

MIAMI BEACH

CITY OF MIAMI BEACH

SANITARY SEWER EVALUATION SURVEY, PHASE I

PRELIMINARY SEWER SYSTEM SURVEY, SEWER SYSTEM
ANALYSIS, AND CORRECTIVE ACTION PLAN

DATE: NOVEMBER 2022
FINAL





Hazen and Sawyer
999 Ponce de Leon Boulevard, Suite 1150
Coral Gables, FL 33134 • 305.443.4001

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Sanitary Sewer Evaluation Survey, Phase I Preliminary Sewer System Survey, Sewer System Analysis, and Corrective Action Plan

Final

SSSES 2022 Report

November 15, 2022

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1. Introduction

1.1 Project Background

The City of Miami Beach (City) is located east of mainland Miami-Dade County and bordered on the west by Biscayne Bay, on the north by the City of Surfside, on the east by the Atlantic Ocean, and on the south by Government Cut. The City has a total area of approximately 7.5 square miles and is comprised of a main island and sixteen natural and man-made islands in Biscayne Bay. The sanitary sewer system consists of approximately 144 miles of gravity sewers, over 20 miles of force main, and 23 wastewater pump stations plus two booster pump stations for a total of twenty-five pump stations. In addition to its own wastewater service area, the City wastewater transmission system accepts flows from Bal Harbour, Surfside, and Bay Harbor Islands. The combined flow is conveyed through a force main and booster pump station transmission system to the Central District Wastewater Treatment Plant (CDWWTP) for treatment and disposal. Flows to the CDWWTP are metered for billing purposes. **Figure 1-1** depicts the City’s sanitary sewer service area.

The Miami Dade County Code (MDCC) mandates that Volume Sewer Customers (VSCs) of the Miami-Dade Water and Sewer Department (MDWASD) perform a variety of activities related to collection system assessment, rehabilitation, and management. One such requirement concerns the completion of a Sanitary Sewer Evaluation Survey (SSES), followed by sewer rehabilitation and post-rehabilitation flow monitoring to assess compliance with the 5,000 gallon per day inch mile (gpdim) standard for infiltration and inflow (I-I) specified in the MDCC. The SSES requirements apply on a recurring ten-year cycle. The first and second cycles were completed in November 2006 and November 2016 respectively, and all MDWASD VSCs are now in the third SSES cycle. VSCs are required to complete the third cycle of SSES work in accordance with the schedule shown below.

Table 1.1: SSES Requirements and Schedule

| 24-42.2(3), Dade County Code Requirement | Deadline for Cycle 3 |
|--|----------------------|
| <p><i>Sanitary Sewer Evaluation Survey – Phase 1</i></p> <p>VSCs must perform a system survey and flow measurement to identify basins above 5,000 gpdim. VSCs must prepare a final Rehabilitation Plan identifying specific repairs to reduce I-I. For Cycle 3 of the SSES, DERM is requiring smoke testing of 100 percent of the gravity system to locate sources of inflow.</p> | 11-12-22 |
| <p><i>Sanitary Sewer Evaluation Survey – Phase 2</i></p> <p>VSCs must complete the Rehabilitation Plan and conduct post-rehabilitation flow measurement to demonstrate compliance with 5,000 gpdim criterion. DERM requires final measurements between June 1st and November 30th of any given year.</p> | 11-12-26 |

As a VSC of MDWASD, the City is subject to the SSES requirements outlined above. The following table summarizes the primary SSES activities for both Phase 1 and Phase 2.

Figure 1-1: Sewer Service Area & Basin Locations



Table 1.2: Required SSES Activities and Level of Effort

| Activity No. | SSES Phase | Activity Description | Level of Effort |
|--------------|------------|--|--|
| 1 | Phase 1 | Flow monitoring and basin prioritization. Salinity monitoring is also required for coastal basins. | All basins for which flow data more recent than 11/12/12 are not available. |
| 2 | Phase 1 | Smoke testing. | All basins. |
| 3 | Phase 1 | Investigation at OWNER's discretion including night flow isolation, closed-circuit television inspection, and/or manhole inspection. | Basins exceeding 5,000 gpdim (from Activity 1). |
| 4 | Phase 1 | Phase 1 report with rehabilitation plan. | Basins exceeding 5,000 gpdim (from Activity 1) and basins with smoke testing defects (from Activity 2). |
| 5 | Phase 2 | Rehabilitation/repair work. | Priority repairs in Phase 1 report rehabilitation plan (from Activity 4). |
| 6 | Phase 2 | Post-rehabilitation flow monitoring. | Basins exceeding 5,000 gpdim (from Activity 1) following completion of rehabilitation/repair work (from Activity 5). |
| 7 | Phase 2 | Phase 2 report with post-rehabilitation flow monitoring results. | Basins exceeding 5,000 gpdim (from Activity 1) following completion of rehabilitation/repair work (from Activity 5). |

Note: While the above-listed deliverables are RER-DERM requirements, it should be noted that the Owner will ultimately be required to perform whatever repairs are needed to (a) correct the smoke testing defects and (b) reduce night flow in each basin to below 5,000 gpdim. Accordingly, it is not necessary to perform all of the listed tasks in a strictly sequential fashion. The Owner should perform priority repairs as soon as they are identified, and post-rehabilitation flow monitoring can be conducted between June 1st and November 30th of any given year to document compliance.

It is noted that the Miami-Dade Department of Regulatory and Economic Resources, Environmental Resources Management (RER-DERM) has initiated revisions to the Cycle 3 SSES guidelines concerning specific evaluation, rehabilitation, and reporting requirements for SSES compliance. At this time, RER-DERM has not yet released a final version of the revised guidelines and this report generally follows the earlier guidelines published in July of 2007, titled "Guidelines for the Submittal of the Second Cycle Sanitary Sewer Evaluation Survey (SSES), Phases I, II and III".

This report documents the completion of Phase I of the program as described in the foregoing tables.

1.2 Report Organization

This report is organized into 7 sections. Sections 2 through 5 pertain to Phase I of the program, and Sections 6 and 7 address the Phase II requirements. The contents of each section are briefly outlined below.

- Section 2.0, *Evaluation of I/I for Overall System*, provides a comparison using one year of data for metered wastewater flows, metered water usage, rainfall, and groundwater and tidal elevations.
- Section 3.0, *Basin and Sub-Basin Boundaries*, addresses the layout of the collection system and its sub-division for purposes of this study.
- Section 4.0, *Basin Information*, presents a collection system inventory and pump station data, reviews surcharge condition and a history of overflows and odor complaints, and describes the flow monitoring program.
- Section 5.0, *Prioritization of the Basins*, organizes the basins on the basis of apparent I/I severity, and describes the prioritized inspection program.
- Section 6.0, *Source Identification for I/I and Cost-Effectiveness Analysis*, outlines a methodology for source identification and the evaluation of identified sources, reviews an approach for cost-effectiveness analysis, and summarizes alternative rehabilitation methods.
- Section 7.0, *Corrective Action Plan and Schedule*, presents the rehabilitation work identified to achieve I/I reduction and preventive maintenance goals.

1.3 Historical Infiltration/Inflow Reduction

The City has been conducting I/I reduction work for many years to maintain a structurally sound and reliable sanitary sewer system. Extensive rehabilitation work has been completed on manholes, gravity mains, and laterals, and the City continues to strive to exceed its level of service requirements to its residents while continuing to improve the condition and reliability of its sanitary sewer system.

The SSES Cycle 2 Phase 1 and 2 Reports identified two basins (11 and 29) and seven sub-basins (1B, 27A, 27B, 28B, 28D, 31A, and 31B) as having I-I values in excess of 5,000 gpdim. Based on these results, the City performed rehabilitation activities to bring the I-I levels in all basins below the 5,000 gpdim threshold. This work and the associated post-rehabilitation flow monitoring was documented in the SSES Cycle 2 Phase 3 Report, submitted to RER-DERM in October 2016. The City continues to perform rehabilitation work throughout the system and devotes resources to its I/I reduction program on a regular, annual basis.

2. Evaluation of I/I for Overall System

This section provides a comparison using one year of data for metered wastewater flows, metered water usage, rainfall, and groundwater table elevation. The selected period for comparison was January through December of 2021.

2.1 Metered Wastewater Flows

Metered wastewater flows for the one-year period were obtained from the permanent flow meter used to measure flows from the City's collection system to the CDWWTP for billing purposes.

2.2 Metered Water Usage

Records of metered water usage for the one-year period were obtained from the invoices sent to the City by MDWASD for potable water service.

The volume of water usage was obtained for all types of customers, commercial and residential, who are both water customers and sewer customers of the City.

2.3 Rainfall

Rainfall data for the one-year period were obtained from the National Oceanic and Atmospheric Administration (NOAA), which maintains local rain gauges representative of conditions in the City's service area.

2.4 Groundwater Table Elevation

Groundwater table elevation for the one-year period was obtained from existing United States Geological Survey (USGS) groundwater monitoring wells located within the study area.

2.5 Tidal Elevation

Data for tidal elevation was obtained from NOAA, which maintains local gauges representative of conditions in the City's service area.

2.6 Analysis

Figure 2-1 shows system-wide wastewater flows, system-wide water usage, rainfall, and groundwater and tidal elevations for the one-year period from January through December of 2021. The "dry season" (December through May) and "wet season" (June through November), as defined by the South Florida Water Management District, are also identified on the graph.

Figure 2-2 shows rainfall, tidal elevation, and groundwater elevation for the same one-year period and illustrates the relationships among these variables.

Figure 2-3 shows system-wide wastewater flows and system-wide water usage only for the same one-year period, with "best fit" lines added to illustrate trends in wastewater flows and water usage rates. The graph reflects the assumption that fifteen percent of potable water is used for irrigation, car washing, and other activities that do not result in the water being discharged to sanitary sewer.

The figures suggest that I/I is a relatively small component of the system flows. Except for periods of high tidal levels and high rainfall and correspondingly higher groundwater levels, it appears that wastewater flows are predominantly comprised of the "return flow" portion of potable water consumption.

Table 2.1 illustrates the very low level of system-wide I-I expressed in units of gpdim, based on an AADF of 21 mgd and a system-wide inch-mile value of 2,379. As Table 2.1 shows, even using very conservative assumptions about the percentage of I-I in the system, the City's system-wide gpdim value is well below 5,000.

Table 2.1: System-Wide GPDIM Estimate

| Variable | Percent of sewer flow as I-I | | | | | |
|--------------------|------------------------------|-------|-------|-------|-------|-------|
| | 20 | 30 | 40 | 50 | 60 | 70 |
| Estimated I-I (MG) | 4.20 | 6.30 | 8.40 | 10.50 | 12.60 | 14.70 |
| GPDIM | 1,766 | 2,649 | 3,532 | 4,414 | 5,297 | 6,180 |

Figure 2-1: One-Year Summary of Metered Wastewater Flows, Metered Water Usage, Rainfall, and Groundwater Table Elevation

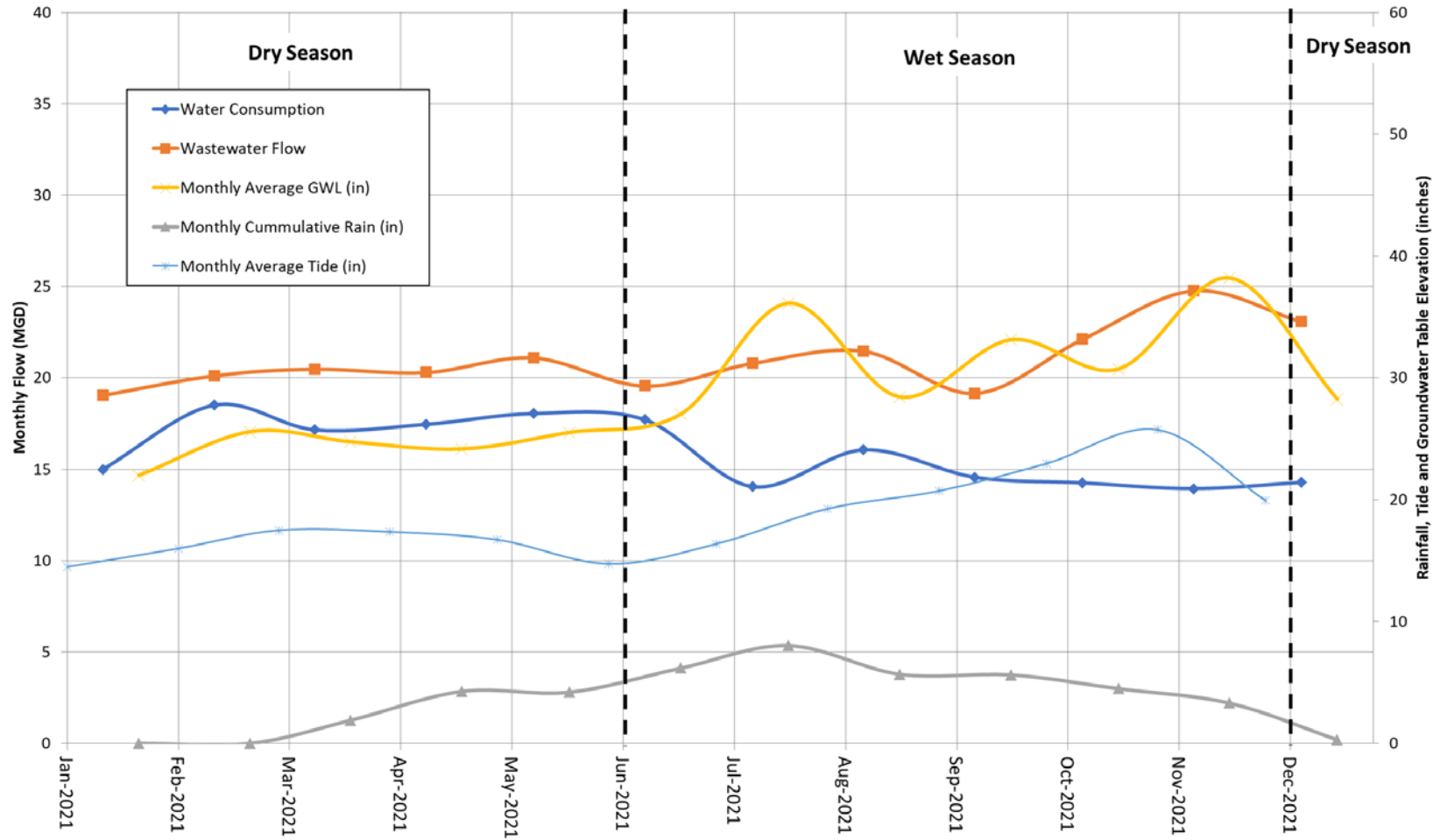


Figure 2-2: One-Year Summary of Rainfall and Groundwater Elevation

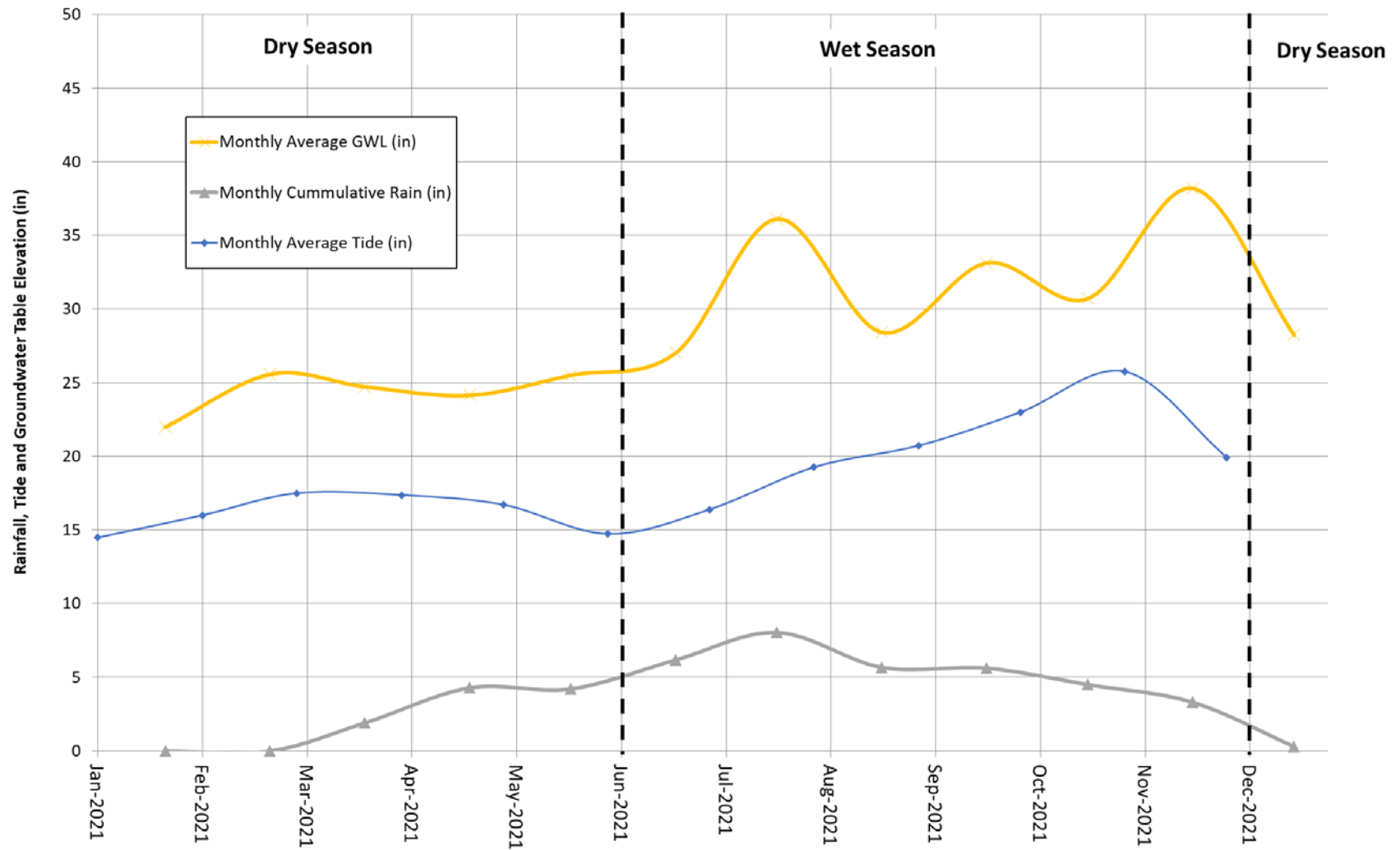
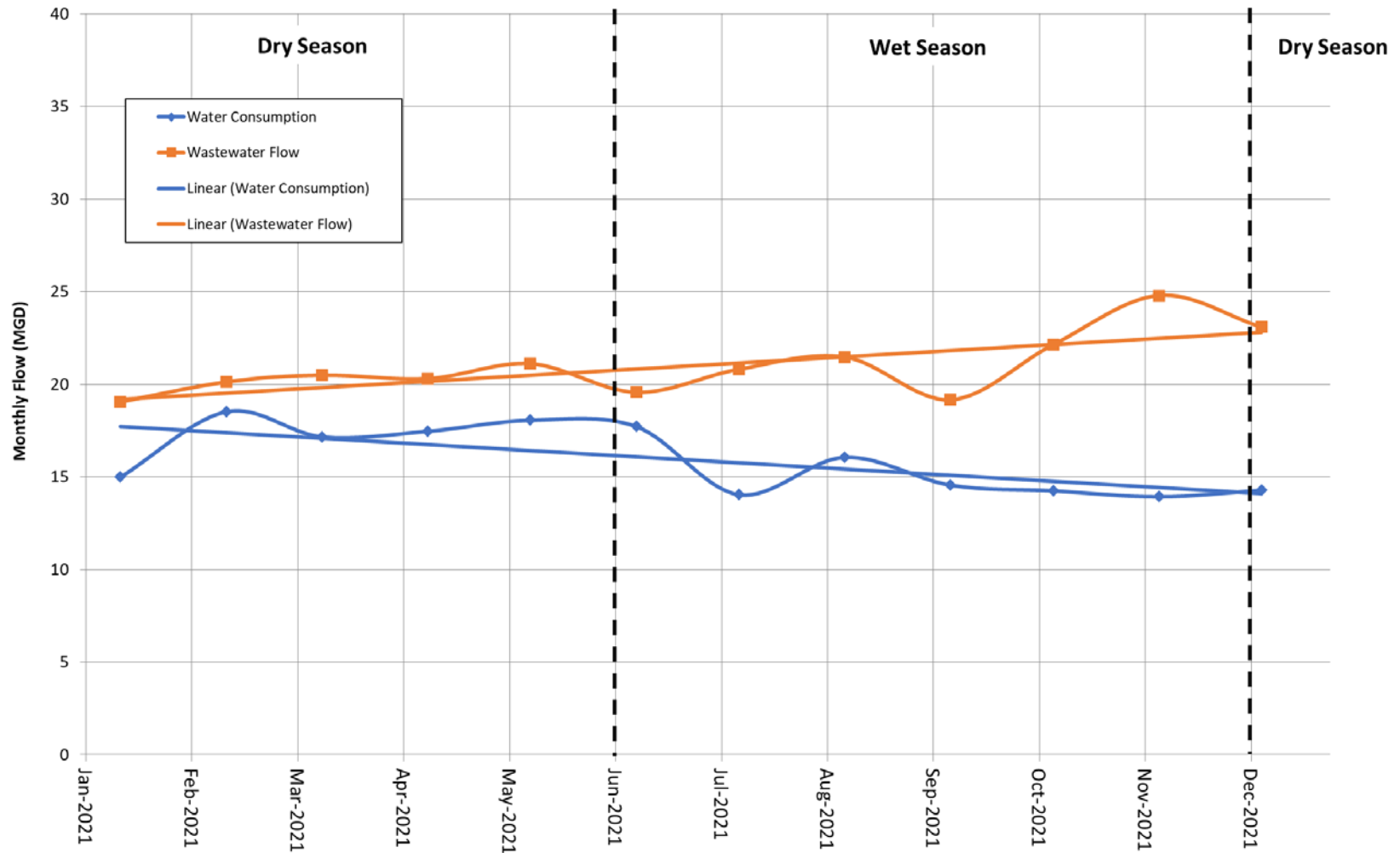


Figure 2-3: One-Year Summary of System-Wide Water Usage and System-Wide Wastewater Flows



3. Basin and Sub-Basin Boundaries

The City's sewer atlas has previously been submitted to RER-DERM. For purposes of the flow monitoring and inspection work conducted for this study, basin and sub-basin boundaries are as depicted in the atlas.

4. Basin Information

Pursuant to the RER guidelines dated July 2007, the minimum information required for each basin is presented in table format. "Table 1" and "Table 2", as prepared by RER and provided in the referenced guidelines, are presented herein as **Appendix A** and **Appendix B**, respectively.

4.1 Collection System Inventory

The required collection system inventory is provided in Appendix A, organized by basin and line segment. For each basin, individual line segments are listed using upstream and downstream manhole numbers. The following information is provided for each line segment:

- Material
- Diameter
- Length
- IDM (pipe diameter in inches multiplied by length in miles)

4.2 Pump Station Data

The required pump station data are provided in Appendix B. The following information is provided for each basin:

- Pump station
- Sub-basin(s) where applicable
- Pump station capacity
- Pump station NAPOT (Nominal Average Pump Operating Time)
- Surge designation
- IDM
- Number of manholes
- Night flow in gallons per day (gpd)
- Night usage in gpd
- Infiltration in gpd/IDM
- Dry weather average daily flow in millions of gallons per day (mgd)
- Wet weather average daily flow in mgd

- Inflow per manhole in gpd
- Wastewater chloride concentration at applicable pump stations

4.3 Surcharge Condition

None of the basins are being operated in a surcharged condition as noted in Appendix B.

4.4 History of Overflows and Odor Complaints

Appendix C contains sanitary sewer overflow (SSO) records and odor complaint records available in City files.

SSO location, cause, and other descriptive information are documented along with the corrective action taken. The City periodically receives resident calls related to odor complaints and maintains a log to document the date and time as well as the response by City operations personnel; this log is provided for sewer-related odor complaints.

4.5 Monitoring Data

Flow monitoring was conducted at selected basin and sub-basin locations using temporary wastewater meters (Hach Flo-Dar). The required monitoring data are provided in Appendix B.

Night flow values were used to assess compliance with the County's 5,000 gpdim standard, reflecting conditions between 1:00 AM and 5:00 AM when actual wastewater flow approaches a daily minimum and the majority of flow is infiltration (and in the case of wet weather, inflow). The values shown for each basin represent data collected during the RER-specified period of June 1 to November 30.

5. Prioritization of the Basins

Based on the SSES Phase I analysis, and on operator knowledge of the system, basins were prioritized for detailed inspection. Since the City has maintained a program of regular inspection and preventive maintenance for many years, significant inspection and rehabilitation had already been completed at the time the flow monitoring data from this study became available. Subsequent prioritization was done in accordance with Section 24-13.1(A)(4) of the Dade County Code, which states that "sewer system infiltration and in-flow into the rehabilitated sanitary sewer collection system shall be less than five thousand (5,000) gallons per inch pipe diameter per day per mile of pipe and laterals...", and thereby provides a standard by which a typical basin may be measured. **Table 5.1** presents the City's basins in descending order based solely on the gpdim values obtained through the flow monitoring performed for this study.

Table 5.1: Basins in Descending Order of GPDIM Values

| Basin | Infiltration (GPDIM) | Basin | Infiltration (GPDIM) | Basin | Infiltration (GPDIM) |
|------------------|----------------------|--------------|----------------------|-------------|----------------------|
| 1C / 175A | 17,216 | PS30 | 3,598 | PS02 | 2,133 |
| 15A / 2006(N) | 11,836 | PS23 / 3601B | 3,445 | PS11 / 324E | 1,888 |
| PS19 / 3094C | 11,079 | 22B / 3944 | 3,172 | PS14 | 1,857 |
| 28C / 623 & 513C | 7,168 | 1A / 138B | 3,070 | PS07 | 1,803 |
| 28A | 6,074 | 22A / 3945D | 2,873 | PS18 | 1,644 |
| 27B / 3024B | 4,706 | 24A / 2803 | 2,865 | PS21 / 4000 | 1,616 |
| PS29 / 3144 | 4,595 | PS05 | 2,735 | PS08 | 1,340 |
| 28D / 592C | 4,547 | 1B / 173 | 2,720 | PS10 / 400D | 982 |
| PS04 | 4,435 | 31B / 511 | 2,657 | 27A / 3401 | 803 |
| 24B / 2701 | 4,144 | 31A / 10D | 2,489 | PS06 | 651 |
| 15B / 2006(W) | 4,109 | 28B / 742 | 2,230 | PS13 | 115 |

Detailed inspection is conducted for basins having infiltration which exceeds 5,000 gpdim or is detected at levels that would be cost effective to eliminate. Visual inspection may include night flow isolation, closed-circuit television (CCTV) inspection of sewer mains and laterals, and manhole inspection. Smoke testing has also been completed for 100 percent of the gravity system. These inspection methods are described in the remainder of this section.

5.1 Night Flow Isolation

Night flow isolation (NFI) is a useful methodology for prioritizing follow-up CCTV inspection work. NFI is best performed between 1:00 and 5:00 AM when the majority of flow in residential areas is infiltration. Starting close to the pump station and moving upstream, manholes are opened and sources of clear, steady flow are identified. This process ultimately allows particular pipes or groups of pipes to be identified for follow-up video inspection, and therefore provides a more efficient and cost-effective alternative to performing video inspection on an entire basin.

5.2 CCTV Inspection

The City has instituted a program of CCTV inspection to evaluate the internal condition of collection system piping. After the interior of the line is cleaned to remove grease and debris that might mask infiltration sources, a camera is self-propelled or pulled with cables through the pipeline and a video tape recording is made of the entire line segment. The City then initiates a careful review of the videotape to identify cracks, separated joints, leaking service connections, and other sources of I/I. Following the tape review, decisions are made concerning repair methods and priorities.

Where video of mains indicates that laterals are a possible source of infiltration, such “suspect” laterals are prioritized for follow-up inspection using a camera system especially designed for that purpose.

5.3 Manhole Inspection

The City conducts aboveground surveys to record potential or obvious inflow sources and completed inspection of 100 hundred percent of its service area in 2021. As a part of this aboveground survey, manhole inspections were performed to identify I/I sources and repairs associated with these structures. The City is developing a five-year Capital Improvement Project to rehabilitate defective manholes identified through the system-wide inspection. Repairs to gravity system mains and laterals will be coordinated with the manhole rehabilitation.

The following data are generally recorded for each manhole inspected:

1. Manhole number
2. Address and cross street
3. Traffic type and volume
4. Type of surface surrounding the manhole
5. Indication if the manhole cannot be located, is buried, or is subject to ponding
6. Weather and ground conditions
7. Depth of surcharge, if applicable
8. Manhole size
9. Cone shape and wall diameter
10. Type of cover - number and size of holes, if applicable
11. Construction materials and condition of
 - a. Frame seal
 - b. Frame adjustment
 - c. Chimney
 - d. Cone
 - e. Wall
 - f. Step
 - g. Bench
 - h. Channel

12. Condition of
 - a. Cover
 - b. Manhole insert
 - c. Frame
 - d. Manhole pipe connections
13. Type and depth of channel deposition, if applicable
14. Channel hydraulics
15. Presence of roots, if any
16. Incoming and outgoing lines
 - a. Line type (lateral/in/out)
 - b. Material
 - c. Diameter
 - d. Depth
 - e. Direction
 - f. Connecting manhole
17. Evidence of leaks and location
18. Quantification of visible sources of extraneous flow
19. Special problems and conditions

Information obtained during the physical survey is used to determine rehabilitation methods and costs.

Manholes are also re-visited in association with smoke testing, night flow isolation, and television inspection, and defects that may have developed since the initial inspections are noted.

5.4 Smoke Testing

The City conducts smoke testing to detect inflow sources such as roof drains, area drains, leaking service connections, and illegal connections. Smoke testing is preferably performed during dry weather and low-wind conditions. Public notification, and coordination with fire and police departments, are performed in advance of the work. An air blower is used to force smoke into the pipes, and observers document smoke coming out of the ground, catch basins, and other sources as the test progresses. While television inspection focuses on the sewer mains, smoke testing is predominantly useful with respect to sewer laterals, which are generally shallower and located above the water table. The City then reviews the smoke test results, identifies repair tasks to be performed by the City or its contractors, and identifies corrective actions for which property owners will be notified and held responsible to complete. It is noted that due to the nature of the smoke testing process, and the fact that many of the observed defects will be located on private property and not readily accessible to the testing crews, certain defects will require inspection/confirmation concerning the necessary repair approach.

During Cycle 3 of the SSES, the City completed smoke testing on 100 percent of the collection system in 2021. City Operations Personnel have completed public-side repairs identified through the smoke testing, and documentation of these completed repairs has been submitted to RER-DERM along with private-side defects (**Appendix D**).

6. Source Identification for I/I and Cost-Effectiveness Analysis

6.1 Source Identification for I/I

As described in the previous section, source identification methods have consisted of night flow isolation, CCTV inspection of sewer mains and laterals, and manhole inspection. Smoke testing has also been completed for 100 percent of the gravity system.

CCTV inspection of the mains provides several key benefits both for the I/I reduction program and for the City's overall preventive maintenance program.

- First, it allows the identification of defects both minor and serious, and enables a proactive response concerning lines in a state of imminent failure. The CCTV inspection process allows a clear identification of the nature of pipeline defects, so that an appropriate repair method can be selected.
- Second, it permits the owner to confirm those portions of the system that are in good condition and require less frequent inspection, allowing for resources to be focused elsewhere.
- Third, it allows identification of lines that are susceptible to recurring blockages due to such problems as sags, inadequate slopes, offset joints, grease, or heavy root intrusion; these lines can then be placed on a program of regular maintenance cleanings to pre-empt a potential blockage and overflow.

Manhole inspections revealed that while the majority of the manhole structures were in good condition, others meet the City's criteria for inclusion in a repair/rehabilitation program. Manholes are continually revisited in association with ongoing television inspection and maintenance activities, and significant defects that may have developed since the initial inspections are noted.

In some cases the manhole inspection work helps identify rehabilitation priorities in the mains. This occurs when heavy flows of clear water, deposits of sand, or shards of clay pipe are noted in the manhole troughs. In such instances, CCTV inspection is performed on the upstream line segment(s), often leading to the identification of major sources of infiltration including pipe sections at risk of imminent collapse.

At the inception of the I/I reduction program many years ago, the City resolved to address the defects in its own infrastructure – mains and manholes – as much as possible before focusing attention on customer laterals. As the program has progressed, the City has found that for most basins the County's I/I reduction standard can be met without an extensive manhole or lateral rehabilitation program, and therefore the majority of rehabilitation work has focused on the gravity mains. Despite this initial emphasis on the mains, however, manhole and lateral repairs are increasingly being performed and the City anticipates an expanded program of manhole and lateral repairs in the coming years as these structures continue to age and develop more significant defects.

6.2 Cost-Effectiveness Analysis

The EPA guidance document titled Sewer System Infrastructure Analysis and Rehabilitation (1991) presents a methodology for the cost-effectiveness analysis. The analysis used for this SSES is based on that methodology and has consisted of the following steps.

- Organize field data using an electronic database system. Process, evaluate, and electronically store the results of manhole inspection, CCTV inspection, and other inspection activities as applicable. Estimate flow rates associated with I/I sources, confirm preliminary repair recommendations, and record recommendations and a preliminary repair cost estimate in the database.
- Prioritize the recommended rehabilitation work based on cost-effectiveness and other factors. Rehabilitation of a collection system main line, manhole or service line is typically termed "cost-effective" when the cost of rehabilitation to remove a given amount of extraneous flow is less than the cost of continuing to transport, treat, and dispose of that same amount of extraneous flow. The cost analysis involves the following steps.
 - Estimate the cost of rehabilitation of each main line, manhole, or service line defect.
 - Calculate the approximate cost to transport, treat, and dispose of the estimated amount of infiltration or inflow associated with that defect.
 - Compare the costs developed in the previous two steps and determine the "payback period" of the repair (the number of years to recover the repair cost). Repairs with the shortest payback period represent the most cost-effective use of the utility's resources.

While the cost-effectiveness analysis represents an important tool for repair prioritization and provides a means to justify necessary funding levels, it must be emphasized that other factors are considered in addition to cost-effectiveness as described below.

First, preventive maintenance and criticality considerations also influence the prioritization of repairs. A relatively shallow line may not exhibit any infiltration or inflow but may be badly cracked in numerous places. This same line may be highly important because it receives flows repumped by another pump station from an adjacent basin. Such a line is clearly an important candidate for repair, but the purely quantitative prioritization provided by the traditional cost-effectiveness analysis does not accommodate the necessary operator judgment that such a situation requires.

An additional factor that must be considered is that conditions in the collection system can change significantly over time, affecting both the rates of extraneous flow and the Utility's options for correcting the associated pipe defects. For example, a circumferential crack in a deep main may exhibit a modest rate of infiltration this year and be a good candidate for trenchless rehabilitation by installation of a cured-in-place liner. Next year or the year after, however, the same crack may develop a higher infiltration rate that results in washout of the soil surrounding the pipe and causes a collapse in the line and possibly a sanitary sewer overflow. Once this has occurred, the quicker, less costly, and less publicly disruptive option of a trenchless solution is no longer available, and the Utility has no alternative but to perform a complex and expensive point repair that additionally requires the more hazardous procedure of placing

personnel in deep trenches. In such a case, the decision not to repair such a defect this year will not turn out to be cost effective in the longer term.

The City, therefore, incorporates the cost-effectiveness analysis in the formulation of its corrective action plans but also prioritizes repairs based on other factors such as structural condition, consequence of failure, health hazards, system hydraulics, and operation and maintenance demand. This approach has the objectives of achieving I/I reduction, maintaining regulatory compliance, and delivering a high level of service and reliability to customers within the constraints of current Utility revenues.

6.3 Rehabilitation Methods

Repair approaches are selected based on safety, reliability, and cost. The City has extensive experience with a wide variety of rehabilitation technologies and repair alternatives, and a well-developed database concerning the direct and indirect costs associated with the various alternatives. Projections concerning the level of effort associated with repairs performed by City crews are based on many years of experience, and competitively bid contracts with rehabilitation contractors are based on unit costs which facilitate selection of the lowest cost repair for a given defect. Selection of a repair approach, when alternatives exist, is also made on the basis of the projected long-term reliability of the repair solution for the given defect, and on safety considerations such as traffic, repair depth, and conflicting utilities. The primary rehabilitation methods being employed are outlined below.

Excavation and pipe replacement

The City uses excavation and pipe replacement in cases where the structural integrity of the pipe is too badly deteriorated to permit other repair methods. Excavation and pipe replacement may also be appropriate when pipe is severely misaligned, when only short lengths of pipeline are badly damaged, or when additional pipeline capacity is needed. When piping is shallow, and in the absence of significant aboveground or underground conflicts, removal and replacement may be less costly than other methods of rehabilitation, and the City may use its own personnel and equipment to excavate and replace the damaged pipe. Where conditions are not as conducive to excavation and replacement, the City favors trenchless methods such as sealing with chemical grout and/or lining. Except in specific instances where trenchless approaches could not be used due to severe instability or total line collapse, the City has avoided excavating under the challenging and costly conditions presented by deeper lines and/or complex surface conditions related to traffic, restoration requirements, and other such factors.

Chemical grouting

While chemical grouting is an extremely useful technology for sealing leaking joints, it begins to lose long-term cost-effectiveness relative to lining when a high percentage of joints are leaking or fail the pressure test. Moreover, chemical grout adds no structural strength and should only be used in pipes that are structurally sound, or in combination with lining to stop leaks in advance of the liner installation. Due to the condition of piping in the City's system, lining has often been judged as not only cost-effective but structurally necessary in pipes having leaking joints. Therefore, while the City has used chemical grouting extensively in conjunction with lining, its use as the sole repair method has been more limited.

Pipe bursting

Pipe bursting has been considered for specific situations, but in general has been judged less attractive due to cost, the accompanying need for excavation at manholes and service connections, and concerns about maintaining proper alignment for gravity flow. For most repairs, lining or excavation has been a technically feasible and cost-effective approach.

Lining

Based on review of alternative lining materials, the City has previously approved Cured-in-Place pipe lining methods for use in its system, and over time these processes have been used for rehabilitation of numerous gravity mains. The materials, once installed, meet or exceed the standards of direct-burial sewer pipe, and do not depend on the structural integrity of the host pipe. In contrast to methods such as grouting and spot repair, the lining process effectively results in an entirely new gravity main with an estimated life of fifty years.

Lining offers major benefits over traditional excavation and replacement for high-traffic areas, for deep lines that would require dewatering during excavation, for areas where other utility lines may present conflicts, and for rear-yard easements where gravity mains may run beneath customer fences, gardens, sheds, and lawns. Since many of the City's lines are subject to one or more of the above conditions, lining is generally seen as less costly, time-consuming, and difficult than any other option.

The liner installation process consists of cleaning and televising the line, removing protruding service connections, and repairing or re-rounding partially collapsed sections. Debris is removed from the pipe and grouting is performed as required. The pipe liner is then inverted or winched through an existing manhole into the pipe to be reconstructed. The inversion or winching process continues until the pipe reaches the next designated manhole, and then hot water or pressurized steam is applied to expand the liner tightly against the host pipe. In the case of cured-in-place lining, the elevated temperature initiates the resin curing process. Following a prescribed period of time, the pipe liner is allowed to cool, after which the liner is trimmed at each pipe end and excess material is removed. The result is a continuous, jointless pipe from one manhole to the next, with only a minimal (approximately 1/4-inch) decrease in pipe diameter. After cooling of the liner, the service connections are reopened using a robotic cutting device and a closed-circuit television camera, then the services are grouted to prevent the entrance of infiltration between the host pipe and liner. A videotape is made of the lined pipe for final verification of proper completion. After the preparatory work of cleaning, sealing, and pre-inspection is performed, the actual lining process can be completed in approximately four hours per line segment, including the re-establishment of service connections. A lining crew will generally average two line segments per day, with little or no disruption to customers.

The cured-in-place lining process is also applied to sectional and lateral lining. Sectional liners may be used where only an isolated portion of a line requires a structural solution and are generally installed in lengths of 6 feet. Lateral lining, as previously mentioned, will likely become an increasingly important part of the City's gravity sewer rehabilitation program. Lateral lining can accomplish a water-tight, structural renewal of the lateral pipe as well as the critical main-lateral connection point.

7. Corrective Action Plan

As described in Section 5, a variety of visual inspection methods were used to identify gravity sewer rehabilitation work for the attainment of I/I reduction and preventive maintenance goals. System-wide smoke testing was also performed to identify system defects that could permit inflow during rain events. **Appendix D** contains the Corrective Action Plan, consisting of summary tables for repairs identified through smoke testing, manhole inspection, and video inspection.

Appendix A: RER Table 1 – Collection System Inventory

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_4255 | Terra Cotta | 8 | 21.24 | 0.03 | Main |
| SWR_GRV_4351 | Terra Cotta | 8 | 136.99 | 0.21 | Main |
| SWR_GRV_4595 | Terra Cotta | 8 | 296.13 | 0.45 | Main |
| SWR_GRV_4597 | Terra Cotta | 8 | 197.43 | 0.30 | Main |
| SWR_GRV_5481 | Terra Cotta | 8 | 18.81 | 0.03 | Main |
| SWR_GRV_5483 | Terra Cotta | 8 | 292.37 | 0.44 | Main |
| SWR_GRV_5485 | Terra Cotta | 8 | 274.54 | 0.42 | Main |
| SWR_GRV_5487 | Terra Cotta | 8 | 101.96 | 0.15 | Main |
| SWR_GRV_5489 | Terra Cotta | 8 | 273.81 | 0.41 | Main |
| SWR_GRV_5491 | Terra Cotta | 8 | 104.66 | 0.16 | Main |
| SWR_GRV_5493 | Terra Cotta | 8 | 280.26 | 0.42 | Main |
| SWR_GRV_5496 | Terra Cotta | 8 | 274.60 | 0.42 | Main |
| SWR_GRV_5498 | Terra Cotta | 8 | 277.10 | 0.42 | Main |
| SWR_GRV_5500 | Terra Cotta | 8 | 220.20 | 0.33 | Main |
| SWR_GRV_5502 | Terra Cotta | 8 | 269.04 | 0.41 | Main |
| SWR_GRV_5504 | Terra Cotta | 8 | 119.79 | 0.18 | Main |
| SWR_GRV_5506 | Terra Cotta | 8 | 280.17 | 0.42 | Main |
| SWR_GRV_5508 | Terra Cotta | 8 | 297.30 | 0.45 | Main |
| SWR_GRV_5509 | Terra Cotta | 8 | 305.37 | 0.46 | Main |
| SWR_GRV_5511 | Terra Cotta | 8 | 193.60 | 0.29 | Main |
| SWR_GRV_5513 | Terra Cotta | 8 | 141.43 | 0.21 | Main |
| SWR_GRV_5521 | Terra Cotta | 8 | 299.12 | 0.45 | Main |
| SWR_GRV_5523 | Terra Cotta | 8 | 299.49 | 0.45 | Main |
| SWR_GRV_5525 | Terra Cotta | 8 | 299.77 | 0.45 | Main |
| SWR_GRV_5527 | Terra Cotta | 8 | 20.70 | 0.03 | Main |
| SWR_GRV_5529 | Terra Cotta | 8 | 227.42 | 0.34 | Main |
| SWR_GRV_5531 | Terra Cotta | 8 | 222.39 | 0.34 | Main |
| SWR_GRV_5534 | Terra Cotta | 8 | 92.44 | 0.14 | Main |
| SWR_GRV_5536 | Terra Cotta | 8 | 92.46 | 0.14 | Main |
| SWR_GRV_5538 | Terra Cotta | 8 | 301.40 | 0.46 | Main |
| SWR_GRV_5540 | Terra Cotta | 8 | 149.16 | 0.23 | Main |
| SWR_GRV_5542 | Terra Cotta | 8 | 110.20 | 0.17 | Main |
| SWR_GRV_5544 | Terra Cotta | 8 | 105.45 | 0.16 | Main |
| SWR_GRV_5546 | Terra Cotta | 8 | 154.67 | 0.23 | Main |
| SWR_GRV_5547 | Terra Cotta | 8 | 324.59 | 0.49 | Main |
| SWR_GRV_5549 | Terra Cotta | 8 | 319.93 | 0.48 | Main |
| SWR_GRV_5551 | Terra Cotta | 8 | 295.28 | 0.45 | Main |
| SWR_GRV_5553 | Terra Cotta | 8 | 303.83 | 0.46 | Main |
| SWR_GRV_6253 | Terra Cotta | 8 | 164.32 | 0.25 | Main |
| SWR_GRV_6255 | Terra Cotta | 8 | 40.41 | 0.06 | Main |
| SWR_GRV_6257 | Terra Cotta | 8 | 178.73 | 0.27 | Main |
| SWR_GRV_6259 | Terra Cotta | 8 | 108.86 | 0.16 | Main |
| SWR_GRV_6441 | Terra Cotta | 8 | 23.33 | 0.04 | Main |
| SWR_GRV_6443 | Terra Cotta | 8 | 187.73 | 0.28 | Main |
| SWR_GRV_6445 | Terra Cotta | 8 | 233.40 | 0.35 | Main |
| SWR_GRV_6447 | Terra Cotta | 8 | 156.32 | 0.24 | Main |
| SWR_GRV_6449 | Terra Cotta | 8 | 194.36 | 0.29 | Main |
| SWR_GRV_6451 | Terra Cotta | 8 | 93.53 | 0.14 | Main |
| SWR_GRV_6453 | Terra Cotta | 8 | 296.83 | 0.45 | Main |
| SWR_GRV_6455 | Terra Cotta | 8 | 322.49 | 0.49 | Main |
| SWR_GRV_6457 | Terra Cotta | 8 | 314.83 | 0.48 | Main |
| SWR_GRV_6459 | Terra Cotta | 8 | 312.34 | 0.47 | Main |
| SWR_GRV_6461 | Terra Cotta | 8 | 143.65 | 0.22 | Main |
| SWR_GRV_6463 | Terra Cotta | 8 | 129.62 | 0.20 | Main |
| SWR_GRV_6840 | Terra Cotta | 8 | 122.77 | 0.19 | Main |
| SWR_GRV_6856 | Terra Cotta | 8 | 295.85 | 0.45 | Main |
| SWR_GRV_6858 | Terra Cotta | 8 | 197.93 | 0.30 | Main |
| SWR_GRV_6860 | Terra Cotta | 8 | 312.79 | 0.47 | Main |
| SWR_GRV_6862 | Terra Cotta | 8 | 199.87 | 0.30 | Main |
| SWR_GRV_6864 | Terra Cotta | 8 | 189.85 | 0.29 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_6866 | Terra Cotta | 8 | 191.17 | 0.29 | Main |
| SWR_GRV_6868 | Terra Cotta | 8 | 139.53 | 0.21 | Main |
| SWR_GRV_6870 | Terra Cotta | 8 | 140.32 | 0.21 | Main |
| SWR_GRV_6872 | Terra Cotta | 8 | 138.51 | 0.21 | Main |
| SWR_GRV_6874 | Terra Cotta | 8 | 310.60 | 0.47 | Main |
| SWR_GRV_6876 | Terra Cotta | 8 | 298.85 | 0.45 | Main |
| SWR_GRV_6878 | Terra Cotta | 8 | 311.71 | 0.47 | Main |
| SWR_GRV_6880 | Terra Cotta | 8 | 115.86 | 0.18 | Main |
| SWR_GRV_6882 | Terra Cotta | 8 | 308.15 | 0.47 | Main |
| SWR_GRV_6884 | Terra Cotta | 8 | 182.81 | 0.28 | Main |
| SWR_GRV_6886 | Terra Cotta | 8 | 31.98 | 0.05 | Main |
| SWR_GRV_6888 | Terra Cotta | 8 | 205.67 | 0.31 | Main |
| SWR_GRV_8133 | Terra Cotta | 8 | 59.05 | 0.09 | Main |
| SWR_GRV_8135 | Terra Cotta | 8 | 139.85 | 0.21 | Main |
| SWR_GRV_8137 | Terra Cotta | 8 | 200.54 | 0.30 | Main |
| SWR_GRV_8139 | Terra Cotta | 8 | 185.05 | 0.28 | Main |
| SWR_GRV_8141 | Terra Cotta | 8 | 304.26 | 0.46 | Main |
| SWR_GRV_8143 | Terra Cotta | 8 | 215.39 | 0.33 | Main |
| SWR_GRV_8568 | Polyvinyl Chloride | 8 | 179.69 | 0.27 | Main |
| SWR_GRV_8569 | Polyvinyl Chloride | 8 | 180.26 | 0.27 | Main |
| SWR_GRV_8570 | Polyvinyl Chloride | 8 | 181.01 | 0.27 | Main |
| SWR_GRV_8571 | Polyvinyl Chloride | 8 | 199.45 | 0.30 | Main |
| SWR_GRV_8572 | Polyvinyl Chloride | 8 | 139.24 | 0.21 | Main |
| SWR_GRV_8573 | Polyvinyl Chloride | 8 | 72.14 | 0.11 | Main |
| SWR_GRV_8574 | Polyvinyl Chloride | 8 | 35.92 | 0.05 | Main |
| SWR_GRV_8575 | Terra Cotta | 8 | 315.99 | 0.48 | Main |
| SWR_GRV_8576 | Terra Cotta | 8 | 150.34 | 0.23 | Main |
| SWR_GRV_8577 | Terra Cotta | 8 | 249.16 | 0.38 | Main |
| SWR_GRV_8579 | Terra Cotta | 8 | 280.58 | 0.43 | Main |
| SWR_GRV_8581 | Terra Cotta | 8 | 290.10 | 0.44 | Main |
| SWR_GRV_8583 | Terra Cotta | 8 | 85.60 | 0.13 | Main |
| SWR_GRV_8585 | Terra Cotta | 8 | 82.38 | 0.12 | Main |
| SWR_GRV_8588 | Terra Cotta | 8 | 20.08 | 0.03 | Main |
| SWR_GRV_8589 | Terra Cotta | 8 | 313.04 | 0.47 | Main |
| SWR_GRV_8591 | Terra Cotta | 8 | 325.41 | 0.49 | Main |
| SWR_GRV_8593 | Terra Cotta | 8 | 223.56 | 0.34 | Main |
| SWR_GRV_8595 | Terra Cotta | 8 | 284.45 | 0.43 | Main |
| SWR_GRV_8597 | Terra Cotta | 8 | 259.65 | 0.39 | Main |
| SWR_GRV_8599 | Terra Cotta | 8 | 284.21 | 0.43 | Main |
| SWR_GRV_8603 | Terra Cotta | 8 | 108.60 | 0.16 | Main |
| SWR_GRV_8605 | Terra Cotta | 8 | 24.36 | 0.04 | Main |
| SWR_GRV_8607 | Terra Cotta | 8 | 283.78 | 0.43 | Main |
| SWR_GRV_8609 | Terra Cotta | 8 | 109.18 | 0.17 | Main |
| SWR_LTR_13664 | Polyvinyl Chloride | 6 | 62.69 | 0.07 | Lateral |
| SWR_LTR_13665 | Polyvinyl Chloride | 6 | 57.71 | 0.07 | Lateral |
| SWR_LTR_13666 | Polyvinyl Chloride | 6 | 57.69 | 0.07 | Lateral |
| SWR_LTR_13667 | Polyvinyl Chloride | 6 | 43.73 | 0.05 | Lateral |
| SWR_LTR_13668 | Polyvinyl Chloride | 6 | 43.72 | 0.05 | Lateral |
| SWR_LTR_13669 | Polyvinyl Chloride | 6 | 43.67 | 0.05 | Lateral |
| SWR_LTR_13670 | Polyvinyl Chloride | 6 | 57.67 | 0.07 | Lateral |
| SWR_LTR_13671 | Polyvinyl Chloride | 6 | 43.72 | 0.05 | Lateral |
| SWR_LTR_13672 | Polyvinyl Chloride | 6 | 57.72 | 0.07 | Lateral |
| SWR_LTR_13673 | Polyvinyl Chloride | 6 | 43.72 | 0.05 | Lateral |
| SWR_LTR_13674 | Polyvinyl Chloride | 6 | 43.71 | 0.05 | Lateral |
| SWR_LTR_13675 | Polyvinyl Chloride | 6 | 57.71 | 0.07 | Lateral |
| SWR_LTR_13676 | Polyvinyl Chloride | 6 | 57.70 | 0.07 | Lateral |
| SWR_LTR_13677 | Polyvinyl Chloride | 6 | 57.71 | 0.07 | Lateral |
| SWR_LTR_16898 | Polyvinyl Chloride | 6 | 35.99 | 0.04 | Lateral |
| SWR_LTR_17139 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_17140 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17141 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_17142 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_17143 | Polyvinyl Chloride | 6 | 21.16 | 0.02 | Lateral |
| SWR_LTR_17144 | Polyvinyl Chloride | 6 | 21.07 | 0.02 | Lateral |
| SWR_LTR_17298 | Polyvinyl Chloride | 6 | 48.71 | 0.06 | Lateral |
| SWR_LTR_17299 | Polyvinyl Chloride | 6 | 48.72 | 0.06 | Lateral |
| SWR_LTR_17300 | Polyvinyl Chloride | 6 | 48.71 | 0.06 | Lateral |
| SWR_LTR_17301 | Polyvinyl Chloride | 6 | 46.51 | 0.05 | Lateral |
| SWR_LTR_17302 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_17303 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_17304 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_17305 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_17306 | Polyvinyl Chloride | 6 | 58.48 | 0.07 | Lateral |
| SWR_LTR_17307 | Polyvinyl Chloride | 8 | 36.91 | 0.06 | Lateral |
| SWR_LTR_17308 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_17309 | Polyvinyl Chloride | 6 | 66.23 | 0.08 | Lateral |
| SWR_LTR_17310 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_17311 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_17312 | Polyvinyl Chloride | 6 | 39.63 | 0.05 | Lateral |
| SWR_LTR_17313 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_17319 | Polyvinyl Chloride | 6 | 29.63 | 0.03 | Lateral |
| SWR_LTR_17320 | Polyvinyl Chloride | 6 | 29.61 | 0.03 | Lateral |
| SWR_LTR_17321 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_17322 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_17323 | Polyvinyl Chloride | 6 | 29.62 | 0.03 | Lateral |
| SWR_LTR_17324 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_17325 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_17326 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_17327 | Polyvinyl Chloride | 6 | 29.62 | 0.03 | Lateral |
| SWR_LTR_17328 | Polyvinyl Chloride | 6 | 36.16 | 0.04 | Lateral |
| SWR_LTR_17329 | Polyvinyl Chloride | 6 | 38.16 | 0.04 | Lateral |
| SWR_LTR_17330 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_17331 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_17332 | Polyvinyl Chloride | 6 | 29.17 | 0.03 | Lateral |
| SWR_LTR_17333 | Polyvinyl Chloride | 6 | 36.92 | 0.04 | Lateral |
| SWR_LTR_17334 | Polyvinyl Chloride | 6 | 43.46 | 0.05 | Lateral |
| SWR_LTR_17335 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_17336 | Polyvinyl Chloride | 6 | 44.59 | 0.05 | Lateral |
| SWR_LTR_17337 | Polyvinyl Chloride | 6 | 46.01 | 0.05 | Lateral |
| SWR_LTR_17338 | Polyvinyl Chloride | 6 | 19.63 | 0.02 | Lateral |
| SWR_LTR_17339 | Polyvinyl Chloride | 6 | 20.46 | 0.02 | Lateral |
| SWR_LTR_17340 | Polyvinyl Chloride | 6 | 53.22 | 0.06 | Lateral |
| SWR_LTR_17341 | Polyvinyl Chloride | 6 | 28.00 | 0.03 | Lateral |
| SWR_LTR_17342 | Polyvinyl Chloride | 6 | 25.99 | 0.03 | Lateral |
| SWR_LTR_17343 | Polyvinyl Chloride | 6 | 40.65 | 0.05 | Lateral |
| SWR_LTR_17344 | Polyvinyl Chloride | 6 | 27.22 | 0.03 | Lateral |
| SWR_LTR_17345 | Polyvinyl Chloride | 6 | 25.11 | 0.03 | Lateral |
| SWR_LTR_17346 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_17347 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_17348 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_17349 | Polyvinyl Chloride | 6 | 45.00 | 0.05 | Lateral |
| SWR_LTR_17350 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_17351 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_17352 | Polyvinyl Chloride | 6 | 24.62 | 0.03 | Lateral |
| SWR_LTR_17353 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_17354 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_17355 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_17356 | Polyvinyl Chloride | 6 | 39.01 | 0.04 | Lateral |
| SWR_LTR_17357 | Polyvinyl Chloride | 6 | 34.19 | 0.04 | Lateral |
| SWR_LTR_17358 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17359 | Polyvinyl Chloride | 6 | 21.17 | 0.02 | Lateral |
| SWR_LTR_17360 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_17361 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_17362 | Polyvinyl Chloride | 6 | 25.70 | 0.03 | Lateral |
| SWR_LTR_17363 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_17364 | Polyvinyl Chloride | 6 | 26.11 | 0.03 | Lateral |
| SWR_LTR_17365 | Polyvinyl Chloride | 6 | 26.13 | 0.03 | Lateral |
| SWR_LTR_17366 | Polyvinyl Chloride | 6 | 44.72 | 0.05 | Lateral |
| SWR_LTR_17367 | Polyvinyl Chloride | 6 | 44.92 | 0.05 | Lateral |
| SWR_LTR_17368 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_17369 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_17370 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_17371 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_17372 | Polyvinyl Chloride | 6 | 14.62 | 0.02 | Lateral |
| SWR_LTR_17373 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_17374 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_17375 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_17376 | Polyvinyl Chloride | 6 | 25.68 | 0.03 | Lateral |
| SWR_LTR_17377 | Polyvinyl Chloride | 6 | 25.69 | 0.03 | Lateral |
| SWR_LTR_17378 | Polyvinyl Chloride | 6 | 25.69 | 0.03 | Lateral |
| SWR_LTR_17379 | Polyvinyl Chloride | 6 | 25.69 | 0.03 | Lateral |
| SWR_LTR_17380 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_17381 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_17382 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_17383 | Polyvinyl Chloride | 6 | 39.68 | 0.05 | Lateral |
| SWR_LTR_17384 | Polyvinyl Chloride | 6 | 19.99 | 0.02 | Lateral |
| SWR_LTR_17385 | Polyvinyl Chloride | 6 | 35.01 | 0.04 | Lateral |
| SWR_LTR_17386 | Polyvinyl Chloride | 6 | 20.57 | 0.02 | Lateral |
| SWR_LTR_17387 | Polyvinyl Chloride | 6 | 24.98 | 0.03 | Lateral |
| SWR_LTR_17388 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_17389 | Polyvinyl Chloride | 6 | 26.48 | 0.03 | Lateral |
| SWR_LTR_17390 | Polyvinyl Chloride | 6 | 25.84 | 0.03 | Lateral |
| SWR_LTR_17391 | Polyvinyl Chloride | 6 | 44.70 | 0.05 | Lateral |
| SWR_LTR_17392 | Polyvinyl Chloride | 6 | 33.69 | 0.04 | Lateral |
| SWR_LTR_17393 | Polyvinyl Chloride | 6 | 28.85 | 0.03 | Lateral |
| SWR_LTR_17394 | Polyvinyl Chloride | 6 | 27.98 | 0.03 | Lateral |
| SWR_LTR_17395 | Polyvinyl Chloride | 6 | 31.32 | 0.04 | Lateral |
| SWR_LTR_17396 | Polyvinyl Chloride | 6 | 22.72 | 0.03 | Lateral |
| SWR_LTR_17397 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_17398 | Polyvinyl Chloride | 6 | 30.00 | 0.03 | Lateral |
| SWR_LTR_17399 | Polyvinyl Chloride | 6 | 39.60 | 0.04 | Lateral |
| SWR_LTR_17400 | Polyvinyl Chloride | 6 | 46.61 | 0.05 | Lateral |
| SWR_LTR_17401 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_17402 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_17403 | Polyvinyl Chloride | 6 | 26.29 | 0.03 | Lateral |
| SWR_LTR_17404 | Polyvinyl Chloride | 6 | 25.24 | 0.03 | Lateral |
| SWR_LTR_17405 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_17437 | Polyvinyl Chloride | 6 | 41.79 | 0.05 | Lateral |
| SWR_LTR_17438 | Polyvinyl Chloride | 6 | 29.17 | 0.03 | Lateral |
| SWR_LTR_17439 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_17440 | Polyvinyl Chloride | 6 | 29.19 | 0.03 | Lateral |
| SWR_LTR_17441 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_17442 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_17443 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_17444 | Polyvinyl Chloride | 6 | 32.70 | 0.04 | Lateral |
| SWR_LTR_17445 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_17446 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_17447 | Polyvinyl Chloride | 6 | 29.59 | 0.03 | Lateral |
| SWR_LTR_17448 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_17449 | Polyvinyl Chloride | 6 | 41.12 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17450 | Polyvinyl Chloride | 6 | 29.63 | 0.03 | Lateral |
| SWR_LTR_17451 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_17452 | Polyvinyl Chloride | 6 | 29.61 | 0.03 | Lateral |
| SWR_LTR_17453 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_17454 | Polyvinyl Chloride | 6 | 3.40 | 0.004 | Lateral |
| SWR_LTR_17455 | Polyvinyl Chloride | 6 | 8.39 | 0.01 | Lateral |
| SWR_LTR_17456 | Polyvinyl Chloride | 6 | 8.40 | 0.01 | Lateral |
| SWR_LTR_17457 | Polyvinyl Chloride | 6 | 20.39 | 0.02 | Lateral |
| SWR_LTR_17458 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_17459 | Polyvinyl Chloride | 6 | 12.49 | 0.01 | Lateral |
| SWR_LTR_17460 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_17461 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_17462 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_17463 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_17464 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_17465 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_1852 | Polyvinyl Chloride | 6 | 20.10 | 0.02 | Lateral |
| SWR_LTR_2157 | Polyvinyl Chloride | 6 | 35.03 | 0.04 | Lateral |
| SWR_LTR_2416 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_4311 | Polyvinyl Chloride | 4 | 29.21 | 0.02 | Lateral |
| SWR_LTR_4312 | Polyvinyl Chloride | 6 | 18.01 | 0.02 | Lateral |
| SWR_LTR_4314 | Polyvinyl Chloride | 6 | 39.03 | 0.04 | Lateral |
| SWR_LTR_4316 | Polyvinyl Chloride | 6 | 34.63 | 0.04 | Lateral |
| SWR_LTR_4318 | Polyvinyl Chloride | 6 | 39.66 | 0.05 | Lateral |
| SWR_LTR_4319 | Polyvinyl Chloride | 6 | 31.75 | 0.04 | Lateral |
| SWR_LTR_4320 | Polyvinyl Chloride | 6 | 21.68 | 0.02 | Lateral |
| SWR_LTR_4323 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_4324 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_4326 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_4329 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_4331 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_4333 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_4335 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_4336 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_4338 | Polyvinyl Chloride | 6 | 27.15 | 0.03 | Lateral |
| SWR_LTR_4340 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_4342 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_4344 | Polyvinyl Chloride | 6 | 20.16 | 0.02 | Lateral |
| SWR_LTR_4345 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_4346 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_4348 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_4807 | Polyvinyl Chloride | 6 | 25.07 | 0.03 | Lateral |
| SWR_LTR_4809 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_4811 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_4814 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_4816 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_4818 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_5240 | Polyvinyl Chloride | 6 | 16.66 | 0.02 | Lateral |
| SWR_LTR_5242 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_5244 | Polyvinyl Chloride | 6 | 26.28 | 0.03 | Lateral |
| SWR_LTR_5246 | Polyvinyl Chloride | 6 | 21.56 | 0.02 | Lateral |
| SWR_LTR_5248 | Polyvinyl Chloride | 6 | 22.78 | 0.03 | Lateral |
| SWR_LTR_5250 | Polyvinyl Chloride | 6 | 47.31 | 0.05 | Lateral |
| SWR_LTR_5252 | Polyvinyl Chloride | 6 | 39.80 | 0.05 | Lateral |
| SWR_LTR_6273 | Polyvinyl Chloride | 4 | 78.86 | 0.06 | Lateral |
| SWR_LTR_754 | Polyvinyl Chloride | 6 | 27.12 | 0.03 | Lateral |
| SWR_LTR_7665 | Polyvinyl Chloride | 4 | 40.92 | 0.03 | Lateral |
| SWR_LTR_7667 | Polyvinyl Chloride | 4 | 62.20 | 0.05 | Lateral |
| SWR_LTR_7669 | Polyvinyl Chloride | 4 | 30.71 | 0.02 | Lateral |
| SWR_LTR_7671 | Polyvinyl Chloride | 6 | 21.00 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7673 | Polyvinyl Chloride | 4 | 25.66 | 0.02 | Lateral |
| SWR_LTR_7743 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_7745 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_7747 | Polyvinyl Chloride | 6 | 22.72 | 0.03 | Lateral |
| SWR_LTR_7769 | Polyvinyl Chloride | 6 | 32.70 | 0.04 | Lateral |
| SWR_LTR_7771 | Polyvinyl Chloride | 6 | 31.69 | 0.04 | Lateral |
| SWR_LTR_7773 | Polyvinyl Chloride | 8 | 40.72 | 0.06 | Lateral |
| SWR_LTR_7774 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_7775 | Polyvinyl Chloride | 6 | 28.69 | 0.03 | Lateral |
| SWR_LTR_7776 | Polyvinyl Chloride | 6 | 44.55 | 0.05 | Lateral |
| SWR_LTR_7778 | Polyvinyl Chloride | 6 | 61.50 | 0.07 | Lateral |
| SWR_LTR_7780 | Polyvinyl Chloride | 6 | 24.84 | 0.03 | Lateral |
| SWR_LTR_7781 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_7783 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7785 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_7787 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_7789 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_7790 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_7906 | Polyvinyl Chloride | 6 | 31.04 | 0.04 | Lateral |
| SWR_LTR_7944 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_7946 | Polyvinyl Chloride | 6 | 25.17 | 0.03 | Lateral |
| SWR_LTR_7948 | Polyvinyl Chloride | 6 | 25.17 | 0.03 | Lateral |
| SWR_LTR_7950 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_7952 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_7954 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7956 | Polyvinyl Chloride | 4 | 28.70 | 0.02 | Lateral |
| SWR_LTR_7958 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_7960 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_7962 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_7964 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_7966 | Polyvinyl Chloride | 6 | 36.99 | 0.04 | Lateral |
| SWR_LTR_7968 | Polyvinyl Chloride | 6 | 38.49 | 0.04 | Lateral |
| SWR_LTR_7969 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_7970 | Polyvinyl Chloride | 6 | 29.01 | 0.03 | Lateral |
| SWR_LTR_7971 | Polyvinyl Chloride | 6 | 32.10 | 0.04 | Lateral |
| SWR_LTR_7972 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_7973 | Polyvinyl Chloride | 6 | 25.24 | 0.03 | Lateral |
| SWR_LTR_7974 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_7975 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_7976 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_8016 | Polyvinyl Chloride | 6 | 48.72 | 0.06 | Lateral |
| SWR_LTR_8017 | Polyvinyl Chloride | 6 | 48.72 | 0.06 | Lateral |
| SWR_LTR_8018 | Polyvinyl Chloride | 6 | 57.70 | 0.07 | Lateral |
| SWR_LTR_8019 | Polyvinyl Chloride | 6 | 57.71 | 0.07 | Lateral |
| SWR_LTR_8020 | Polyvinyl Chloride | 6 | 57.70 | 0.07 | Lateral |
| SWR_LTR_8091 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8157 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_8159 | Polyvinyl Chloride | 6 | 1.86 | 0.002 | Lateral |
| SWR_LTR_8163 | Polyvinyl Chloride | 6 | 23.17 | 0.03 | Lateral |
| SWR_LTR_8165 | Polyvinyl Chloride | 6 | 22.13 | 0.03 | Lateral |
| SWR_LTR_8167 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_8169 | Polyvinyl Chloride | 6 | 26.18 | 0.03 | Lateral |
| SWR_LTR_8171 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_8173 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_8175 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_8177 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_8179 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_8181 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_8183 | Polyvinyl Chloride | 6 | 13.99 | 0.02 | Lateral |
| SWR_LTR_8185 | Polyvinyl Chloride | 6 | 13.29 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8187 | Polyvinyl Chloride | 6 | 21.59 | 0.02 | Lateral |
| SWR_LTR_8189 | Polyvinyl Chloride | 6 | 21.18 | 0.02 | Lateral |
| SWR_LTR_8291 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_8293 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8295 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_8617 | Polyvinyl Chloride | 6 | 37.02 | 0.04 | Lateral |
| SWR_LTR_8619 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_8620 | Polyvinyl Chloride | 6 | 31.71 | 0.04 | Lateral |
| SWR_LTR_8621 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_8622 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_8623 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_8625 | Polyvinyl Chloride | 6 | 29.62 | 0.03 | Lateral |
| SWR_LTR_8627 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_8628 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8629 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8631 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_8632 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8747 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_8748 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_8749 | Polyvinyl Chloride | 6 | 20.99 | 0.02 | Lateral |
| SWR_LTR_8750 | Polyvinyl Chloride | 6 | 44.01 | 0.05 | Lateral |
| SWR_LTR_8751 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_8752 | Polyvinyl Chloride | 6 | 44.23 | 0.05 | Lateral |
| SWR_LTR_8754 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_8756 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_8758 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_8760 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_8762 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_8763 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_8765 | Polyvinyl Chloride | 6 | 26.57 | 0.03 | Lateral |
| SWR_LTR_8766 | Polyvinyl Chloride | 6 | 46.19 | 0.05 | Lateral |
| SWR_LTR_8768 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_8769 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_8770 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_8771 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_8772 | Polyvinyl Chloride | 6 | 17.50 | 0.02 | Lateral |
| SWR_LTR_8773 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_8775 | Polyvinyl Chloride | 6 | 17.72 | 0.02 | Lateral |
| SWR_LTR_8777 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_8779 | Polyvinyl Chloride | 6 | 17.71 | 0.02 | Lateral |
| SWR_LTR_8781 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_8783 | Polyvinyl Chloride | 6 | 29.62 | 0.03 | Lateral |
| SWR_LTR_8785 | Polyvinyl Chloride | 6 | 29.19 | 0.03 | Lateral |
| SWR_LTR_8787 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_8789 | Polyvinyl Chloride | 6 | 13.20 | 0.02 | Lateral |
| SWR_LTR_8791 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_8793 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_8795 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_8797 | Polyvinyl Chloride | 6 | 25.70 | 0.03 | Lateral |
| SWR_LTR_8799 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_8801 | Polyvinyl Chloride | 6 | 32.50 | 0.04 | Lateral |
| SWR_LTR_8803 | Polyvinyl Chloride | 6 | 27.49 | 0.03 | Lateral |
| SWR_LTR_8805 | Polyvinyl Chloride | 6 | 32.73 | 0.04 | Lateral |
| SWR_LTR_8806 | Polyvinyl Chloride | 6 | 32.71 | 0.04 | Lateral |
| SWR_LTR_8807 | Polyvinyl Chloride | 6 | 27.69 | 0.03 | Lateral |
| SWR_LTR_8809 | Polyvinyl Chloride | 6 | 27.74 | 0.03 | Lateral |
| SWR_LTR_8811 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_8812 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_8813 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_8814 | Polyvinyl Chloride | 6 | 27.65 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8815 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_8816 | Polyvinyl Chloride | 6 | 29.19 | 0.03 | Lateral |
| SWR_LTR_8817 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_8818 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_8819 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_8820 | Polyvinyl Chloride | 6 | 29.59 | 0.03 | Lateral |
| SWR_LTR_8822 | Polyvinyl Chloride | 6 | 29.18 | 0.03 | Lateral |
| SWR_LTR_8824 | Polyvinyl Chloride | 6 | 29.18 | 0.03 | Lateral |
| SWR_LTR_8826 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_8828 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_8863 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8864 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_8865 | Polyvinyl Chloride | 6 | 22.48 | 0.03 | Lateral |
| SWR_LTR_8866 | Polyvinyl Chloride | 6 | 17.86 | 0.02 | Lateral |
| SWR_LTR_8867 | Polyvinyl Chloride | 6 | 21.16 | 0.02 | Lateral |
| SWR_LTR_8868 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_8869 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8871 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_9081 | Polyvinyl Chloride | 6 | 24.95 | 0.03 | Lateral |
| SWR_LTR_9083 | Polyvinyl Chloride | 6 | 57.20 | 0.07 | Lateral |
| SWR_LTR_9085 | Polyvinyl Chloride | 6 | 57.19 | 0.06 | Lateral |
| SWR_LTR_9086 | Polyvinyl Chloride | 6 | 57.20 | 0.06 | Lateral |
| SWR_LTR_9087 | Polyvinyl Chloride | 6 | 48.19 | 0.05 | Lateral |
| SWR_LTR_9088 | Polyvinyl Chloride | 6 | 47.94 | 0.05 | Lateral |
| SWR_LTR_9089 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_9090 | Polyvinyl Chloride | 6 | 43.24 | 0.05 | Lateral |
| SWR_LTR_9091 | Polyvinyl Chloride | 6 | 41.70 | 0.05 | Lateral |
| SWR_LTR_9093 | Polyvinyl Chloride | 6 | 56.49 | 0.06 | Lateral |
| SWR_LTR_9094 | Polyvinyl Chloride | 6 | 57.22 | 0.07 | Lateral |
| SWR_LTR_9095 | Polyvinyl Chloride | 6 | 58.97 | 0.07 | Lateral |
| SWR_LTR_9097 | Polyvinyl Chloride | 6 | 46.89 | 0.05 | Lateral |
| SWR_LTR_9098 | Polyvinyl Chloride | 6 | 57.21 | 0.07 | Lateral |
| SWR_LTR_9099 | Polyvinyl Chloride | 6 | 58.09 | 0.07 | Lateral |
| SWR_LTR_9100 | Polyvinyl Chloride | 6 | 48.60 | 0.06 | Lateral |
| SWR_LTR_9101 | Polyvinyl Chloride | 6 | 48.71 | 0.06 | Lateral |
| SWR_LTR_9102 | Polyvinyl Chloride | 6 | 48.67 | 0.06 | Lateral |
| SWR_LTR_9104 | Polyvinyl Chloride | 6 | 20.51 | 0.02 | Lateral |
| SWR_LTR_9106 | Polyvinyl Chloride | 6 | 38.71 | 0.04 | Lateral |
| SWR_LTR_9108 | Polyvinyl Chloride | 6 | 34.54 | 0.04 | Lateral |
| SWR_LTR_9133 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_9134 | Polyvinyl Chloride | 6 | 3.68 | 0.004 | Lateral |
| SWR_LTR_9136 | Polyvinyl Chloride | 6 | 14.62 | 0.02 | Lateral |
| SWR_LTR_9137 | Polyvinyl Chloride | 6 | 11.67 | 0.01 | Lateral |
| SWR_LTR_9139 | Polyvinyl Chloride | 8 | 18.04 | 0.03 | Lateral |
| SWR_LTR_9140 | Polyvinyl Chloride | 8 | 20.13 | 0.03 | Lateral |
| SWR_LTR_9142 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_9143 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_9144 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_9145 | Polyvinyl Chloride | 6 | 17.12 | 0.02 | Lateral |
| SWR_LTR_9146 | Polyvinyl Chloride | 6 | 17.01 | 0.02 | Lateral |
| SWR_LTR_9148 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_9149 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_9150 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_9151 | Polyvinyl Chloride | 6 | 25.91 | 0.03 | Lateral |
| SWR_LTR_9153 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_9154 | Polyvinyl Chloride | 6 | 28.37 | 0.03 | Lateral |
| SWR_LTR_9156 | Polyvinyl Chloride | 6 | 22.19 | 0.03 | Lateral |
| SWR_LTR_9157 | Polyvinyl Chloride | 6 | 21.63 | 0.02 | Lateral |
| SWR_LTR_9161 | Polyvinyl Chloride | 6 | 23.45 | 0.03 | Lateral |
| SWR_LTR_9162 | Polyvinyl Chloride | 4 | 27.75 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1A**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|------------------------|------------------------|-------------------------------------|---------------------------------|-------------------|-------------------------------|
| SWR_LTR_9163 | Polyvinyl Chloride | 4 | 33.60 | 0.03 | Lateral |
| SWR_LTR_9165 | Polyvinyl Chloride | 6 | 29.44 | 0.03 | Lateral |
| SWR_LTR_9166 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1096 | Concrete (Non-Reinforced) | 8 | 135.12 | 0.20 | Main |
| SWR_GRV_1323 | Concrete (Non-Reinforced) | 8 | 230.00 | 0.35 | Main |
| SWR_GRV_1325 | Concrete (Non-Reinforced) | 8 | 320.24 | 0.49 | Main |
| SWR_GRV_1333 | Concrete (Non-Reinforced) | 15 | 7.43 | 0.02 | Main |
| SWR_GRV_1334 | Concrete (Non-Reinforced) | 18 | 6.36 | 0.02 | Main |
| SWR_GRV_1335 | Concrete (Non-Reinforced) | 8 | 37.12 | 0.06 | Main |
| SWR_GRV_1336 | High Density Polyethylene | 8 | 38.17 | 0.06 | Main |
| SWR_GRV_1337 | Concrete (Non-Reinforced) | 12 | 201.57 | 0.46 | Main |
| SWR_GRV_1338 | Concrete (Non-Reinforced) | 8 | 334.35 | 0.51 | Main |
| SWR_GRV_1339 | Concrete (Non-Reinforced) | 8 | 51.21 | 0.08 | Main |
| SWR_GRV_1341 | Concrete (Non-Reinforced) | 8 | 38.52 | 0.06 | Main |
| SWR_GRV_1343 | Concrete (Non-Reinforced) | 8 | 171.01 | 0.26 | Main |
| SWR_GRV_1344 | Concrete (Non-Reinforced) | 8 | 198.14 | 0.30 | Main |
| SWR_GRV_1345 | Cast Iron | 8 | 329.98 | 0.50 | Main |
| SWR_GRV_1386 | Concrete (Non-Reinforced) | 15 | 330.22 | 0.94 | Main |
| SWR_GRV_1387 | Concrete (Non-Reinforced) | 12 | 34.44 | 0.08 | Main |
| SWR_GRV_1388 | Concrete (Non-Reinforced) | 12 | 16.45 | 0.04 | Main |
| SWR_GRV_1389 | Concrete (Non-Reinforced) | 12 | 193.33 | 0.44 | Main |
| SWR_GRV_1390 | Concrete (Non-Reinforced) | 15 | 54.76 | 0.16 | Main |
| SWR_GRV_1391 | Concrete (Non-Reinforced) | 18 | 319.28 | 1.09 | Main |
| SWR_GRV_1392 | Concrete (Non-Reinforced) | 15 | 201.34 | 0.57 | Main |
| SWR_GRV_1393 | Concrete (Non-Reinforced) | 18 | 270.88 | 0.92 | Main |
| SWR_GRV_1394 | Concrete (Non-Reinforced) | 18 | 256.13 | 0.87 | Main |
| SWR_GRV_1395 | Concrete (Non-Reinforced) | 18 | 259.87 | 0.89 | Main |
| SWR_GRV_1397 | Concrete (Non-Reinforced) | 8 | 52.37 | 0.08 | Main |
| SWR_GRV_1398 | Concrete (Non-Reinforced) | 8 | 177.50 | 0.27 | Main |
| SWR_GRV_1401 | Concrete (Non-Reinforced) | 12 | 70.77 | 0.16 | Main |
| SWR_GRV_1402 | Concrete (Non-Reinforced) | 12 | 31.55 | 0.07 | Main |
| SWR_GRV_1503 | Concrete (Non-Reinforced) | 8 | 300.00 | 0.45 | Main |
| SWR_GRV_1504 | Concrete (Non-Reinforced) | 8 | 180.50 | 0.27 | Main |
| SWR_GRV_1506 | Concrete (Non-Reinforced) | 8 | 230.75 | 0.35 | Main |
| SWR_GRV_1507 | Concrete (Non-Reinforced) | 8 | 491.00 | 0.74 | Main |
| SWR_GRV_1508 | Concrete (Non-Reinforced) | 15 | 65.94 | 0.19 | Main |
| SWR_GRV_1509 | Concrete (Non-Reinforced) | 6 | 328.78 | 0.37 | Main |
| SWR_GRV_1582 | Concrete (Non-Reinforced) | 8 | 64.90 | 0.10 | Main |
| SWR_GRV_1583 | Concrete (Non-Reinforced) | 10 | 171.57 | 0.32 | Main |
| SWR_GRV_1584 | Concrete (Non-Reinforced) | 10 | 138.21 | 0.26 | Main |
| SWR_GRV_1585 | Concrete (Non-Reinforced) | 8 | 70.78 | 0.11 | Main |
| SWR_GRV_1586 | Concrete (Non-Reinforced) | 8 | 399.77 | 0.61 | Main |
| SWR_GRV_1587 | Concrete (Non-Reinforced) | 8 | 365.52 | 0.55 | Main |
| SWR_GRV_1588 | Concrete (Non-Reinforced) | 8 | 340.38 | 0.52 | Main |
| SWR_GRV_1590 | Concrete (Non-Reinforced) | 8 | 379.88 | 0.58 | Main |
| SWR_GRV_1591 | Concrete (Non-Reinforced) | 8 | 47.24 | 0.07 | Main |
| SWR_GRV_1592 | Concrete (Non-Reinforced) | 8 | 27.00 | 0.04 | Main |
| SWR_GRV_1603 | Concrete (Non-Reinforced) | 6 | 23.10 | 0.03 | Main |
| SWR_GRV_1656 | Concrete (Non-Reinforced) | 8 | 449.64 | 0.68 | Main |
| SWR_GRV_1657 | Concrete (Non-Reinforced) | 12 | 42.96 | 0.10 | Main |
| SWR_GRV_1658 | Concrete (Non-Reinforced) | 15 | 208.77 | 0.59 | Main |
| SWR_GRV_1675 | Concrete (Non-Reinforced) | 12 | 63.90 | 0.15 | Main |
| SWR_GRV_1755 | Concrete (Non-Reinforced) | 8 | 273.10 | 0.41 | Main |
| SWR_GRV_1756 | Concrete (Non-Reinforced) | 8 | 275.30 | 0.42 | Main |
| SWR_GRV_1757 | Concrete (Non-Reinforced) | 8 | 238.17 | 0.36 | Main |
| SWR_GRV_1758 | Concrete (Non-Reinforced) | 8 | 462.37 | 0.70 | Main |
| SWR_GRV_1759 | Concrete (Non-Reinforced) | 8 | 41.21 | 0.06 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|---------------------------|--------------------------|----------------------|------------|------------------------|
| SWR_GRV_1760 | Concrete (Non-Reinforced) | 8 | 41.82 | 0.06 | Main |
| SWR_GRV_1763 | Concrete (Non-Reinforced) | 8 | 27.60 | 0.04 | Main |
| SWR_GRV_1770 | Concrete (Non-Reinforced) | 8 | 350.31 | 0.53 | Main |
| SWR_GRV_1771 | Concrete (Non-Reinforced) | 8 | 233.57 | 0.35 | Main |
| SWR_GRV_1772 | Concrete (Non-Reinforced) | 12 | 194.93 | 0.44 | Main |
| SWR_GRV_1773 | Concrete (Non-Reinforced) | 12 | 194.79 | 0.44 | Main |
| SWR_GRV_1774 | Concrete (Non-Reinforced) | 12 | 193.94 | 0.44 | Main |
| SWR_GRV_1775 | Concrete (Non-Reinforced) | 12 | 203.46 | 0.46 | Main |
| SWR_GRV_1776 | Concrete (Non-Reinforced) | 8 | 361.32 | 0.55 | Main |
| SWR_GRV_1777 | Concrete (Non-Reinforced) | 8 | 509.02 | 0.77 | Main |
| SWR_GRV_1778 | Concrete (Non-Reinforced) | 8 | 259.60 | 0.39 | Main |
| SWR_GRV_1780 | Concrete (Non-Reinforced) | 8 | 278.79 | 0.42 | Main |
| SWR_GRV_1790 | Concrete (Non-Reinforced) | 8 | 400.00 | 0.61 | Main |
| SWR_GRV_1791 | Concrete (Non-Reinforced) | 15 | 8.60 | 0.02 | Main |
| SWR_GRV_1826 | Concrete (Non-Reinforced) | 8 | 41.31 | 0.06 | Main |
| SWR_GRV_1827 | Concrete (Non-Reinforced) | 8 | 49.90 | 0.08 | Main |
| SWR_GRV_1828 | Concrete (Non-Reinforced) | 8 | 268.76 | 0.41 | Main |
| SWR_GRV_1829 | Concrete (Non-Reinforced) | 8 | 45.15 | 0.07 | Main |
| SWR_GRV_1831 | Concrete (Non-Reinforced) | 8 | 151.83 | 0.23 | Main |
| SWR_GRV_1832 | Concrete (Non-Reinforced) | 8 | 225.00 | 0.34 | Main |
| SWR_GRV_1833 | Concrete (Non-Reinforced) | 8 | 137.78 | 0.21 | Main |
| SWR_GRV_1840 | Concrete (Non-Reinforced) | 8 | 16.99 | 0.03 | Main |
| SWR_GRV_1842 | Vitrified Clay | 8 | 16.32 | 0.02 | Main |
| SWR_GRV_1843 | Vitrified Clay | 8 | 52.75 | 0.08 | Main |
| SWR_GRV_1844 | Vitrified Clay | 12 | 90.10 | 0.20 | Main |
| SWR_GRV_1845 | Vitrified Clay | 12 | 22.11 | 0.05 | Main |
| SWR_GRV_1846 | Vitrified Clay | 12 | 245.50 | 0.56 | Main |
| SWR_GRV_1847 | Vitrified Clay | 12 | 7.75 | 0.02 | Main |
| SWR_GRV_1848 | Vitrified Clay | 12 | 28.89 | 0.07 | Main |
| SWR_GRV_1849 | Vitrified Clay | 12 | 22.21 | 0.05 | Main |
| SWR_GRV_1850 | Cast Iron | 12 | 16.24 | 0.04 | Main |
| SWR_GRV_18571 | Other | 12 | 80.64 | 0.18 | Main |
| SWR_GRV_18573 | Other | 8 | 215.87 | 0.33 | Main |
| SWR_GRV_1877 | Vitrified Clay | 8 | 16.32 | 0.02 | Main |
| SWR_GRV_1877 | Vitrified Clay | 8 | 16.32 | 0.02 | Main |
| SWR_GRV_1878 | Vitrified Clay | 8 | 306.23 | 0.46 | Main |
| SWR_GRV_1879 | Vitrified Clay | 8 | 52.74 | 0.08 | Main |
| SWR_GRV_1880 | Vitrified Clay | 12 | 90.10 | 0.20 | Main |
| SWR_GRV_1881 | Vitrified Clay | 12 | 121.61 | 0.28 | Main |
| SWR_GRV_1882 | Vitrified Clay | 12 | 220.94 | 0.50 | Main |
| SWR_GRV_18822 | Polyvinyl Chloride | 8 | 263.34 | 0.40 | Main |
| SWR_GRV_1883 | Vitrified Clay | 12 | 22.12 | 0.05 | Main |
| SWR_GRV_1884 | Vitrified Clay | 12 | 245.50 | 0.56 | Main |
| SWR_GRV_1885 | Vitrified Clay | 12 | 7.75 | 0.02 | Main |
| SWR_GRV_1886 | Vitrified Clay | 12 | 164.33 | 0.37 | Main |
| SWR_GRV_1887 | Vitrified Clay | 12 | 14.45 | 0.03 | Main |
| SWR_GRV_1888 | Vitrified Clay | 12 | 222.27 | 0.51 | Main |
| SWR_GRV_1889 | Vitrified Clay | 12 | 28.89 | 0.07 | Main |
| SWR_GRV_1890 | Vitrified Clay | 12 | 22.22 | 0.05 | Main |
| SWR_GRV_1891 | Vitrified Clay | 12 | 70.28 | 0.16 | Main |
| SWR_GRV_1892 | Vitrified Clay | 14 | 8.28 | 0.02 | Main |
| SWR_GRV_18931 | Terra Cotta | 16 | 32.15 | 0.10 | Main |
| SWR_GRV_1894 | Cast Iron | 18 | 17.69 | 0.06 | Main |
| SWR_GRV_1895 | Cast Iron | 18 | 236.69 | 0.81 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_19204 | Terra Cotta | 18 | 8.40 | 0.03 | Main |
| SWR_GRV_19206 | Terra Cotta | 15 | 148.83 | 0.42 | Main |
| SWR_GRV_19208 | Polyvinyl Chloride | 12 | 301.39 | 0.68 | Main |
| SWR_GRV_19215 | Terra Cotta | 16 | 223.21 | 0.68 | Main |
| SWR_GRV_19236 | Polyvinyl Chloride | 24 | 13.63 | 0.06 | Main |
| SWR_GRV_19237 | Polyvinyl Chloride | 24 | 128.48 | 0.58 | Main |
| SWR_GRV_19243 | Polyvinyl Chloride | 24 | 163.92 | 0.75 | Main |
| SWR_GRV_19244 | Polyvinyl Chloride | 24 | 174.17 | 0.79 | Main |
| SWR_GRV_207 | Polyvinyl Chloride | 8 | 10.43 | 0.02 | Main |
| SWR_GRV_211 | Polyvinyl Chloride | 10 | 39.20 | 0.07 | Main |
| SWR_GRV_212 | Polyvinyl Chloride | 10 | 37.12 | 0.07 | Main |
| SWR_GRV_213 | Polyvinyl Chloride | 10 | 104.46 | 0.20 | Main |
| SWR_GRV_214 | Polyvinyl Chloride | 10 | 127.56 | 0.24 | Main |
| SWR_GRV_216 | Polyvinyl Chloride | 8 | 72.21 | 0.11 | Main |
| SWR_GRV_2184 | Concrete (Non-Reinforced) | 10 | 123.85 | 0.23 | Main |
| SWR_GRV_2186 | Polyvinyl Chloride | 8 | 57.71 | 0.09 | Main |
| SWR_GRV_2189 | Polyvinyl Chloride | 8 | 241.55 | 0.37 | Main |
| SWR_GRV_219 | Polyvinyl Chloride | 10 | 274.88 | 0.52 | Main |
| SWR_GRV_2191 | Polyvinyl Chloride | 8 | 113.39 | 0.17 | Main |
| SWR_GRV_2192 | Polyvinyl Chloride | 8 | 68.62 | 0.10 | Main |
| SWR_GRV_2193 | Polyvinyl Chloride | 8 | 215.00 | 0.33 | Main |
| SWR_GRV_2194 | Polyvinyl Chloride | 8 | 19.94 | 0.03 | Main |
| SWR_GRV_2195 | Polyvinyl Chloride | 8 | 164.65 | 0.25 | Main |
| SWR_GRV_2197 | Concrete (Non-Reinforced) | 15 | 87.16 | 0.25 | Main |
| SWR_GRV_221 | Polyvinyl Chloride | 10 | 98.08 | 0.19 | Main |
| SWR_GRV_229 | Polyvinyl Chloride | 8 | 18.09 | 0.03 | Main |
| SWR_GRV_234 | Polyvinyl Chloride | 16 | 184.90 | 0.56 | Main |
| SWR_GRV_236 | Polyvinyl Chloride | 8 | 79.15 | 0.12 | Main |
| SWR_GRV_237 | Polyvinyl Chloride | 12 | 383.56 | 0.87 | Main |
| SWR_GRV_2387 | Other | 8 | 14.33 | 0.02 | Main |
| SWR_GRV_252 | Polyvinyl Chloride | 16 | 59.44 | 0.18 | Main |
| SWR_GRV_256 | Polyvinyl Chloride | 16 | 59.44 | 0.18 | Main |
| SWR_GRV_257 | Polyvinyl Chloride | 16 | 59.17 | 0.18 | Main |
| SWR_GRV_258 | Polyvinyl Chloride | 18 | 317.59 | 1.08 | Main |
| SWR_GRV_28 | Concrete (Non-Reinforced) | 6 | 140.00 | 0.16 | Main |
| SWR_GRV_32 | Concrete (Non-Reinforced) | 8 | 61.50 | 0.09 | Main |
| SWR_GRV_3327 | Terra Cotta | 18 | 42.70 | 0.15 | Main |
| SWR_GRV_3330 | Terra Cotta | 18 | 25.86 | 0.09 | Main |
| SWR_GRV_3562 | Polyvinyl Chloride | 10 | 20.80 | 0.04 | Main |
| SWR_GRV_4270 | Terra Cotta | 8 | 327.01 | 0.50 | Main |
| SWR_GRV_4275 | Polyvinyl Chloride | 8 | 256.71 | 0.39 | Main |
| SWR_GRV_4282 | Terra Cotta | 8 | 115.01 | 0.17 | Main |
| SWR_GRV_4285 | Terra Cotta | 15 | 178.39 | 0.51 | Main |
| SWR_GRV_468 | Concrete (Non-Reinforced) | 15 | 11.42 | 0.03 | Main |
| SWR_GRV_469 | Concrete (Non-Reinforced) | 8 | 115.15 | 0.17 | Main |
| SWR_GRV_470 | Concrete (Non-Reinforced) | 8 | 147.63 | 0.22 | Main |
| SWR_GRV_4824 | Polyvinyl Chloride | 12 | 117.72 | 0.27 | Main |
| SWR_GRV_4826 | Polyvinyl Chloride | 12 | 92.54 | 0.21 | Main |
| SWR_GRV_541 | Concrete (Non-Reinforced) | 8 | 124.46 | 0.19 | Main |
| SWR_GRV_544 | Concrete (Non-Reinforced) | 12 | 126.72 | 0.29 | Main |
| SWR_GRV_545 | Concrete (Non-Reinforced) | 16 | 75.56 | 0.23 | Main |
| SWR_GRV_546 | Concrete (Non-Reinforced) | 10 | 249.92 | 0.47 | Main |
| SWR_GRV_547 | Concrete (Non-Reinforced) | 10 | 79.03 | 0.15 | Main |
| SWR_GRV_5479 | Terra Cotta | 8 | 319.02 | 0.48 | Main |
| SWR_GRV_57 | Vitrified Clay | 14 | 8.28 | 0.02 | Main |
| SWR_GRV_6243 | Terra Cotta | 10 | 7.61 | 0.01 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_6245 | Terra Cotta | 10 | 195.24 | 0.37 | Main |
| SWR_GRV_6247 | Terra Cotta | 10 | 194.84 | 0.37 | Main |
| SWR_GRV_6342 | Terra Cotta | 12 | 312.26 | 0.71 | Main |
| SWR_GRV_6344 | Terra Cotta | 15 | 195.62 | 0.56 | Main |
| SWR_GRV_6346 | Terra Cotta | 8 | 7.67 | 0.01 | Main |
| SWR_GRV_6348 | Terra Cotta | 12 | 300.24 | 0.68 | Main |
| SWR_GRV_6350 | Terra Cotta | 18 | 203.10 | 0.69 | Main |
| SWR_GRV_6353 | Polyvinyl Chloride | 8 | 192.43 | 0.29 | Main |
| SWR_GRV_6363 | Terra Cotta | 18 | 302.52 | 1.03 | Main |
| SWR_GRV_6369 | Terra Cotta | 16 | 89.13 | 0.27 | Main |
| SWR_GRV_6371 | Terra Cotta | 12 | 191.51 | 0.44 | Main |
| SWR_GRV_6373 | Vitrified Clay | 8 | 188.00 | 0.28 | Main |
| SWR_GRV_6375 | Vitrified Clay | 8 | 205.31 | 0.31 | Main |
| SWR_GRV_6383 | Terra Cotta | 10 | 45.91 | 0.09 | Main |
| SWR_GRV_6387 | Polyvinyl Chloride | 8 | 57.68 | 0.09 | Main |
| SWR_GRV_6389 | Terra Cotta | 12 | 6.11 | 0.01 | Main |
| SWR_GRV_6391 | Terra Cotta | 12 | 6.40 | 0.01 | Main |
| SWR_GRV_6397 | Polyvinyl Chloride | 8 | 119.90 | 0.18 | Main |
| SWR_GRV_6399 | Terra Cotta | 18 | 410.61 | 1.40 | Main |
| SWR_GRV_6415 | Terra Cotta | 8 | 38.76 | 0.06 | Main |
| SWR_GRV_6417 | Terra Cotta | 8 | 236.10 | 0.36 | Main |
| SWR_GRV_6419 | Terra Cotta | 8 | 372.12 | 0.56 | Main |
| SWR_GRV_6421 | Terra Cotta | 8 | 135.40 | 0.21 | Main |
| SWR_GRV_6425 | Terra Cotta | 10 | 38.99 | 0.07 | Main |
| SWR_GRV_6427 | Terra Cotta | 10 | 83.33 | 0.16 | Main |
| SWR_GRV_6429 | Terra Cotta | 10 | 168.65 | 0.32 | Main |
| SWR_GRV_6431 | Terra Cotta | 8 | 202.28 | 0.31 | Main |
| SWR_GRV_6433 | Terra Cotta | 8 | 185.21 | 0.28 | Main |
| SWR_GRV_6436 | Polyvinyl Chloride | 8 | 97.40 | 0.15 | Main |
| SWR_GRV_6439 | Terra Cotta | 10 | 136.87 | 0.26 | Main |
| SWR_GRV_6539 | Terra Cotta | 8 | 399.51 | 0.61 | Main |
| SWR_GRV_6541 | Terra Cotta | 8 | 450.83 | 0.68 | Main |
| SWR_GRV_6543 | Terra Cotta | 8 | 460.72 | 0.70 | Main |
| SWR_GRV_6545 | Polyvinyl Chloride | 24 | 201.12 | 0.91 | Main |
| SWR_GRV_6547 | Polyvinyl Chloride | 24 | 233.19 | 1.06 | Main |
| SWR_GRV_6549 | Polyvinyl Chloride | 24 | 220.22 | 1.00 | Main |
| SWR_GRV_6594 | Terra Cotta | 18 | 365.79 | 1.25 | Main |
| SWR_GRV_6596 | Terra Cotta | 8 | 375.62 | 0.57 | Main |
| SWR_GRV_6598 | Terra Cotta | 8 | 311.57 | 0.47 | Main |
| SWR_GRV_6600 | Terra Cotta | 15 | 9.23 | 0.03 | Main |
| SWR_GRV_6602 | Terra Cotta | 15 | 24.93 | 0.07 | Main |
| SWR_GRV_6604 | Terra Cotta | 15 | 258.00 | 0.73 | Main |
| SWR_GRV_6606 | Polyvinyl Chloride | 18 | 67.84 | 0.23 | Main |
| SWR_GRV_6608 | Terra Cotta | 18 | 447.76 | 1.53 | Main |
| SWR_GRV_6610 | Terra Cotta | 21 | 450.01 | 1.79 | Main |
| SWR_GRV_6615 | Vitrified Clay | 12 | 76.01 | 0.17 | Main |
| SWR_GRV_6621 | Terra Cotta | 21 | 341.54 | 1.36 | Main |
| SWR_GRV_6624 | Terra Cotta | 8 | 138.39 | 0.21 | Main |
| SWR_GRV_6626 | Terra Cotta | 8 | 28.97 | 0.04 | Main |
| SWR_GRV_6629 | Terra Cotta | 15 | 9.81 | 0.03 | Main |
| SWR_GRV_6633 | Polyvinyl Chloride | 15 | 234.39 | 0.67 | Main |
| SWR_GRV_6635 | Terra Cotta | 15 | 97.24 | 0.28 | Main |
| SWR_GRV_6639 | Terra Cotta | 15 | 195.73 | 0.56 | Main |
| SWR_GRV_6641 | Terra Cotta | 15 | 252.38 | 0.72 | Main |
| SWR_GRV_6649 | Terra Cotta | 10 | 190.83 | 0.36 | Main |
| SWR_GRV_6651 | Terra Cotta | 18 | 263.28 | 0.90 | Main |
| SWR_GRV_6653 | Terra Cotta | 15 | 269.42 | 0.77 | Main |
| SWR_GRV_6663 | Terra Cotta | 12 | 44.77 | 0.10 | Main |
| SWR_GRV_6664 | Terra Cotta | 18 | 434.77 | 1.48 | Main |
| SWR_GRV_6667 | Polyvinyl Chloride | 15 | 20.12 | 0.06 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_6670 | Terra Cotta | 8 | 194.50 | 0.29 | Main |
| SWR_GRV_6674 | Terra Cotta | 12 | 36.89 | 0.08 | Main |
| SWR_GRV_6681 | Terra Cotta | 18 | 96.87 | 0.33 | Main |
| SWR_GRV_6683 | Terra Cotta | 15 | 235.63 | 0.67 | Main |
| SWR_GRV_6685 | Polyvinyl Chloride | 10 | 299.67 | 0.57 | Main |
| SWR_GRV_689 | Concrete (Non-Reinforced) | 8 | 220.44 | 0.33 | Main |
| SWR_GRV_690 | Concrete (Non-Reinforced) | 8 | 315.82 | 0.48 | Main |
| SWR_GRV_691 | Concrete (Non-Reinforced) | 8 | 98.93 | 0.15 | Main |
| SWR_GRV_692 | Concrete (Non-Reinforced) | 8 | 135.19 | 0.20 | Main |
| SWR_GRV_693 | Concrete (Non-Reinforced) | 8 | 89.33 | 0.14 | Main |
| SWR_GRV_6953 | Polyvinyl Chloride | 8 | 285.30 | 0.43 | Main |
| SWR_GRV_6955 | Polyvinyl Chloride | 8 | 296.44 | 0.45 | Main |
| SWR_GRV_6957 | Polyvinyl Chloride | 8 | 6.76 | 0.01 | Main |
| SWR_GRV_6959 | Polyvinyl Chloride | 8 | 230.62 | 0.35 | Main |
| SWR_GRV_6961 | Polyvinyl Chloride | 8 | 125.03 | 0.19 | Main |
| SWR_GRV_6963 | Polyvinyl Chloride | 8 | 506.19 | 0.77 | Main |
| SWR_GRV_6965 | Terra Cotta | 12 | 211.65 | 0.48 | Main |
| SWR_GRV_6967 | Terra Cotta | 12 | 419.22 | 0.95 | Main |
| SWR_GRV_6969 | Terra Cotta | 10 | 302.19 | 0.57 | Main |
| SWR_GRV_6971 | Terra Cotta | 12 | 20.53 | 0.05 | Main |
| SWR_GRV_6973 | Terra Cotta | 12 | 58.66 | 0.13 | Main |
| SWR_GRV_6975 | Polyvinyl Chloride | 12 | 243.89 | 0.55 | Main |
| SWR_GRV_6977 | Terra Cotta | 12 | 87.86 | 0.20 | Main |
| SWR_GRV_6979 | Terra Cotta | 12 | 126.78 | 0.29 | Main |
| SWR_GRV_6983 | Terra Cotta | 8 | 23.42 | 0.04 | Main |
| SWR_GRV_6985 | Terra Cotta | 8 | 23.43 | 0.04 | Main |
| SWR_GRV_7068 | Polyvinyl Chloride | 8 | 349.09 | 0.53 | Main |
| SWR_GRV_7077 | Terra Cotta | 10 | 10.96 | 0.02 | Main |
| SWR_GRV_7079 | Terra Cotta | 8 | 185.01 | 0.28 | Main |
| SWR_GRV_7081 | Terra Cotta | 8 | 201.01 | 0.30 | Main |
| SWR_GRV_7083 | Terra Cotta | 8 | 220.23 | 0.33 | Main |
| SWR_GRV_7085 | Polyvinyl Chloride | 8 | 67.14 | 0.10 | Main |
| SWR_GRV_7087 | Polyvinyl Chloride | 8 | 293.12 | 0.44 | Main |
| SWR_GRV_7089 | Polyvinyl Chloride | 8 | 105.23 | 0.16 | Main |
| SWR_GRV_7169 | Terra Cotta | 12 | 330.10 | 0.75 | Main |
| SWR_GRV_7297 | Polyvinyl Chloride | 24 | 59.02 | 0.27 | Main |
| SWR_GRV_7416 | Terra Cotta | 15 | 124.49 | 0.35 | Main |
| SWR_GRV_7417 | Terra Cotta | 15 | 163.21 | 0.46 | Main |
| SWR_GRV_7419 | Terra Cotta | 15 | 248.53 | 0.71 | Main |
| SWR_GRV_7421 | Terra Cotta | 18 | 195.92 | 0.67 | Main |
| SWR_GRV_7423 | Terra Cotta | 18 | 221.37 | 0.75 | Main |
| SWR_GRV_7425 | Polyvinyl Chloride | 8 | 311.49 | 0.47 | Main |
| SWR_GRV_7427 | Polyvinyl Chloride | 8 | 324.37 | 0.49 | Main |
| SWR_GRV_7429 | Polyvinyl Chloride | 8 | 150.70 | 0.23 | Main |
| SWR_GRV_7431 | Polyvinyl Chloride | 8 | 299.67 | 0.45 | Main |
| SWR_GRV_7434 | Terra Cotta | 8 | 390.20 | 0.59 | Main |
| SWR_GRV_7471 | Polyvinyl Chloride | 10 | 39.99 | 0.08 | Main |
| SWR_GRV_7473 | Terra Cotta | 8 | 26.42 | 0.04 | Main |
| SWR_GRV_7475 | Polyvinyl Chloride | 10 | 139.59 | 0.26 | Main |
| SWR_GRV_7546 | Polyvinyl Chloride | 8 | 179.50 | 0.27 | Main |
| SWR_GRV_7548 | Polyvinyl Chloride | 8 | 222.64 | 0.34 | Main |
| SWR_GRV_7550 | Polyvinyl Chloride | 8 | 196.30 | 0.30 | Main |
| SWR_GRV_7611 | Polyvinyl Chloride | 8 | 450.34 | 0.68 | Main |
| SWR_GRV_7613 | Polyvinyl Chloride | 8 | 382.26 | 0.58 | Main |
| SWR_GRV_7615 | Terra Cotta | 8 | 398.94 | 0.60 | Main |
| SWR_GRV_7617 | Terra Cotta | 8 | 399.75 | 0.61 | Main |
| SWR_GRV_7619 | Terra Cotta | 8 | 219.61 | 0.33 | Main |
| SWR_GRV_7621 | Terra Cotta | 8 | 92.63 | 0.14 | Main |
| SWR_GRV_7623 | Terra Cotta | 8 | 138.65 | 0.21 | Main |
| SWR_GRV_7625 | Terra Cotta | 8 | 107.47 | 0.16 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7626 | Terra Cotta | 8 | 353.91 | 0.54 | Main |
| SWR_GRV_7633 | Terra Cotta | 8 | 168.87 | 0.26 | Main |
| SWR_GRV_7635 | Terra Cotta | 8 | 167.88 | 0.25 | Main |
| SWR_GRV_7637 | Terra Cotta | 8 | 30.19 | 0.05 | Main |
| SWR_GRV_7639 | Terra Cotta | 8 | 36.21 | 0.05 | Main |
| SWR_GRV_7641 | Terra Cotta | 8 | 178.39 | 0.27 | Main |
| SWR_GRV_7643 | Terra Cotta | 8 | 162.39 | 0.25 | Main |
| SWR_GRV_7646 | Terra Cotta | 8 | 402.08 | 0.61 | Main |
| SWR_GRV_7770 | Terra Cotta | 15 | 31.68 | 0.09 | Main |
| SWR_GRV_7777 | Terra Cotta | 8 | 29.35 | 0.04 | Main |
| SWR_GRV_7918 | Polyvinyl Chloride | 8 | 352.01 | 0.53 | Main |
| SWR_GRV_7919 | Terra Cotta | 8 | 348.00 | 0.53 | Main |
| SWR_GRV_7922 | Terra Cotta | 8 | 226.38 | 0.34 | Main |
| SWR_GRV_7924 | Terra Cotta | 8 | 223.51 | 0.34 | Main |
| SWR_GRV_7926 | Polyvinyl Chloride | 8 | 237.89 | 0.36 | Main |
| SWR_GRV_7928 | Terra Cotta | 15 | 188.80 | 0.54 | Main |
| SWR_GRV_7930 | Terra Cotta | 15 | 199.88 | 0.57 | Main |
| SWR_GRV_7989 | Terra Cotta | 18 | 40.11 | 0.14 | Main |
| SWR_GRV_8028 | Terra Cotta | 15 | 344.09 | 0.98 | Main |
| SWR_GRV_8029 | Terra Cotta | 15 | 67.61 | 0.19 | Main |
| SWR_GRV_8230 | Terra Cotta | 8 | 147.79 | 0.22 | Main |
| SWR_GRV_8233 | Terra Cotta | 15 | 229.04 | 0.65 | Main |
| SWR_GRV_8235 | Terra Cotta | 15 | 221.18 | 0.63 | Main |
| SWR_GRV_8237 | Terra Cotta | 15 | 198.84 | 0.56 | Main |
| SWR_GRV_8239 | Terra Cotta | 15 | 201.05 | 0.57 | Main |
| SWR_GRV_8241 | Terra Cotta | 8 | 341.13 | 0.52 | Main |
| SWR_GRV_8243 | Terra Cotta | 12 | 195.95 | 0.45 | Main |
| SWR_GRV_8245 | Terra Cotta | 12 | 142.51 | 0.32 | Main |
| SWR_GRV_8247 | Terra Cotta | 12 | 23.88 | 0.05 | Main |
| SWR_GRV_8512 | Terra Cotta | 10 | 420.48 | 0.80 | Main |
| SWR_GRV_8514 | Terra Cotta | 8 | 407.42 | 0.62 | Main |
| SWR_GRV_8516 | Terra Cotta | 8 | 254.21 | 0.39 | Main |
| SWR_GRV_8518 | Polyvinyl Chloride | 8 | 507.86 | 0.77 | Main |
| SWR_GRV_8520 | Polyvinyl Chloride | 8 | 223.60 | 0.34 | Main |
| SWR_GRV_8529 | Polyvinyl Chloride | 8 | 246.88 | 0.37 | Main |
| SWR_GRV_8531 | Polyvinyl Chloride | 8 | 154.18 | 0.23 | Main |
| SWR_GRV_8533 | Polyvinyl Chloride | 8 | 98.80 | 0.15 | Main |
| SWR_GRV_8535 | Polyvinyl Chloride | 8 | 52.56 | 0.08 | Main |
| SWR_GRV_8558 | Terra Cotta | 16 | 22.14 | 0.07 | Main |
| SWR_GRV_8560 | Terra Cotta | 15 | 114.61 | 0.33 | Main |
| SWR_GRV_8563 | Terra Cotta | 15 | 136.82 | 0.39 | Main |
| SWR_GRV_8565 | Terra Cotta | 15 | 144.55 | 0.41 | Main |
| SWR_GRV_8567 | Terra Cotta | 18 | 6.69 | 0.02 | Main |
| SWR_GRV_8612 | Polyvinyl Chloride | 8 | 6.52 | 0.01 | Main |
| SWR_GRV_8630 | Terra Cotta | 8 | 450.03 | 0.68 | Main |
| SWR_GRV_8633 | Polyvinyl Chloride | 8 | 408.31 | 0.62 | Main |
| SWR_GRV_8642 | Terra Cotta | 8 | 389.27 | 0.59 | Main |
| SWR_GRV_8699 | Terra Cotta | 10 | 194.78 | 0.37 | Main |
| SWR_GRV_8704 | Terra Cotta | 8 | 177.19 | 0.27 | Main |
| SWR_GRV_8706 | Terra Cotta | 8 | 125.66 | 0.19 | Main |
| SWR_GRV_8804 | Polyvinyl Chloride | 12 | 149.64 | 0.34 | Main |
| SWR_GRV_8870 | Terra Cotta | 15 | 77.00 | 0.22 | Main |
| SWR_GRV_8974 | Other | 6 | 87.43 | 0.10 | Main |
| SWR_GRV_9041 | Other | 6 | 6.95 | 0.01 | Main |
| SWR_GRV_9043 | Other | 6 | 23.22 | 0.03 | Main |
| SWR_GRV_9045 | Other | 6 | 14.26 | 0.02 | Main |
| SWR_GRV_9082 | Other | 8 | 40.60 | 0.06 | Main |
| SWR_GRV_9103 | Other | 8 | 67.92 | 0.10 | Main |
| SWR_GRV_9105 | Other | 8 | 12.57 | 0.02 | Main |
| SWR_GRV_9107 | Other | 8 | 6.70 | 0.01 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_9116 | Other | 8 | 296.25 | 0.45 | Main |
| SWR_GRV_9119 | Other | 8 | 103.95 | 0.16 | Main |
| SWR_GRV_9123 | Other | 12 | 211.41 | 0.48 | Main |
| SWR_GRV_9129 | Other | 12 | 16.19 | 0.04 | Main |
| SWR_GRV_9135 | Other | 12 | 143.35 | 0.33 | Main |
| SWR_GRV_9138 | Other | 12 | 41.68 | 0.09 | Main |
| SWR_GRV_9141 | Other | 12 | 26.36 | 0.06 | Main |
| SWR_GRV_9147 | Other | 12 | 146.93 | 0.33 | Main |
| SWR_GRV_9152 | Other | 12 | 127.22 | 0.29 | Main |
| SWR_GRV_9155 | Other | 12 | 16.30 | 0.04 | Main |
| SWR_GRV_9164 | Other | 12 | 61.18 | 0.14 | Main |
| SWR_GRV_9658 | Other | 6 | 18.61 | 0.02 | Main |
| SWR_GRV_9716 | Other | 6 | 87.43 | 0.10 | Main |
| SWR_GRV_9754 | Other | 6 | 44.17 | 0.05 | Main |
| SWR_GRV_9783 | Other | 8 | 5.03 | 0.01 | Main |
| SWR_GRV_9809 | Other | 6 | 17.54 | 0.02 | Main |
| SWR_GRV_9823 | Other | 8 | 353.68 | 0.54 | Main |
| SWR_GRV_9829 | Other | 8 | 43.43 | 0.07 | Main |
| SWR_GRV_9833 | Other | 8 | 191.61 | 0.29 | Main |
| SWR_GRV_9840 | Other | 8 | 30.18 | 0.05 | Main |
| SWR_GRV_9843 | Other | 8 | 112.09 | 0.17 | Main |
| SWR_GRV_9845 | Other | 8 | 87.21 | 0.13 | Main |
| SWR_GRV_9852 | Other | 8 | 15.21 | 0.02 | Main |
| SWR_GRV_9860 | Other | 8 | 40.60 | 0.06 | Main |
| SWR_GRV_9877 | Other | 8 | 187.34 | 0.28 | Main |
| SWR_GRV_9882 | Other | 8 | 67.92 | 0.10 | Main |
| SWR_GRV_9884 | Other | 8 | 12.57 | 0.02 | Main |
| SWR_GRV_9886 | Other | 8 | 6.71 | 0.01 | Main |
| SWR_GRV_9890 | Other | 8 | 15.40 | 0.02 | Main |
| SWR_GRV_9894 | Other | 8 | 13.82 | 0.02 | Main |
| SWR_GRV_9897 | Other | 8 | 296.25 | 0.45 | Main |
| SWR_GRV_9900 | Other | 8 | 103.95 | 0.16 | Main |
| SWR_GRV_9908 | Other | 12 | 94.77 | 0.22 | Main |
| SWR_GRV_9914 | Other | 12 | 10.91 | 0.02 | Main |
| SWR_GRV_9916 | Other | 8 | 55.43 | 0.08 | Main |
| SWR_GRV_9918 | Other | 12 | 75.78 | 0.17 | Main |
| SWR_GRV_9921 | Other | 12 | 143.36 | 0.33 | Main |
| SWR_GRV_9923 | Other | 12 | 285.63 | 0.65 | Main |
| SWR_GRV_9925 | Other | 12 | 41.68 | 0.09 | Main |
| SWR_GRV_9928 | Other | 12 | 26.36 | 0.06 | Main |
| SWR_GRV_9935 | Other | 12 | 146.93 | 0.33 | Main |
| SWR_GRV_9937 | Other | 12 | 379.16 | 0.86 | Main |
| SWR_GRV_9939 | Other | 12 | 410.44 | 0.93 | Main |
| SWR_GRV_9941 | Other | 12 | 96.68 | 0.22 | Main |
| SWR_GRV_9943 | Other | 12 | 127.21 | 0.29 | Main |
| SWR_GRV_9946 | Other | 12 | 16.29 | 0.04 | Main |
| SWR_GRV_9953 | Other | 12 | 6.62 | 0.02 | Main |
| SWR_GRV_9957 | Other | 12 | 57.16 | 0.13 | Main |
| SWR_GRV_9959 | Other | 12 | 61.18 | 0.14 | Main |
| SWR_GRV_9961 | Other | 12 | 9.44 | 0.02 | Main |
| SWR_GRV_9964 | Other | 12 | 32.81 | 0.07 | Main |
| SWR_GRV_9966 | Other | 12 | 14.63 | 0.03 | Main |
| SWR_GRV_9970 | Other | 18 | 45.84 | 0.16 | Main |
| SWR_GRV_9972 | Other | 18 | 34.47 | 0.12 | Main |
| SWR_LTR_10071 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_10072 | Polyvinyl Chloride | 6 | 32.44 | 0.04 | Lateral |
| SWR_LTR_10073 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_10091 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_10092 | Polyvinyl Chloride | 6 | 46.36 | 0.05 | Lateral |
| SWR_LTR_10093 | Polyvinyl Chloride | 6 | 29.06 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10094 | Polyvinyl Chloride | 6 | 29.36 | 0.03 | Lateral |
| SWR_LTR_10095 | Polyvinyl Chloride | 6 | 29.99 | 0.03 | Lateral |
| SWR_LTR_10096 | Polyvinyl Chloride | 6 | 29.88 | 0.03 | Lateral |
| SWR_LTR_10097 | Polyvinyl Chloride | 6 | 29.44 | 0.03 | Lateral |
| SWR_LTR_10098 | Polyvinyl Chloride | 6 | 35.28 | 0.04 | Lateral |
| SWR_LTR_10099 | Polyvinyl Chloride | 6 | 36.57 | 0.04 | Lateral |
| SWR_LTR_10100 | Polyvinyl Chloride | 6 | 46.24 | 0.05 | Lateral |
| SWR_LTR_10101 | Polyvinyl Chloride | 6 | 46.12 | 0.05 | Lateral |
| SWR_LTR_10102 | Polyvinyl Chloride | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_10103 | Polyvinyl Chloride | 6 | 3.28 | 0.004 | Lateral |
| SWR_LTR_10104 | Polyvinyl Chloride | 6 | 46.15 | 0.05 | Lateral |
| SWR_LTR_10105 | Polyvinyl Chloride | 6 | 4.57 | 0.01 | Lateral |
| SWR_LTR_10165 | Polyvinyl Chloride | 6 | 37.25 | 0.04 | Lateral |
| SWR_LTR_10166 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_10177 | Polyvinyl Chloride | 6 | 37.11 | 0.04 | Lateral |
| SWR_LTR_10178 | Polyvinyl Chloride | 6 | 37.24 | 0.04 | Lateral |
| SWR_LTR_10179 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_10180 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_10181 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_10182 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_10183 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_10184 | Polyvinyl Chloride | 6 | 42.24 | 0.05 | Lateral |
| SWR_LTR_10185 | Polyvinyl Chloride | 6 | 41.71 | 0.05 | Lateral |
| SWR_LTR_10186 | Polyvinyl Chloride | 6 | 35.88 | 0.04 | Lateral |
| SWR_LTR_10187 | Polyvinyl Chloride | 6 | 41.70 | 0.05 | Lateral |
| SWR_LTR_10471 | Polyvinyl Chloride | 6 | 15.51 | 0.02 | Lateral |
| SWR_LTR_10472 | Polyvinyl Chloride | 6 | 35.53 | 0.04 | Lateral |
| SWR_LTR_10473 | Polyvinyl Chloride | 6 | 40.51 | 0.05 | Lateral |
| SWR_LTR_10474 | Polyvinyl Chloride | 6 | 35.51 | 0.04 | Lateral |
| SWR_LTR_10475 | Polyvinyl Chloride | 6 | 20.57 | 0.02 | Lateral |
| SWR_LTR_10476 | Polyvinyl Chloride | 6 | 35.52 | 0.04 | Lateral |
| SWR_LTR_10477 | Polyvinyl Chloride | 6 | 45.55 | 0.05 | Lateral |
| SWR_LTR_10478 | Polyvinyl Chloride | 6 | 17.93 | 0.02 | Lateral |
| SWR_LTR_10479 | Polyvinyl Chloride | 6 | 15.91 | 0.02 | Lateral |
| SWR_LTR_10480 | Polyvinyl Chloride | 6 | 47.70 | 0.05 | Lateral |
| SWR_LTR_10481 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_10482 | Polyvinyl Chloride | 6 | 42.69 | 0.05 | Lateral |
| SWR_LTR_10483 | Polyvinyl Chloride | 6 | 42.70 | 0.05 | Lateral |
| SWR_LTR_10484 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_10485 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_10486 | Polyvinyl Chloride | 6 | 37.69 | 0.04 | Lateral |
| SWR_LTR_10487 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_10488 | Polyvinyl Chloride | 6 | 37.67 | 0.04 | Lateral |
| SWR_LTR_10489 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_10490 | Polyvinyl Chloride | 6 | 42.70 | 0.05 | Lateral |
| SWR_LTR_10491 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_10492 | Polyvinyl Chloride | 6 | 38.59 | 0.04 | Lateral |
| SWR_LTR_10493 | Polyvinyl Chloride | 6 | 37.58 | 0.04 | Lateral |
| SWR_LTR_10494 | Polyvinyl Chloride | 6 | 47.55 | 0.05 | Lateral |
| SWR_LTR_10495 | Polyvinyl Chloride | 6 | 46.45 | 0.05 | Lateral |
| SWR_LTR_10776 | Polyvinyl Chloride | 6 | 12.08 | 0.01 | Lateral |
| SWR_LTR_10777 | Polyvinyl Chloride | 6 | 14.88 | 0.02 | Lateral |
| SWR_LTR_10778 | Polyvinyl Chloride | 6 | 14.51 | 0.02 | Lateral |
| SWR_LTR_10779 | Polyvinyl Chloride | 6 | 12.46 | 0.01 | Lateral |
| SWR_LTR_10780 | Polyvinyl Chloride | 6 | 11.45 | 0.01 | Lateral |
| SWR_LTR_10781 | Polyvinyl Chloride | 6 | 14.52 | 0.02 | Lateral |
| SWR_LTR_10782 | Polyvinyl Chloride | 6 | 14.54 | 0.02 | Lateral |
| SWR_LTR_10783 | Polyvinyl Chloride | 6 | 14.44 | 0.02 | Lateral |
| SWR_LTR_10784 | Polyvinyl Chloride | 6 | 9.50 | 0.01 | Lateral |
| SWR_LTR_10785 | Polyvinyl Chloride | 6 | 14.57 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10786 | Polyvinyl Chloride | 6 | 14.56 | 0.02 | Lateral |
| SWR_LTR_10797 | Polyvinyl Chloride | 6 | 36.03 | 0.04 | Lateral |
| SWR_LTR_10798 | Polyvinyl Chloride | 6 | 40.81 | 0.05 | Lateral |
| SWR_LTR_10799 | Polyvinyl Chloride | 6 | 34.91 | 0.04 | Lateral |
| SWR_LTR_10800 | Polyvinyl Chloride | 6 | 34.62 | 0.04 | Lateral |
| SWR_LTR_10801 | Polyvinyl Chloride | 6 | 34.31 | 0.04 | Lateral |
| SWR_LTR_10802 | Polyvinyl Chloride | 6 | 35.11 | 0.04 | Lateral |
| SWR_LTR_10803 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_10830 | Polyvinyl Chloride | 6 | 10.81 | 0.01 | Lateral |
| SWR_LTR_10831 | Polyvinyl Chloride | 6 | 11.47 | 0.01 | Lateral |
| SWR_LTR_10832 | Polyvinyl Chloride | 6 | 34.56 | 0.04 | Lateral |
| SWR_LTR_10833 | Polyvinyl Chloride | 6 | 40.68 | 0.05 | Lateral |
| SWR_LTR_10834 | Polyvinyl Chloride | 6 | 39.72 | 0.05 | Lateral |
| SWR_LTR_10835 | Polyvinyl Chloride | 6 | 39.55 | 0.04 | Lateral |
| SWR_LTR_10836 | Polyvinyl Chloride | 6 | 39.36 | 0.04 | Lateral |
| SWR_LTR_10837 | Polyvinyl Chloride | 6 | 39.52 | 0.04 | Lateral |
| SWR_LTR_10838 | Polyvinyl Chloride | 6 | 39.12 | 0.04 | Lateral |
| SWR_LTR_10839 | Polyvinyl Chloride | 6 | 38.79 | 0.04 | Lateral |
| SWR_LTR_10840 | Polyvinyl Chloride | 6 | 38.78 | 0.04 | Lateral |
| SWR_LTR_10841 | Polyvinyl Chloride | 6 | 39.07 | 0.04 | Lateral |
| SWR_LTR_10842 | Polyvinyl Chloride | 6 | 37.44 | 0.04 | Lateral |
| SWR_LTR_10843 | Polyvinyl Chloride | 6 | 44.11 | 0.05 | Lateral |
| SWR_LTR_10844 | Polyvinyl Chloride | 6 | 42.75 | 0.05 | Lateral |
| SWR_LTR_10845 | Polyvinyl Chloride | 6 | 41.91 | 0.05 | Lateral |
| SWR_LTR_10846 | Polyvinyl Chloride | 6 | 34.94 | 0.04 | Lateral |
| SWR_LTR_10847 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_10891 | Polyvinyl Chloride | 6 | 32.96 | 0.04 | Lateral |
| SWR_LTR_10892 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_10893 | Polyvinyl Chloride | 6 | 35.63 | 0.04 | Lateral |
| SWR_LTR_10894 | Polyvinyl Chloride | 6 | 35.15 | 0.04 | Lateral |
| SWR_LTR_10895 | Polyvinyl Chloride | 6 | 34.77 | 0.04 | Lateral |
| SWR_LTR_10896 | Polyvinyl Chloride | 6 | 39.58 | 0.04 | Lateral |
| SWR_LTR_10897 | Polyvinyl Chloride | 6 | 41.79 | 0.05 | Lateral |
| SWR_LTR_10898 | Polyvinyl Chloride | 6 | 36.49 | 0.04 | Lateral |
| SWR_LTR_10899 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_10900 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_10901 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_10903 | Polyvinyl Chloride | 6 | 42.25 | 0.05 | Lateral |
| SWR_LTR_10904 | Polyvinyl Chloride | 6 | 37.34 | 0.04 | Lateral |
| SWR_LTR_10905 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_10906 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_10907 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_10908 | Polyvinyl Chloride | 6 | 37.14 | 0.04 | Lateral |
| SWR_LTR_10909 | Polyvinyl Chloride | 6 | 28.71 | 0.03 | Lateral |
| SWR_LTR_10958 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_10959 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_10960 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_10961 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_10962 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_10963 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_10964 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_10965 | Polyvinyl Chloride | 6 | 37.17 | 0.04 | Lateral |
| SWR_LTR_10966 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_10967 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_10968 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_11125 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_11126 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_11127 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_11128 | Polyvinyl Chloride | 6 | 39.75 | 0.05 | Lateral |
| SWR_LTR_11129 | Polyvinyl Chloride | 6 | 36.92 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11130 | Polyvinyl Chloride | 6 | 37.91 | 0.04 | Lateral |
| SWR_LTR_11131 | Polyvinyl Chloride | 6 | 42.02 | 0.05 | Lateral |
| SWR_LTR_11132 | Polyvinyl Chloride | 6 | 36.91 | 0.04 | Lateral |
| SWR_LTR_11133 | Polyvinyl Chloride | 6 | 42.01 | 0.05 | Lateral |
| SWR_LTR_11134 | Polyvinyl Chloride | 6 | 42.36 | 0.05 | Lateral |
| SWR_LTR_11135 | Polyvinyl Chloride | 6 | 37.48 | 0.04 | Lateral |
| SWR_LTR_11136 | Polyvinyl Chloride | 6 | 35.33 | 0.04 | Lateral |
| SWR_LTR_11137 | Polyvinyl Chloride | 6 | 42.89 | 0.05 | Lateral |
| SWR_LTR_11138 | Polyvinyl Chloride | 6 | 42.89 | 0.05 | Lateral |
| SWR_LTR_11139 | Polyvinyl Chloride | 6 | 37.87 | 0.04 | Lateral |
| SWR_LTR_11140 | Polyvinyl Chloride | 6 | 42.89 | 0.05 | Lateral |
| SWR_LTR_11141 | Polyvinyl Chloride | 6 | 42.96 | 0.05 | Lateral |
| SWR_LTR_11142 | Polyvinyl Chloride | 6 | 42.95 | 0.05 | Lateral |
| SWR_LTR_11143 | Polyvinyl Chloride | 6 | 46.89 | 0.05 | Lateral |
| SWR_LTR_11144 | Polyvinyl Chloride | 6 | 38.61 | 0.04 | Lateral |
| SWR_LTR_11145 | Polyvinyl Chloride | 6 | 38.32 | 0.04 | Lateral |
| SWR_LTR_11146 | Polyvinyl Chloride | 6 | 42.01 | 0.05 | Lateral |
| SWR_LTR_11147 | Polyvinyl Chloride | 6 | 41.99 | 0.05 | Lateral |
| SWR_LTR_11148 | Polyvinyl Chloride | 6 | 35.94 | 0.04 | Lateral |
| SWR_LTR_11200 | Polyvinyl Chloride | 6 | 36.44 | 0.04 | Lateral |
| SWR_LTR_11201 | Polyvinyl Chloride | 6 | 31.31 | 0.04 | Lateral |
| SWR_LTR_11202 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_11240 | Polyvinyl Chloride | 6 | 34.77 | 0.04 | Lateral |
| SWR_LTR_11241 | Polyvinyl Chloride | 6 | 32.85 | 0.04 | Lateral |
| SWR_LTR_11242 | Polyvinyl Chloride | 6 | 34.01 | 0.04 | Lateral |
| SWR_LTR_11243 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_11249 | Polyvinyl Chloride | 6 | 44.48 | 0.05 | Lateral |
| SWR_LTR_11250 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_11251 | Polyvinyl Chloride | 6 | 43.83 | 0.05 | Lateral |
| SWR_LTR_11252 | Polyvinyl Chloride | 6 | 43.48 | 0.05 | Lateral |
| SWR_LTR_11253 | Polyvinyl Chloride | 6 | 38.37 | 0.04 | Lateral |
| SWR_LTR_11254 | Polyvinyl Chloride | 6 | 37.69 | 0.04 | Lateral |
| SWR_LTR_11255 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_11256 | Polyvinyl Chloride | 6 | 37.69 | 0.04 | Lateral |
| SWR_LTR_11257 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_11258 | Polyvinyl Chloride | 6 | 36.70 | 0.04 | Lateral |
| SWR_LTR_11259 | Polyvinyl Chloride | 6 | 38.01 | 0.04 | Lateral |
| SWR_LTR_11260 | Polyvinyl Chloride | 6 | 38.62 | 0.04 | Lateral |
| SWR_LTR_11261 | Polyvinyl Chloride | 6 | 39.48 | 0.04 | Lateral |
| SWR_LTR_11262 | Polyvinyl Chloride | 6 | 38.64 | 0.04 | Lateral |
| SWR_LTR_11263 | Polyvinyl Chloride | 6 | 38.98 | 0.04 | Lateral |
| SWR_LTR_11264 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_11265 | Polyvinyl Chloride | 6 | 38.29 | 0.04 | Lateral |
| SWR_LTR_11266 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_11267 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_11268 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_11269 | Polyvinyl Chloride | 6 | 38.40 | 0.04 | Lateral |
| SWR_LTR_11270 | Polyvinyl Chloride | 6 | 38.77 | 0.04 | Lateral |
| SWR_LTR_11271 | Polyvinyl Chloride | 6 | 45.09 | 0.05 | Lateral |
| SWR_LTR_11272 | Polyvinyl Chloride | 6 | 45.52 | 0.05 | Lateral |
| SWR_LTR_11273 | Polyvinyl Chloride | 6 | 46.42 | 0.05 | Lateral |
| SWR_LTR_11274 | Polyvinyl Chloride | 6 | 30.33 | 0.03 | Lateral |
| SWR_LTR_11275 | Polyvinyl Chloride | 6 | 30.92 | 0.04 | Lateral |
| SWR_LTR_11276 | Polyvinyl Chloride | 6 | 31.16 | 0.04 | Lateral |
| SWR_LTR_11588 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_11589 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_11590 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_11591 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_11710 | Polyvinyl Chloride | 6 | 10.81 | 0.01 | Lateral |
| SWR_LTR_11711 | Polyvinyl Chloride | 6 | 19.62 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11765 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11766 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_11767 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_11768 | Polyvinyl Chloride | 6 | 15.40 | 0.02 | Lateral |
| SWR_LTR_11793 | Polyvinyl Chloride | 6 | 10.78 | 0.01 | Lateral |
| SWR_LTR_11794 | Polyvinyl Chloride | 6 | 14.60 | 0.02 | Lateral |
| SWR_LTR_11795 | Polyvinyl Chloride | 6 | 10.84 | 0.01 | Lateral |
| SWR_LTR_11822 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_11823 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_11824 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11825 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11826 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11827 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_11828 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_11829 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_11830 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_11831 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_11832 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_11833 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_11834 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_11835 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11836 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11837 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_11838 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_11839 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_11840 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11841 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_11842 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_11843 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_11844 | Polyvinyl Chloride | 6 | 10.01 | 0.01 | Lateral |
| SWR_LTR_11845 | Polyvinyl Chloride | 6 | 15.40 | 0.02 | Lateral |
| SWR_LTR_11846 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11977 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_11978 | Polyvinyl Chloride | 6 | 35.09 | 0.04 | Lateral |
| SWR_LTR_11979 | Polyvinyl Chloride | 6 | 35.12 | 0.04 | Lateral |
| SWR_LTR_11980 | Polyvinyl Chloride | 6 | 35.12 | 0.04 | Lateral |
| SWR_LTR_11981 | Polyvinyl Chloride | 6 | 35.09 | 0.04 | Lateral |
| SWR_LTR_11982 | Polyvinyl Chloride | 6 | 35.17 | 0.04 | Lateral |
| SWR_LTR_11983 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_11984 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_11985 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_11986 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_11987 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_11988 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_11989 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_11990 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_11991 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_11992 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_11993 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_11994 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_11995 | Polyvinyl Chloride | 6 | 11.95 | 0.01 | Lateral |
| SWR_LTR_11996 | Polyvinyl Chloride | 6 | 14.79 | 0.02 | Lateral |
| SWR_LTR_11997 | Polyvinyl Chloride | 6 | 15.62 | 0.02 | Lateral |
| SWR_LTR_11998 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_12138 | Polyvinyl Chloride | 6 | 42.48 | 0.05 | Lateral |
| SWR_LTR_12139 | Polyvinyl Chloride | 6 | 39.42 | 0.04 | Lateral |
| SWR_LTR_12140 | Polyvinyl Chloride | 6 | 44.01 | 0.05 | Lateral |
| SWR_LTR_12141 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_12142 | Polyvinyl Chloride | 6 | 41.06 | 0.05 | Lateral |
| SWR_LTR_12143 | Polyvinyl Chloride | 6 | 42.43 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12144 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_12145 | Polyvinyl Chloride | 6 | 35.81 | 0.04 | Lateral |
| SWR_LTR_12146 | Polyvinyl Chloride | 6 | 50.22 | 0.06 | Lateral |
| SWR_LTR_12147 | Polyvinyl Chloride | 6 | 43.61 | 0.05 | Lateral |
| SWR_LTR_12148 | Polyvinyl Chloride | 6 | 44.03 | 0.05 | Lateral |
| SWR_LTR_12149 | Polyvinyl Chloride | 6 | 42.98 | 0.05 | Lateral |
| SWR_LTR_12170 | Polyvinyl Chloride | 6 | 10.44 | 0.01 | Lateral |
| SWR_LTR_12171 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_12172 | Polyvinyl Chloride | 6 | 14.92 | 0.02 | Lateral |
| SWR_LTR_12173 | Polyvinyl Chloride | 6 | 10.52 | 0.01 | Lateral |
| SWR_LTR_12174 | Polyvinyl Chloride | 6 | 14.80 | 0.02 | Lateral |
| SWR_LTR_12175 | Polyvinyl Chloride | 6 | 10.60 | 0.01 | Lateral |
| SWR_LTR_12176 | Polyvinyl Chloride | 6 | 14.69 | 0.02 | Lateral |
| SWR_LTR_12177 | Polyvinyl Chloride | 6 | 19.64 | 0.02 | Lateral |
| SWR_LTR_12235 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_12236 | Polyvinyl Chloride | 6 | 20.01 | 0.02 | Lateral |
| SWR_LTR_12237 | Polyvinyl Chloride | 6 | 10.44 | 0.01 | Lateral |
| SWR_LTR_12238 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_12239 | Polyvinyl Chloride | 6 | 10.65 | 0.01 | Lateral |
| SWR_LTR_12240 | Polyvinyl Chloride | 6 | 14.80 | 0.02 | Lateral |
| SWR_LTR_12241 | Polyvinyl Chloride | 6 | 11.35 | 0.01 | Lateral |
| SWR_LTR_12242 | Polyvinyl Chloride | 6 | 11.12 | 0.01 | Lateral |
| SWR_LTR_12243 | Polyvinyl Chloride | 6 | 10.91 | 0.01 | Lateral |
| SWR_LTR_12244 | Polyvinyl Chloride | 6 | 14.34 | 0.02 | Lateral |
| SWR_LTR_12245 | Polyvinyl Chloride | 6 | 14.09 | 0.02 | Lateral |
| SWR_LTR_12246 | Polyvinyl Chloride | 6 | 14.55 | 0.02 | Lateral |
| SWR_LTR_12247 | Polyvinyl Chloride | 6 | 11.79 | 0.01 | Lateral |
| SWR_LTR_12248 | Polyvinyl Chloride | 6 | 11.57 | 0.01 | Lateral |
| SWR_LTR_12249 | Polyvinyl Chloride | 6 | 13.88 | 0.02 | Lateral |
| SWR_LTR_12250 | Polyvinyl Chloride | 6 | 13.65 | 0.02 | Lateral |
| SWR_LTR_12251 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_12252 | Polyvinyl Chloride | 6 | 13.20 | 0.01 | Lateral |
| SWR_LTR_12253 | Polyvinyl Chloride | 6 | 16.61 | 0.02 | Lateral |
| SWR_LTR_12254 | Polyvinyl Chloride | 6 | 9.49 | 0.01 | Lateral |
| SWR_LTR_12255 | Polyvinyl Chloride | 6 | 9.13 | 0.01 | Lateral |
| SWR_LTR_12256 | Polyvinyl Chloride | 6 | 8.84 | 0.01 | Lateral |
| SWR_LTR_12257 | Polyvinyl Chloride | 6 | 16.97 | 0.02 | Lateral |
| SWR_LTR_12258 | Polyvinyl Chloride | 6 | 8.48 | 0.01 | Lateral |
| SWR_LTR_12259 | Polyvinyl Chloride | 6 | 17.32 | 0.02 | Lateral |
| SWR_LTR_12260 | Polyvinyl Chloride | 6 | 17.47 | 0.02 | Lateral |
| SWR_LTR_12261 | Polyvinyl Chloride | 6 | 17.59 | 0.02 | Lateral |
| SWR_LTR_12302 | Polyvinyl Chloride | 6 | 41.02 | 0.05 | Lateral |
| SWR_LTR_12303 | Polyvinyl Chloride | 6 | 44.42 | 0.05 | Lateral |
| SWR_LTR_12304 | Polyvinyl Chloride | 6 | 38.52 | 0.04 | Lateral |
| SWR_LTR_12305 | Polyvinyl Chloride | 6 | 40.45 | 0.05 | Lateral |
| SWR_LTR_12306 | Polyvinyl Chloride | 6 | 47.02 | 0.05 | Lateral |
| SWR_LTR_12307 | Polyvinyl Chloride | 6 | 39.04 | 0.04 | Lateral |
| SWR_LTR_12308 | Polyvinyl Chloride | 6 | 48.53 | 0.06 | Lateral |
| SWR_LTR_12309 | Polyvinyl Chloride | 6 | 46.30 | 0.05 | Lateral |
| SWR_LTR_12310 | Polyvinyl Chloride | 6 | 44.03 | 0.05 | Lateral |
| SWR_LTR_12311 | Polyvinyl Chloride | 6 | 136.13 | 0.15 | Lateral |
| SWR_LTR_12312 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_12322 | Polyvinyl Chloride | 6 | 10.87 | 0.01 | Lateral |
| SWR_LTR_12323 | Polyvinyl Chloride | 6 | 14.52 | 0.02 | Lateral |
| SWR_LTR_12324 | Polyvinyl Chloride | 6 | 10.90 | 0.01 | Lateral |
| SWR_LTR_12325 | Polyvinyl Chloride | 6 | 14.50 | 0.02 | Lateral |
| SWR_LTR_12326 | Polyvinyl Chloride | 6 | 14.46 | 0.02 | Lateral |
| SWR_LTR_12327 | Polyvinyl Chloride | 6 | 10.92 | 0.01 | Lateral |
| SWR_LTR_12328 | Polyvinyl Chloride | 6 | 10.90 | 0.01 | Lateral |
| SWR_LTR_12329 | Polyvinyl Chloride | 6 | 14.46 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12330 | Polyvinyl Chloride | 6 | 10.97 | 0.01 | Lateral |
| SWR_LTR_12331 | Polyvinyl Chloride | 6 | 10.99 | 0.01 | Lateral |
| SWR_LTR_12332 | Polyvinyl Chloride | 6 | 14.41 | 0.02 | Lateral |
| SWR_LTR_12333 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_12334 | Polyvinyl Chloride | 6 | 22.69 | 0.03 | Lateral |
| SWR_LTR_12335 | Polyvinyl Chloride | 6 | 32.54 | 0.04 | Lateral |
| SWR_LTR_12336 | Polyvinyl Chloride | 6 | 32.41 | 0.04 | Lateral |
| SWR_LTR_12337 | Polyvinyl Chloride | 6 | 31.17 | 0.04 | Lateral |
| SWR_LTR_12338 | Polyvinyl Chloride | 6 | 21.33 | 0.02 | Lateral |
| SWR_LTR_12339 | Polyvinyl Chloride | 6 | 27.73 | 0.03 | Lateral |
| SWR_LTR_12340 | Polyvinyl Chloride | 6 | 25.66 | 0.03 | Lateral |
| SWR_LTR_12341 | Polyvinyl Chloride | 6 | 26.40 | 0.03 | Lateral |
| SWR_LTR_12342 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_12343 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_12344 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_12345 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_12391 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12392 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12393 | Polyvinyl Chloride | 6 | 4.27 | 0.005 | Lateral |
| SWR_LTR_12394 | Polyvinyl Chloride | 6 | 40.75 | 0.05 | Lateral |
| SWR_LTR_12395 | Polyvinyl Chloride | 6 | 38.39 | 0.04 | Lateral |
| SWR_LTR_12563 | Polyvinyl Chloride | 6 | 30.42 | 0.03 | Lateral |
| SWR_LTR_12564 | Polyvinyl Chloride | 6 | 45.62 | 0.05 | Lateral |
| SWR_LTR_12565 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12566 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_12567 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_12568 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12569 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12570 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12571 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12572 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_12671 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_12672 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_12673 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_12674 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_12675 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_12676 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_12677 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_12678 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_12679 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_12680 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12681 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12682 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12683 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_12684 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12685 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12686 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12687 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12688 | Polyvinyl Chloride | 6 | 13.18 | 0.01 | Lateral |
| SWR_LTR_12689 | Polyvinyl Chloride | 6 | 40.30 | 0.05 | Lateral |
| SWR_LTR_12690 | Polyvinyl Chloride | 6 | 33.19 | 0.04 | Lateral |
| SWR_LTR_12691 | Polyvinyl Chloride | 6 | 39.85 | 0.05 | Lateral |
| SWR_LTR_12692 | Polyvinyl Chloride | 6 | 40.06 | 0.05 | Lateral |
| SWR_LTR_12693 | Polyvinyl Chloride | 6 | 35.49 | 0.04 | Lateral |
| SWR_LTR_12694 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_12695 | Polyvinyl Chloride | 6 | 8.09 | 0.01 | Lateral |
| SWR_LTR_12696 | Polyvinyl Chloride | 6 | 10.03 | 0.01 | Lateral |
| SWR_LTR_12697 | Polyvinyl Chloride | 6 | 6.20 | 0.01 | Lateral |
| SWR_LTR_12698 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_12699 | Polyvinyl Chloride | 6 | 6.79 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12700 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_12701 | Polyvinyl Chloride | 6 | 8.37 | 0.01 | Lateral |
| SWR_LTR_12702 | Polyvinyl Chloride | 6 | 9.99 | 0.01 | Lateral |
| SWR_LTR_12703 | Polyvinyl Chloride | 6 | 7.10 | 0.01 | Lateral |
| SWR_LTR_12704 | Polyvinyl Chloride | 6 | 10.04 | 0.01 | Lateral |
| SWR_LTR_12705 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_12706 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_12707 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_12708 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_12709 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_12710 | Polyvinyl Chloride | 6 | 14.44 | 0.02 | Lateral |
| SWR_LTR_12711 | Polyvinyl Chloride | 6 | 11.01 | 0.01 | Lateral |
| SWR_LTR_12712 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_12713 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12714 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_12715 | Polyvinyl Chloride | 6 | 15.08 | 0.02 | Lateral |
| SWR_LTR_12716 | Polyvinyl Chloride | 6 | 10.27 | 0.01 | Lateral |
| SWR_LTR_12717 | Polyvinyl Chloride | 6 | 10.37 | 0.01 | Lateral |
| SWR_LTR_12718 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_12750 | Polyvinyl Chloride | 6 | 47.70 | 0.05 | Lateral |
| SWR_LTR_12751 | Polyvinyl Chloride | 6 | 34.79 | 0.04 | Lateral |
| SWR_LTR_12752 | Polyvinyl Chloride | 6 | 34.74 | 0.04 | Lateral |
| SWR_LTR_13006 | Polyvinyl Chloride | 6 | 42.72 | 0.05 | Lateral |
| SWR_LTR_13007 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_13008 | Polyvinyl Chloride | 6 | 43.11 | 0.05 | Lateral |
| SWR_LTR_13009 | Polyvinyl Chloride | 6 | 43.12 | 0.05 | Lateral |
| SWR_LTR_13010 | Polyvinyl Chloride | 6 | 43.10 | 0.05 | Lateral |
| SWR_LTR_13011 | Polyvinyl Chloride | 6 | 43.12 | 0.05 | Lateral |
| SWR_LTR_13012 | Polyvinyl Chloride | 6 | 43.13 | 0.05 | Lateral |
| SWR_LTR_13013 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_13014 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_13015 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13016 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13017 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13018 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13019 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13020 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13021 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_13022 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13023 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13024 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13025 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13026 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13027 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13028 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_13029 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_13030 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_13031 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13032 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13033 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13034 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13035 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_13036 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_13037 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13038 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13039 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13040 | Polyvinyl Chloride | 6 | 4.87 | 0.01 | Lateral |
| SWR_LTR_13041 | Polyvinyl Chloride | 6 | 4.60 | 0.01 | Lateral |
| SWR_LTR_13042 | Polyvinyl Chloride | 6 | 43.62 | 0.05 | Lateral |
| SWR_LTR_13043 | Polyvinyl Chloride | 6 | 38.57 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13044 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_13045 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_13046 | Polyvinyl Chloride | 6 | 38.12 | 0.04 | Lateral |
| SWR_LTR_13047 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_13048 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_13151 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_13152 | Polyvinyl Chloride | 6 | 20.65 | 0.02 | Lateral |
| SWR_LTR_13153 | Polyvinyl Chloride | 6 | 20.68 | 0.02 | Lateral |
| SWR_LTR_13154 | Polyvinyl Chloride | 6 | 11.15 | 0.01 | Lateral |
| SWR_LTR_13155 | Polyvinyl Chloride | 6 | 20.28 | 0.02 | Lateral |
| SWR_LTR_13156 | Polyvinyl Chloride | 6 | 19.62 | 0.02 | Lateral |
| SWR_LTR_13157 | Polyvinyl Chloride | 6 | 18.89 | 0.02 | Lateral |
| SWR_LTR_13158 | Polyvinyl Chloride | 6 | 14.52 | 0.02 | Lateral |
| SWR_LTR_13200 | Polyvinyl Chloride | 6 | 15.52 | 0.02 | Lateral |
| SWR_LTR_13207 | Polyvinyl Chloride | 6 | 38.16 | 0.04 | Lateral |
| SWR_LTR_13208 | Polyvinyl Chloride | 6 | 48.17 | 0.05 | Lateral |
| SWR_LTR_13209 | Polyvinyl Chloride | 6 | 5.61 | 0.01 | Lateral |
| SWR_LTR_13210 | Polyvinyl Chloride | 6 | 5.61 | 0.01 | Lateral |
| SWR_LTR_13227 | Polyvinyl Chloride | 6 | 28.16 | 0.03 | Lateral |
| SWR_LTR_1324 | Concrete (Non-Reinforced) | 8 | 21.07 | 0.03 | Lateral |
| SWR_LTR_13413 | Polyvinyl Chloride | 6 | 48.35 | 0.05 | Lateral |
| SWR_LTR_13414 | Polyvinyl Chloride | 6 | 5.12 | 0.01 | Lateral |
| SWR_LTR_13415 | Polyvinyl Chloride | 6 | 41.74 | 0.05 | Lateral |
| SWR_LTR_13416 | Polyvinyl Chloride | 6 | 41.54 | 0.05 | Lateral |
| SWR_LTR_13417 | Polyvinyl Chloride | 6 | 35.14 | 0.04 | Lateral |
| SWR_LTR_13418 | Polyvinyl Chloride | 6 | 34.50 | 0.04 | Lateral |
| SWR_LTR_13419 | Polyvinyl Chloride | 6 | 35.02 | 0.04 | Lateral |
| SWR_LTR_13420 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13421 | Polyvinyl Chloride | 6 | 15.49 | 0.02 | Lateral |
| SWR_LTR_13436 | Polyvinyl Chloride | 6 | 29.79 | 0.03 | Lateral |
| SWR_LTR_13437 | Polyvinyl Chloride | 6 | 30.62 | 0.03 | Lateral |
| SWR_LTR_13438 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_13439 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_13440 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_13441 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_13442 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_13443 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_13444 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_13445 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13525 | Polyvinyl Chloride | 6 | 49.99 | 0.06 | Lateral |
| SWR_LTR_13526 | Polyvinyl Chloride | 6 | 14.89 | 0.02 | Lateral |
| SWR_LTR_13536 | Polyvinyl Chloride | 6 | 35.30 | 0.04 | Lateral |
| SWR_LTR_13537 | Polyvinyl Chloride | 6 | 54.36 | 0.06 | Lateral |
| SWR_LTR_13763 | Polyvinyl Chloride | 6 | 41.32 | 0.05 | Lateral |
| SWR_LTR_13764 | Polyvinyl Chloride | 6 | 48.30 | 0.05 | Lateral |
| SWR_LTR_13765 | Polyvinyl Chloride | 6 | 48.28 | 0.05 | Lateral |
| SWR_LTR_13766 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_13767 | Polyvinyl Chloride | 6 | 3.02 | 0.003 | Lateral |
| SWR_LTR_13768 | Polyvinyl Chloride | 6 | 2.97 | 0.003 | Lateral |
| SWR_LTR_13769 | Polyvinyl Chloride | 6 | 7.40 | 0.01 | Lateral |
| SWR_LTR_13770 | Polyvinyl Chloride | 6 | 7.38 | 0.01 | Lateral |
| SWR_LTR_14188 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_14189 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_14190 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_14191 | Polyvinyl Chloride | 6 | 4.79 | 0.01 | Lateral |
| SWR_LTR_14192 | Polyvinyl Chloride | 6 | 19.68 | 0.02 | Lateral |
| SWR_LTR_14193 | Polyvinyl Chloride | 6 | 21.28 | 0.02 | Lateral |
| SWR_LTR_14194 | Polyvinyl Chloride | 6 | 21.64 | 0.02 | Lateral |
| SWR_LTR_14195 | Polyvinyl Chloride | 6 | 23.38 | 0.03 | Lateral |
| SWR_LTR_14196 | Polyvinyl Chloride | 6 | 32.09 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14197 | Polyvinyl Chloride | 6 | 21.53 | 0.02 | Lateral |
| SWR_LTR_14198 | Polyvinyl Chloride | 6 | 21.48 | 0.02 | Lateral |
| SWR_LTR_14343 | Polyvinyl Chloride | 6 | 19.69 | 0.02 | Lateral |
| SWR_LTR_14344 | Polyvinyl Chloride | 6 | 19.63 | 0.02 | Lateral |
| SWR_LTR_15007 | Polyvinyl Chloride | 6 | 12.35 | 0.01 | Lateral |
| SWR_LTR_15008 | Polyvinyl Chloride | 6 | 12.26 | 0.01 | Lateral |
| SWR_LTR_15009 | Polyvinyl Chloride | 6 | 20.43 | 0.02 | Lateral |
| SWR_LTR_15010 | Polyvinyl Chloride | 6 | 34.06 | 0.04 | Lateral |
| SWR_LTR_15011 | Polyvinyl Chloride | 6 | 36.59 | 0.04 | Lateral |
| SWR_LTR_15012 | Polyvinyl Chloride | 6 | 2.47 | 0.003 | Lateral |
| SWR_LTR_15013 | Polyvinyl Chloride | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_15014 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_15163 | Polyvinyl Chloride | 6 | 48.23 | 0.05 | Lateral |
| SWR_LTR_15164 | Polyvinyl Chloride | 6 | 48.21 | 0.05 | Lateral |
| SWR_LTR_15165 | Polyvinyl Chloride | 6 | 48.18 | 0.05 | Lateral |
| SWR_LTR_15166 | Polyvinyl Chloride | 6 | 38.98 | 0.04 | Lateral |
| SWR_LTR_15167 | Polyvinyl Chloride | 6 | 43.24 | 0.05 | Lateral |
| SWR_LTR_15168 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_15169 | Polyvinyl Chloride | 6 | 43.28 | 0.05 | Lateral |
| SWR_LTR_15170 | Polyvinyl Chloride | 6 | 43.66 | 0.05 | Lateral |
| SWR_LTR_15171 | Polyvinyl Chloride | 6 | 43.38 | 0.05 | Lateral |
| SWR_LTR_15172 | Polyvinyl Chloride | 6 | 44.35 | 0.05 | Lateral |
| SWR_LTR_15173 | Polyvinyl Chloride | 6 | 43.32 | 0.05 | Lateral |
| SWR_LTR_15174 | Polyvinyl Chloride | 6 | 34.56 | 0.04 | Lateral |
| SWR_LTR_15175 | Polyvinyl Chloride | 6 | 34.56 | 0.04 | Lateral |
| SWR_LTR_15176 | Polyvinyl Chloride | 6 | 34.57 | 0.04 | Lateral |
| SWR_LTR_15177 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_15178 | Polyvinyl Chloride | 6 | 34.94 | 0.04 | Lateral |
| SWR_LTR_15179 | Polyvinyl Chloride | 6 | 35.04 | 0.04 | Lateral |
| SWR_LTR_15180 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_15181 | Polyvinyl Chloride | 8 | 42.41 | 0.06 | Lateral |
| SWR_LTR_15182 | Polyvinyl Chloride | 6 | 42.41 | 0.05 | Lateral |
| SWR_LTR_15183 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_15184 | Polyvinyl Chloride | 6 | 42.14 | 0.05 | Lateral |
| SWR_LTR_15185 | Polyvinyl Chloride | 6 | 42.05 | 0.05 | Lateral |
| SWR_LTR_15196 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_15197 | Polyvinyl Chloride | 6 | 49.22 | 0.06 | Lateral |
| SWR_LTR_15198 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_15199 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_15619 | Polyvinyl Chloride | 6 | 16.43 | 0.02 | Lateral |
| SWR_LTR_15620 | Polyvinyl Chloride | 6 | 16.40 | 0.02 | Lateral |
| SWR_LTR_15621 | Polyvinyl Chloride | 6 | 11.40 | 0.01 | Lateral |
| SWR_LTR_15622 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_15623 | Polyvinyl Chloride | 6 | 37.79 | 0.04 | Lateral |
| SWR_LTR_15624 | Polyvinyl Chloride | 6 | 37.64 | 0.04 | Lateral |
| SWR_LTR_15625 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_15626 | Polyvinyl Chloride | 6 | 10.75 | 0.01 | Lateral |
| SWR_LTR_15627 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_15628 | Polyvinyl Chloride | 6 | 10.73 | 0.01 | Lateral |
| SWR_LTR_15629 | Polyvinyl Chloride | 6 | 10.78 | 0.01 | Lateral |
| SWR_LTR_15630 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_15631 | Polyvinyl Chloride | 6 | 10.73 | 0.01 | Lateral |
| SWR_LTR_15632 | Polyvinyl Chloride | 6 | 10.78 | 0.01 | Lateral |
| SWR_LTR_15633 | Polyvinyl Chloride | 6 | 11.08 | 0.01 | Lateral |
| SWR_LTR_15634 | Polyvinyl Chloride | 6 | 19.59 | 0.02 | Lateral |
| SWR_LTR_15635 | Polyvinyl Chloride | 6 | 19.63 | 0.02 | Lateral |
| SWR_LTR_15636 | Polyvinyl Chloride | 6 | 42.89 | 0.05 | Lateral |
| SWR_LTR_15637 | Polyvinyl Chloride | 6 | 43.65 | 0.05 | Lateral |
| SWR_LTR_15638 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_1567 | Polyvinyl Chloride | 6 | 59.70 | 0.07 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_1594 | Concrete (Non-Reinforced) | 8 | 50.44 | 0.08 | Lateral |
| SWR_LTR_16640 | Polyvinyl Chloride | 6 | 37.66 | 0.04 | Lateral |
| SWR_LTR_16641 | Polyvinyl Chloride | 6 | 10.34 | 0.01 | Lateral |
| SWR_LTR_16642 | Polyvinyl Chloride | 6 | 7.54 | 0.01 | Lateral |
| SWR_LTR_16643 | Polyvinyl Chloride | 6 | 7.82 | 0.01 | Lateral |
| SWR_LTR_16644 | Polyvinyl Chloride | 6 | 8.06 | 0.01 | Lateral |
| SWR_LTR_17079 | Polyvinyl Chloride | 6 | 7.17 | 0.01 | Lateral |
| SWR_LTR_17080 | Polyvinyl Chloride | 6 | 7.56 | 0.01 | Lateral |
| SWR_LTR_17081 | Polyvinyl Chloride | 6 | 6.48 | 0.01 | Lateral |
| SWR_LTR_17082 | Polyvinyl Chloride | 6 | 22.64 | 0.03 | Lateral |
| SWR_LTR_17083 | Polyvinyl Chloride | 6 | 22.38 | 0.03 | Lateral |
| SWR_LTR_17084 | Polyvinyl Chloride | 6 | 21.29 | 0.02 | Lateral |
| SWR_LTR_17085 | Polyvinyl Chloride | 6 | 15.64 | 0.02 | Lateral |
| SWR_LTR_17086 | Polyvinyl Chloride | 6 | 20.38 | 0.02 | Lateral |
| SWR_LTR_17087 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_17088 | Polyvinyl Chloride | 6 | 22.54 | 0.03 | Lateral |
| SWR_LTR_17089 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_17090 | Polyvinyl Chloride | 6 | 22.68 | 0.03 | Lateral |
| SWR_LTR_17091 | Polyvinyl Chloride | 6 | 10.03 | 0.01 | Lateral |
| SWR_LTR_17092 | Polyvinyl Chloride | 6 | 22.44 | 0.03 | Lateral |
| SWR_LTR_17093 | Polyvinyl Chloride | 6 | 23.91 | 0.03 | Lateral |
| SWR_LTR_17094 | Polyvinyl Chloride | 6 | 7.15 | 0.01 | Lateral |
| SWR_LTR_17095 | Polyvinyl Chloride | 6 | 10.03 | 0.01 | Lateral |
| SWR_LTR_17096 | Polyvinyl Chloride | 6 | 37.93 | 0.04 | Lateral |
| SWR_LTR_17097 | Polyvinyl Chloride | 6 | 37.88 | 0.04 | Lateral |
| SWR_LTR_17098 | Polyvinyl Chloride | 6 | 37.80 | 0.04 | Lateral |
| SWR_LTR_17099 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_17100 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_17101 | Polyvinyl Chloride | 6 | 6.71 | 0.01 | Lateral |
| SWR_LTR_17102 | Polyvinyl Chloride | 6 | 11.64 | 0.01 | Lateral |
| SWR_LTR_17103 | Polyvinyl Chloride | 6 | 11.57 | 0.01 | Lateral |
| SWR_LTR_17104 | Polyvinyl Chloride | 6 | 41.77 | 0.05 | Lateral |
| SWR_LTR_17105 | Polyvinyl Chloride | 6 | 41.60 | 0.05 | Lateral |
| SWR_LTR_17106 | Polyvinyl Chloride | 6 | 31.08 | 0.04 | Lateral |
| SWR_LTR_17107 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_17108 | Polyvinyl Chloride | 6 | 36.83 | 0.04 | Lateral |
| SWR_LTR_17109 | Polyvinyl Chloride | 6 | 40.69 | 0.05 | Lateral |
| SWR_LTR_17119 | Polyvinyl Chloride | 6 | 39.25 | 0.04 | Lateral |
| SWR_LTR_17120 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_17121 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_17122 | Polyvinyl Chloride | 6 | 4.61 | 0.01 | Lateral |
| SWR_LTR_17123 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_17124 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_17125 | Polyvinyl Chloride | 6 | 4.62 | 0.01 | Lateral |
| SWR_LTR_17126 | Polyvinyl Chloride | 6 | 5.85 | 0.01 | Lateral |
| SWR_LTR_17127 | Polyvinyl Chloride | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_17128 | Polyvinyl Chloride | 6 | 5.85 | 0.01 | Lateral |
| SWR_LTR_17129 | Polyvinyl Chloride | 6 | 5.85 | 0.01 | Lateral |
| SWR_LTR_17130 | Polyvinyl Chloride | 6 | 5.84 | 0.01 | Lateral |
| SWR_LTR_17131 | Polyvinyl Chloride | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_17132 | Polyvinyl Chloride | 6 | 37.29 | 0.04 | Lateral |
| SWR_LTR_17133 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_17134 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_17135 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_17136 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_17137 | Polyvinyl Chloride | 6 | 40.98 | 0.05 | Lateral |
| SWR_LTR_17138 | Polyvinyl Chloride | 6 | 37.49 | 0.04 | Lateral |
| SWR_LTR_17263 | Polyvinyl Chloride | 6 | 40.08 | 0.05 | Lateral |
| SWR_LTR_17264 | Polyvinyl Chloride | 6 | 36.57 | 0.04 | Lateral |
| SWR_LTR_17265 | Polyvinyl Chloride | 6 | 45.58 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17266 | Polyvinyl Chloride | 6 | 43.38 | 0.05 | Lateral |
| SWR_LTR_17267 | Polyvinyl Chloride | 6 | 38.60 | 0.04 | Lateral |
| SWR_LTR_17268 | Polyvinyl Chloride | 6 | 44.03 | 0.05 | Lateral |
| SWR_LTR_17269 | Polyvinyl Chloride | 6 | 43.59 | 0.05 | Lateral |
| SWR_LTR_17270 | Polyvinyl Chloride | 6 | 44.08 | 0.05 | Lateral |
| SWR_LTR_17271 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_17272 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_17273 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_17274 | Polyvinyl Chloride | 6 | 15.96 | 0.02 | Lateral |
| SWR_LTR_17275 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_17276 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_17277 | Polyvinyl Chloride | 6 | 36.75 | 0.04 | Lateral |
| SWR_LTR_17278 | Polyvinyl Chloride | 8 | 36.02 | 0.05 | Lateral |
| SWR_LTR_17279 | Polyvinyl Chloride | 6 | 45.73 | 0.05 | Lateral |
| SWR_LTR_17280 | Polyvinyl Chloride | 6 | 44.96 | 0.05 | Lateral |
| SWR_LTR_17281 | Polyvinyl Chloride | 6 | 44.45 | 0.05 | Lateral |
| SWR_LTR_17282 | Polyvinyl Chloride | 6 | 39.03 | 0.04 | Lateral |
| SWR_LTR_17283 | Polyvinyl Chloride | 6 | 39.27 | 0.04 | Lateral |
| SWR_LTR_17284 | Polyvinyl Chloride | 6 | 37.67 | 0.04 | Lateral |
| SWR_LTR_17285 | Polyvinyl Chloride | 8 | 35.14 | 0.05 | Lateral |
| SWR_LTR_17286 | Polyvinyl Chloride | 6 | 39.02 | 0.04 | Lateral |
| SWR_LTR_17287 | Polyvinyl Chloride | 6 | 33.73 | 0.04 | Lateral |
| SWR_LTR_17288 | Polyvinyl Chloride | 6 | 36.55 | 0.04 | Lateral |
| SWR_LTR_17289 | Polyvinyl Chloride | 6 | 37.40 | 0.04 | Lateral |
| SWR_LTR_17290 | Polyvinyl Chloride | 6 | 38.02 | 0.04 | Lateral |
| SWR_LTR_17291 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_17292 | Polyvinyl Chloride | 6 | 17.24 | 0.02 | Lateral |
| SWR_LTR_17293 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_17294 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_17295 | Polyvinyl Chloride | 6 | 30.55 | 0.03 | Lateral |
| SWR_LTR_17296 | Polyvinyl Chloride | 6 | 71.05 | 0.08 | Lateral |
| SWR_LTR_17297 | Polyvinyl Chloride | 6 | 5.65 | 0.01 | Lateral |
| SWR_LTR_17314 | Polyvinyl Chloride | 6 | 11.84 | 0.01 | Lateral |
| SWR_LTR_17315 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_17316 | Polyvinyl Chloride | 6 | 98.55 | 0.11 | Lateral |
| SWR_LTR_17317 | Polyvinyl Chloride | 6 | 54.06 | 0.06 | Lateral |
| SWR_LTR_17318 | Polyvinyl Chloride | 6 | 35.44 | 0.04 | Lateral |
| SWR_LTR_1741 | Polyvinyl Chloride | 6 | 52.56 | 0.06 | Lateral |
| SWR_LTR_1761 | Polyvinyl Chloride | 6 | 41.55 | 0.05 | Lateral |
| SWR_LTR_17958 | Polyvinyl Chloride | 6 | 33.62 | 0.04 | Lateral |
| SWR_LTR_17969 | Polyvinyl Chloride | 6 | 32.73 | 0.04 | Lateral |
| SWR_LTR_17970 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_17971 | Polyvinyl Chloride | 6 | 42.73 | 0.05 | Lateral |
| SWR_LTR_17972 | Polyvinyl Chloride | 6 | 37.75 | 0.04 | Lateral |
| SWR_LTR_17973 | Polyvinyl Chloride | 6 | 37.77 | 0.04 | Lateral |
| SWR_LTR_17974 | Polyvinyl Chloride | 6 | 42.74 | 0.05 | Lateral |
| SWR_LTR_17975 | Polyvinyl Chloride | 6 | 37.76 | 0.04 | Lateral |
| SWR_LTR_17976 | Polyvinyl Chloride | 6 | 42.67 | 0.05 | Lateral |
| SWR_LTR_17977 | Polyvinyl Chloride | 6 | 38.39 | 0.04 | Lateral |
| SWR_LTR_17978 | Polyvinyl Chloride | 6 | 38.31 | 0.04 | Lateral |
| SWR_LTR_17979 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_17980 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_17981 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_17982 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_17983 | Polyvinyl Chloride | 6 | 38.59 | 0.04 | Lateral |
| SWR_LTR_17986 | Polyvinyl Chloride | 6 | 37.73 | 0.04 | Lateral |
| SWR_LTR_17987 | Polyvinyl Chloride | 6 | 31.35 | 0.04 | Lateral |
| SWR_LTR_17988 | Polyvinyl Chloride | 6 | 19.35 | 0.02 | Lateral |
| SWR_LTR_17990 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_17991 | Polyvinyl Chloride | 6 | 18.08 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17992 | Polyvinyl Chloride | 6 | 7.29 | 0.01 | Lateral |
| SWR_LTR_17993 | Polyvinyl Chloride | 6 | 18.65 | 0.02 | Lateral |
| SWR_LTR_17994 | Polyvinyl Chloride | 6 | 6.69 | 0.01 | Lateral |
| SWR_LTR_17995 | Polyvinyl Chloride | 6 | 5.88 | 0.01 | Lateral |
| SWR_LTR_17996 | Polyvinyl Chloride | 6 | 6.28 | 0.01 | Lateral |
| SWR_LTR_17997 | Polyvinyl Chloride | 6 | 6.47 | 0.01 | Lateral |
| SWR_LTR_17998 | Polyvinyl Chloride | 6 | 7.23 | 0.01 | Lateral |
| SWR_LTR_17999 | Polyvinyl Chloride | 6 | 6.57 | 0.01 | Lateral |
| SWR_LTR_18000 | Polyvinyl Chloride | 6 | 7.42 | 0.01 | Lateral |
| SWR_LTR_18001 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_18002 | Polyvinyl Chloride | 6 | 6.07 | 0.01 | Lateral |
| SWR_LTR_18003 | Polyvinyl Chloride | 6 | 5.88 | 0.01 | Lateral |
| SWR_LTR_18004 | Polyvinyl Chloride | 6 | 4.91 | 0.01 | Lateral |
| SWR_LTR_18005 | Polyvinyl Chloride | 6 | 7.84 | 0.01 | Lateral |
| SWR_LTR_18006 | Polyvinyl Chloride | 6 | 3.48 | 0.004 | Lateral |
| SWR_LTR_18007 | Polyvinyl Chloride | 6 | 6.34 | 0.01 | Lateral |
| SWR_LTR_18008 | Polyvinyl Chloride | 6 | 5.34 | 0.01 | Lateral |
| SWR_LTR_18009 | Polyvinyl Chloride | 6 | 5.59 | 0.01 | Lateral |
| SWR_LTR_18010 | Polyvinyl Chloride | 6 | 5.51 | 0.01 | Lateral |
| SWR_LTR_18011 | Polyvinyl Chloride | 6 | 8.45 | 0.01 | Lateral |
| SWR_LTR_18012 | Polyvinyl Chloride | 6 | 5.76 | 0.01 | Lateral |
| SWR_LTR_18013 | Polyvinyl Chloride | 6 | 6.49 | 0.01 | Lateral |
| SWR_LTR_18014 | Polyvinyl Chloride | 6 | 8.94 | 0.01 | Lateral |
| SWR_LTR_18015 | Polyvinyl Chloride | 6 | 8.07 | 0.01 | Lateral |
| SWR_LTR_18096 | Polyvinyl Chloride | 6 | 6.31 | 0.01 | Lateral |
| SWR_LTR_18125 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_18126 | Polyvinyl Chloride | 6 | 41.60 | 0.05 | Lateral |
| SWR_LTR_18127 | Polyvinyl Chloride | 6 | 36.43 | 0.04 | Lateral |
| SWR_LTR_18128 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_18129 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_18130 | Polyvinyl Chloride | 6 | 40.08 | 0.05 | Lateral |
| SWR_LTR_18132 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_18133 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_18134 | Polyvinyl Chloride | 6 | 35.15 | 0.04 | Lateral |
| SWR_LTR_18135 | Polyvinyl Chloride | 6 | 35.12 | 0.04 | Lateral |
| SWR_LTR_18136 | Polyvinyl Chloride | 6 | 40.03 | 0.05 | Lateral |
| SWR_LTR_18137 | Polyvinyl Chloride | 6 | 43.45 | 0.05 | Lateral |
| SWR_LTR_18138 | Polyvinyl Chloride | 6 | 41.37 | 0.05 | Lateral |
| SWR_LTR_18139 | Polyvinyl Chloride | 6 | 41.38 | 0.05 | Lateral |
| SWR_LTR_18151 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18152 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_18153 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_18154 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_18155 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18156 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_18157 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18158 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_18159 | Polyvinyl Chloride | 6 | 14.31 | 0.02 | Lateral |
| SWR_LTR_18160 | Polyvinyl Chloride | 6 | 14.43 | 0.02 | Lateral |
| SWR_LTR_18161 | Polyvinyl Chloride | 6 | 17.50 | 0.02 | Lateral |
| SWR_LTR_18162 | Polyvinyl Chloride | 6 | 17.08 | 0.02 | Lateral |
| SWR_LTR_18163 | Polyvinyl Chloride | 6 | 17.05 | 0.02 | Lateral |
| SWR_LTR_18164 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18165 | Polyvinyl Chloride | 6 | 17.04 | 0.02 | Lateral |
| SWR_LTR_18166 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18225 | Polyvinyl Chloride | 6 | 13.20 | 0.02 | Lateral |
| SWR_LTR_18226 | Polyvinyl Chloride | 6 | 13.18 | 0.01 | Lateral |
| SWR_LTR_18227 | Polyvinyl Chloride | 6 | 25.36 | 0.03 | Lateral |
| SWR_LTR_18228 | Polyvinyl Chloride | 6 | 25.12 | 0.03 | Lateral |
| SWR_LTR_18229 | Polyvinyl Chloride | 6 | 25.05 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18230 | Polyvinyl Chloride | 6 | 25.33 | 0.03 | Lateral |
| SWR_LTR_18231 | Polyvinyl Chloride | 6 | 14.69 | 0.02 | Lateral |
| SWR_LTR_18232 | Polyvinyl Chloride | 6 | 15.00 | 0.02 | Lateral |
| SWR_LTR_18233 | Polyvinyl Chloride | 6 | 10.75 | 0.01 | Lateral |
| SWR_LTR_18234 | Polyvinyl Chloride | 6 | 10.44 | 0.01 | Lateral |
| SWR_LTR_18235 | Polyvinyl Chloride | 6 | 15.34 | 0.02 | Lateral |
| SWR_LTR_18236 | Polyvinyl Chloride | 6 | 15.66 | 0.02 | Lateral |
| SWR_LTR_18237 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_18238 | Polyvinyl Chloride | 6 | 9.77 | 0.01 | Lateral |
| SWR_LTR_18239 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_LTR_18240 | Polyvinyl Chloride | 6 | 16.29 | 0.02 | Lateral |
| SWR_LTR_18241 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_18242 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_18243 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_18244 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_18245 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_18246 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_18247 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_18248 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_18249 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_18250 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_18251 | Polyvinyl Chloride | 6 | 36.87 | 0.04 | Lateral |
| SWR_LTR_18252 | Polyvinyl Chloride | 6 | 0.82 | 0.001 | Lateral |
| SWR_LTR_18253 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18254 | Polyvinyl Chloride | 6 | 15.81 | 0.02 | Lateral |
| SWR_LTR_18255 | Polyvinyl Chloride | 6 | 17.62 | 0.02 | Lateral |
| SWR_LTR_18256 | Polyvinyl Chloride | 6 | 9.10 | 0.01 | Lateral |
| SWR_LTR_18257 | Polyvinyl Chloride | 6 | 8.48 | 0.01 | Lateral |
| SWR_LTR_18258 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_18259 | Polyvinyl Chloride | 6 | 7.90 | 0.01 | Lateral |
| SWR_LTR_18260 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_18261 | Polyvinyl Chloride | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_18262 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_18263 | Polyvinyl Chloride | 6 | 5.61 | 0.01 | Lateral |
| SWR_LTR_18264 | Polyvinyl Chloride | 6 | 9.10 | 0.01 | Lateral |
| SWR_LTR_18265 | Polyvinyl Chloride | 6 | 6.16 | 0.01 | Lateral |
| SWR_LTR_18266 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_18267 | Polyvinyl Chloride | 6 | 42.89 | 0.05 | Lateral |
| SWR_LTR_18268 | Polyvinyl Chloride | 6 | 42.02 | 0.05 | Lateral |
| SWR_LTR_18269 | Polyvinyl Chloride | 6 | 43.18 | 0.05 | Lateral |
| SWR_LTR_18270 | Polyvinyl Chloride | 6 | 38.91 | 0.04 | Lateral |
| SWR_LTR_18271 | Polyvinyl Chloride | 6 | 44.83 | 0.05 | Lateral |
| SWR_LTR_18272 | Polyvinyl Chloride | 6 | 42.60 | 0.05 | Lateral |
| SWR_LTR_18273 | Polyvinyl Chloride | 6 | 42.24 | 0.05 | Lateral |
| SWR_LTR_18274 | Polyvinyl Chloride | 6 | 41.08 | 0.05 | Lateral |
| SWR_LTR_18275 | Polyvinyl Chloride | 6 | 40.92 | 0.05 | Lateral |
| SWR_LTR_18276 | Polyvinyl Chloride | 6 | 40.68 | 0.05 | Lateral |
| SWR_LTR_18277 | Polyvinyl Chloride | 6 | 40.48 | 0.05 | Lateral |
| SWR_LTR_18315 | Polyvinyl Chloride | 6 | 16.72 | 0.02 | Lateral |
| SWR_LTR_18316 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_18317 | Polyvinyl Chloride | 6 | 12.02 | 0.01 | Lateral |
| SWR_LTR_18318 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18319 | Polyvinyl Chloride | 6 | 17.05 | 0.02 | Lateral |
| SWR_LTR_18320 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_18321 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_18322 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_18323 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_18324 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_18325 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_18326 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18327 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18328 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18329 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18330 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_18331 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_18332 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_18333 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_18334 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_18335 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_18336 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_18342 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_18343 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_18344 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18345 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_18346 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_18347 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18348 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_18349 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_18350 | Polyvinyl Chloride | 6 | 37.10 | 0.04 | Lateral |
| SWR_LTR_18351 | Polyvinyl Chloride | 6 | 37.00 | 0.04 | Lateral |
| SWR_LTR_18352 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_18353 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_18354 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_18355 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18356 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_18357 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_18364 | Polyvinyl Chloride | 6 | 10.87 | 0.01 | Lateral |
| SWR_LTR_18365 | Polyvinyl Chloride | 6 | 13.55 | 0.02 | Lateral |
| SWR_LTR_18366 | Polyvinyl Chloride | 6 | 11.11 | 0.01 | Lateral |
| SWR_LTR_18367 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_18368 | Polyvinyl Chloride | 6 | 11.29 | 0.01 | Lateral |
| SWR_LTR_18369 | Polyvinyl Chloride | 6 | 11.42 | 0.01 | Lateral |
| SWR_LTR_18370 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_18371 | Polyvinyl Chloride | 6 | 14.13 | 0.02 | Lateral |
| SWR_LTR_18372 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_18373 | Polyvinyl Chloride | 6 | 18.05 | 0.02 | Lateral |
| SWR_LTR_18374 | Polyvinyl Chloride | 6 | 16.56 | 0.02 | Lateral |
| SWR_LTR_18375 | Polyvinyl Chloride | 6 | 16.08 | 0.02 | Lateral |
| SWR_LTR_18376 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18377 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_18378 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_18379 | Polyvinyl Chloride | 6 | 15.74 | 0.02 | Lateral |
| SWR_LTR_18380 | Polyvinyl Chloride | 6 | 46.99 | 0.05 | Lateral |
| SWR_LTR_18466 | Polyvinyl Chloride | 6 | 23.26 | 0.03 | Lateral |
| SWR_LTR_18467 | Polyvinyl Chloride | 6 | 22.99 | 0.03 | Lateral |
| SWR_LTR_18468 | Polyvinyl Chloride | 6 | 23.07 | 0.03 | Lateral |
| SWR_LTR_18537 | Polyvinyl Chloride | 6 | 16.74 | 0.02 | Lateral |
| SWR_LTR_18541 | Other | 6 | 14.29 | 0.02 | Lateral |
| SWR_LTR_18570 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_18574 | Polyvinyl Chloride | 6 | 30.56 | 0.03 | Lateral |
| SWR_LTR_1893 | Cast Iron | 12 | 16.24 | 0.04 | Lateral |
| SWR_LTR_18955 | Polyvinyl Chloride | 6 | 14.41 | 0.02 | Lateral |
| SWR_LTR_18956 | Polyvinyl Chloride | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_18957 | Polyvinyl Chloride | 6 | 20.02 | 0.02 | Lateral |
| SWR_LTR_18958 | Polyvinyl Chloride | 6 | 19.76 | 0.02 | Lateral |
| SWR_LTR_18959 | Polyvinyl Chloride | 6 | 5.00 | 0.01 | Lateral |
| SWR_LTR_18960 | Polyvinyl Chloride | 6 | 2.83 | 0.003 | Lateral |
| SWR_LTR_18961 | Polyvinyl Chloride | 6 | 13.97 | 0.02 | Lateral |
| SWR_LTR_18962 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_18963 | Polyvinyl Chloride | 6 | 2.27 | 0.003 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_19172 | Polyvinyl Chloride | 6 | 34.00 | 0.04 | Lateral |
| SWR_LTR_19232 | Polyvinyl Chloride | 6 | 9.53 | 0.01 | Lateral |
| SWR_LTR_2027 | Polyvinyl Chloride | 6 | 30.47 | 0.03 | Lateral |
| SWR_LTR_2134 | Polyvinyl Chloride | 6 | 34.60 | 0.04 | Lateral |
| SWR_LTR_2135 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_2188 | Polyvinyl Chloride | 6 | 4.38 | 0.005 | Lateral |
| SWR_LTR_2198 | Polyvinyl Chloride | 8 | 13.62 | 0.02 | Lateral |
| SWR_LTR_2199 | Polyvinyl Chloride | 8 | 7.24 | 0.01 | Lateral |
| SWR_LTR_2200 | Polyvinyl Chloride | 8 | 76.23 | 0.12 | Lateral |
| SWR_LTR_2202 | Polyvinyl Chloride | 6 | 7.26 | 0.01 | Lateral |
| SWR_LTR_2203 | Polyvinyl Chloride | 6 | 2.81 | 0.003 | Lateral |
| SWR_LTR_222 | Polyvinyl Chloride | 8 | 29.80 | 0.05 | Lateral |
| SWR_LTR_2224 | Polyvinyl Chloride | 8 | 62.73 | 0.10 | Lateral |
| SWR_LTR_2225 | Polyvinyl Chloride | 8 | 8.77 | 0.01 | Lateral |
| SWR_LTR_223 | Polyvinyl Chloride | 8 | 30.73 | 0.05 | Lateral |
| SWR_LTR_224 | Polyvinyl Chloride | 8 | 31.29 | 0.05 | Lateral |
| SWR_LTR_225 | Polyvinyl Chloride | 8 | 20.01 | 0.03 | Lateral |
| SWR_LTR_226 | Polyvinyl Chloride | 8 | 31.67 | 0.05 | Lateral |
| SWR_LTR_227 | Polyvinyl Chloride | 8 | 24.76 | 0.04 | Lateral |
| SWR_LTR_228 | Polyvinyl Chloride | 8 | 20.56 | 0.03 | Lateral |
| SWR_LTR_2373 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_2377 | Polyvinyl Chloride | 6 | 7.69 | 0.01 | Lateral |
| SWR_LTR_2380 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_2396 | Polyvinyl Chloride | 6 | 15.90 | 0.02 | Lateral |
| SWR_LTR_2414 | Polyvinyl Chloride | 6 | 22.26 | 0.03 | Lateral |
| SWR_LTR_2418 | Polyvinyl Chloride | 6 | 7.63 | 0.01 | Lateral |
| SWR_LTR_242 | Polyvinyl Chloride | 6 | 2.90 | 0.003 | Lateral |
| SWR_LTR_243 | Polyvinyl Chloride | 6 | 8.43 | 0.01 | Lateral |
| SWR_LTR_244 | Polyvinyl Chloride | 6 | 2.90 | 0.003 | Lateral |
| SWR_LTR_2444 | Other | 6 | 12.95 | 0.01 | Lateral |
| SWR_LTR_2447 | Other | 6 | 34.68 | 0.04 | Lateral |
| SWR_LTR_2449 | Other | 6 | 14.02 | 0.02 | Lateral |
| SWR_LTR_245 | Polyvinyl Chloride | 6 | 1.48 | 0.002 | Lateral |
| SWR_LTR_2454 | Other | 6 | 15.76 | 0.02 | Lateral |
| SWR_LTR_2458 | Other | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_246 | Polyvinyl Chloride | 6 | 2.99 | 0.003 | Lateral |
| SWR_LTR_247 | Polyvinyl Chloride | 6 | 22.75 | 0.03 | Lateral |
| SWR_LTR_248 | Polyvinyl Chloride | 6 | 3.19 | 0.004 | Lateral |
| SWR_LTR_2482 | Other | 6 | 13.46 | 0.02 | Lateral |
| SWR_LTR_2484 | Other | 6 | 25.97 | 0.03 | Lateral |
| SWR_LTR_2488 | Other | 6 | 20.93 | 0.02 | Lateral |
| SWR_LTR_251 | Polyvinyl Chloride | 6 | 33.06 | 0.04 | Lateral |
| SWR_LTR_260 | Polyvinyl Chloride | 6 | 3.00 | 0.003 | Lateral |
| SWR_LTR_261 | Polyvinyl Chloride | 6 | 27.97 | 0.03 | Lateral |
| SWR_LTR_262 | Polyvinyl Chloride | 6 | 3.00 | 0.003 | Lateral |
| SWR_LTR_264 | Polyvinyl Chloride | 6 | 15.93 | 0.02 | Lateral |
| SWR_LTR_265 | Polyvinyl Chloride | 6 | 2.93 | 0.003 | Lateral |
| SWR_LTR_266 | Polyvinyl Chloride | 6 | 14.12 | 0.02 | Lateral |
| SWR_LTR_267 | Polyvinyl Chloride | 6 | 1.78 | 0.002 | Lateral |
| SWR_LTR_268 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_3782 | Polyvinyl Chloride | 6 | 35.97 | 0.04 | Lateral |
| SWR_LTR_4462 | Polyvinyl Chloride | 6 | 19.80 | 0.02 | Lateral |
| SWR_LTR_4485 | Polyvinyl Chloride | 6 | 19.64 | 0.02 | Lateral |
| SWR_LTR_4488 | Polyvinyl Chloride | 6 | 20.11 | 0.02 | Lateral |
| SWR_LTR_4490 | Polyvinyl Chloride | 6 | 19.64 | 0.02 | Lateral |
| SWR_LTR_4492 | Polyvinyl Chloride | 6 | 19.63 | 0.02 | Lateral |
| SWR_LTR_4494 | Polyvinyl Chloride | 6 | 25.06 | 0.03 | Lateral |
| SWR_LTR_4637 | Polyvinyl Chloride | 6 | 7.66 | 0.01 | Lateral |
| SWR_LTR_4638 | Polyvinyl Chloride | 6 | 7.66 | 0.01 | Lateral |
| SWR_LTR_4639 | Polyvinyl Chloride | 6 | 5.40 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4640 | Polyvinyl Chloride | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_4641 | Polyvinyl Chloride | 6 | 5.08 | 0.01 | Lateral |
| SWR_LTR_4642 | Polyvinyl Chloride | 6 | 5.15 | 0.01 | Lateral |
| SWR_LTR_4643 | Polyvinyl Chloride | 6 | 5.27 | 0.01 | Lateral |
| SWR_LTR_4645 | Polyvinyl Chloride | 6 | 5.35 | 0.01 | Lateral |
| SWR_LTR_4647 | Polyvinyl Chloride | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_4648 | Polyvinyl Chloride | 6 | 5.51 | 0.01 | Lateral |
| SWR_LTR_4650 | Polyvinyl Chloride | 6 | 4.77 | 0.01 | Lateral |
| SWR_LTR_4651 | Polyvinyl Chloride | 6 | 4.92 | 0.01 | Lateral |
| SWR_LTR_4652 | Polyvinyl Chloride | 6 | 5.02 | 0.01 | Lateral |
| SWR_LTR_4653 | Polyvinyl Chloride | 6 | 5.15 | 0.01 | Lateral |
| SWR_LTR_4654 | Polyvinyl Chloride | 6 | 5.39 | 0.01 | Lateral |
| SWR_LTR_4656 | Polyvinyl Chloride | 6 | 5.29 | 0.01 | Lateral |
| SWR_LTR_4657 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_4658 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_4659 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_4660 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_4661 | Polyvinyl Chloride | 6 | 28.20 | 0.03 | Lateral |
| SWR_LTR_4662 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_4663 | Polyvinyl Chloride | 6 | 49.47 | 0.06 | Lateral |
| SWR_LTR_4664 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_4665 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_4666 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_4820 | Polyvinyl Chloride | 6 | 48.49 | 0.06 | Lateral |
| SWR_LTR_4821 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_4823 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_4825 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_4827 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_4828 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_4829 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_4830 | Polyvinyl Chloride | 6 | 40.73 | 0.05 | Lateral |
| SWR_LTR_4831 | Polyvinyl Chloride | 6 | 40.69 | 0.05 | Lateral |
| SWR_LTR_4833 | Polyvinyl Chloride | 6 | 50.05 | 0.06 | Lateral |
| SWR_LTR_4835 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_4836 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_4838 | Polyvinyl Chloride | 6 | 12.99 | 0.01 | Lateral |
| SWR_LTR_4840 | Terra Cotta | 8 | 12.20 | 0.02 | Lateral |
| SWR_LTR_4842 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_4843 | Polyvinyl Chloride | 6 | 29.19 | 0.03 | Lateral |
| SWR_LTR_4844 | Polyvinyl Chloride | 6 | 24.78 | 0.03 | Lateral |
| SWR_LTR_4845 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_4846 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_4848 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_543 | Concrete (Non-Reinforced) | 8 | 141.28 | 0.21 | Lateral |
| SWR_LTR_5851 | Polyvinyl Chloride | 6 | 11.08 | 0.01 | Lateral |
| SWR_LTR_5852 | Polyvinyl Chloride | 6 | 11.09 | 0.01 | Lateral |
| SWR_LTR_5853 | Polyvinyl Chloride | 6 | 11.07 | 0.01 | Lateral |
| SWR_LTR_5854 | Polyvinyl Chloride | 6 | 11.07 | 0.01 | Lateral |
| SWR_LTR_5855 | Polyvinyl Chloride | 6 | 11.11 | 0.01 | Lateral |
| SWR_LTR_5856 | Polyvinyl Chloride | 6 | 11.08 | 0.01 | Lateral |
| SWR_LTR_5857 | Polyvinyl Chloride | 6 | 11.09 | 0.01 | Lateral |
| SWR_LTR_5858 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_6099 | Polyvinyl Chloride | 6 | 19.07 | 0.02 | Lateral |
| SWR_LTR_6100 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_6101 | Polyvinyl Chloride | 6 | 20.25 | 0.02 | Lateral |
| SWR_LTR_6103 | Polyvinyl Chloride | 6 | 20.12 | 0.02 | Lateral |
| SWR_LTR_6105 | Polyvinyl Chloride | 6 | 68.01 | 0.08 | Lateral |
| SWR_LTR_6107 | Polyvinyl Chloride | 6 | 86.00 | 0.10 | Lateral |
| SWR_LTR_6109 | Polyvinyl Chloride | 6 | 69.68 | 0.08 | Lateral |
| SWR_LTR_6111 | Polyvinyl Chloride | 6 | 65.04 | 0.07 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6112 | Polyvinyl Chloride | 6 | 14.89 | 0.02 | Lateral |
| SWR_LTR_6114 | Polyvinyl Chloride | 6 | 15.96 | 0.02 | Lateral |
| SWR_LTR_6116 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_6130 | Polyvinyl Chloride | 6 | 8.45 | 0.01 | Lateral |
| SWR_LTR_6131 | Polyvinyl Chloride | 6 | 8.68 | 0.01 | Lateral |
| SWR_LTR_6133 | Polyvinyl Chloride | 6 | 8.99 | 0.01 | Lateral |
| SWR_LTR_6134 | Polyvinyl Chloride | 6 | 7.05 | 0.01 | Lateral |
| SWR_LTR_6136 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_6138 | Polyvinyl Chloride | 6 | 8.72 | 0.01 | Lateral |
| SWR_LTR_6140 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_6141 | Polyvinyl Chloride | 6 | 7.70 | 0.01 | Lateral |
| SWR_LTR_6143 | Polyvinyl Chloride | 6 | 7.18 | 0.01 | Lateral |
| SWR_LTR_6145 | Polyvinyl Chloride | 6 | 15.82 | 0.02 | Lateral |
| SWR_LTR_6147 | Polyvinyl Chloride | 6 | 20.98 | 0.02 | Lateral |
| SWR_LTR_6149 | Polyvinyl Chloride | 6 | 16.13 | 0.02 | Lateral |
| SWR_LTR_6151 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_6154 | Polyvinyl Chloride | 6 | 16.49 | 0.02 | Lateral |
| SWR_LTR_6156 | Polyvinyl Chloride | 6 | 16.67 | 0.02 | Lateral |
| SWR_LTR_6158 | Polyvinyl Chloride | 6 | 21.81 | 0.02 | Lateral |
| SWR_LTR_6160 | Polyvinyl Chloride | 6 | 22.01 | 0.03 | Lateral |
| SWR_LTR_6162 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_6335 | Polyvinyl Chloride | 4 | 13.28 | 0.01 | Lateral |
| SWR_LTR_6337 | Polyvinyl Chloride | 8 | 5.93 | 0.01 | Lateral |
| SWR_LTR_6381 | Polyvinyl Chloride | 8 | 5.18 | 0.01 | Lateral |
| SWR_LTR_6385 | Vitrified Clay | 8 | 4.68 | 0.01 | Lateral |
| SWR_LTR_6672 | Terra Cotta | 8 | 16.03 | 0.02 | Lateral |
| SWR_LTR_6815 | Polyvinyl Chloride | 6 | 194.35 | 0.22 | Lateral |
| SWR_LTR_6853 | Polyvinyl Chloride | 6 | 19.69 | 0.02 | Lateral |
| SWR_LTR_6855 | Polyvinyl Chloride | 6 | 19.60 | 0.02 | Lateral |
| SWR_LTR_6857 | Polyvinyl Chloride | 6 | 19.71 | 0.02 | Lateral |
| SWR_LTR_6859 | Polyvinyl Chloride | 6 | 19.75 | 0.02 | Lateral |
| SWR_LTR_6861 | Polyvinyl Chloride | 6 | 19.69 | 0.02 | Lateral |
| SWR_LTR_6863 | Polyvinyl Chloride | 6 | 19.69 | 0.02 | Lateral |
| SWR_LTR_6865 | Polyvinyl Chloride | 6 | 54.70 | 0.06 | Lateral |
| SWR_LTR_6867 | Polyvinyl Chloride | 6 | 55.09 | 0.06 | Lateral |
| SWR_LTR_6869 | Polyvinyl Chloride | 6 | 55.12 | 0.06 | Lateral |
| SWR_LTR_6871 | Polyvinyl Chloride | 6 | 54.69 | 0.06 | Lateral |
| SWR_LTR_6873 | Polyvinyl Chloride | 6 | 54.68 | 0.06 | Lateral |
| SWR_LTR_6875 | Polyvinyl Chloride | 6 | 54.72 | 0.06 | Lateral |
| SWR_LTR_6877 | Polyvinyl Chloride | 6 | 52.30 | 0.06 | Lateral |
| SWR_LTR_6879 | Polyvinyl Chloride | 6 | 33.95 | 0.04 | Lateral |
| SWR_LTR_6881 | Polyvinyl Chloride | 6 | 10.13 | 0.01 | Lateral |
| SWR_LTR_6883 | Polyvinyl Chloride | 6 | 15.14 | 0.02 | Lateral |
| SWR_LTR_7149 | Polyvinyl Chloride | 6 | 33.68 | 0.04 | Lateral |
| SWR_LTR_7457 | Polyvinyl Chloride | 6 | 59.71 | 0.07 | Lateral |
| SWR_LTR_7458 | Polyvinyl Chloride | 6 | 59.73 | 0.07 | Lateral |
| SWR_LTR_7459 | Polyvinyl Chloride | 6 | 59.71 | 0.07 | Lateral |
| SWR_LTR_7461 | Polyvinyl Chloride | 6 | 59.69 | 0.07 | Lateral |
| SWR_LTR_7463 | Polyvinyl Chloride | 6 | 59.64 | 0.07 | Lateral |
| SWR_LTR_7465 | Polyvinyl Chloride | 6 | 60.55 | 0.07 | Lateral |
| SWR_LTR_7467 | Polyvinyl Chloride | 6 | 60.13 | 0.07 | Lateral |
| SWR_LTR_7469 | Polyvinyl Chloride | 6 | 59.71 | 0.07 | Lateral |
| SWR_LTR_7470 | Polyvinyl Chloride | 6 | 59.75 | 0.07 | Lateral |
| SWR_LTR_7517 | Polyvinyl Chloride | 6 | 7.67 | 0.01 | Lateral |
| SWR_LTR_7518 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_7570 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_7571 | Polyvinyl Chloride | 6 | 42.69 | 0.05 | Lateral |
| SWR_LTR_7573 | Polyvinyl Chloride | 6 | 42.72 | 0.05 | Lateral |
| SWR_LTR_7695 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_7697 | Polyvinyl Chloride | 6 | 41.09 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7699 | Polyvinyl Chloride | 6 | 35.73 | 0.04 | Lateral |
| SWR_LTR_7700 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_7701 | Polyvinyl Chloride | 6 | 35.67 | 0.04 | Lateral |
| SWR_LTR_7703 | Polyvinyl Chloride | 6 | 35.76 | 0.04 | Lateral |
| SWR_LTR_7704 | Polyvinyl Chloride | 6 | 35.89 | 0.04 | Lateral |
| SWR_LTR_7705 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_7720 | Polyvinyl Chloride | 6 | 10.33 | 0.01 | Lateral |
| SWR_LTR_7749 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_7751 | Polyvinyl Chloride | 6 | 37.68 | 0.04 | Lateral |
| SWR_LTR_7754 | Polyvinyl Chloride | 6 | 37.69 | 0.04 | Lateral |
| SWR_LTR_7756 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_7758 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_7760 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_7762 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_7764 | Polyvinyl Chloride | 8 | 39.72 | 0.06 | Lateral |
| SWR_LTR_7766 | Polyvinyl Chloride | 6 | 39.71 | 0.05 | Lateral |
| SWR_LTR_7767 | Polyvinyl Chloride | 6 | 39.72 | 0.05 | Lateral |
| SWR_LTR_7768 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_7874 | Polyvinyl Chloride | 6 | 15.99 | 0.02 | Lateral |
| SWR_LTR_7876 | Polyvinyl Chloride | 6 | 15.98 | 0.02 | Lateral |
| SWR_LTR_7878 | Polyvinyl Chloride | 6 | 11.61 | 0.01 | Lateral |
| SWR_LTR_7880 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_7882 | Polyvinyl Chloride | 6 | 11.63 | 0.01 | Lateral |
| SWR_LTR_7884 | Polyvinyl Chloride | 6 | 16.79 | 0.02 | Lateral |
| SWR_LTR_7885 | Polyvinyl Chloride | 6 | 10.96 | 0.01 | Lateral |
| SWR_LTR_7887 | Polyvinyl Chloride | 6 | 10.93 | 0.01 | Lateral |
| SWR_LTR_7889 | Polyvinyl Chloride | 6 | 10.82 | 0.01 | Lateral |
| SWR_LTR_7891 | Polyvinyl Chloride | 6 | 11.08 | 0.01 | Lateral |
| SWR_LTR_7893 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_7895 | Polyvinyl Chloride | 6 | 14.73 | 0.02 | Lateral |
| SWR_LTR_7897 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_7899 | Polyvinyl Chloride | 6 | 10.01 | 0.01 | Lateral |
| SWR_LTR_7901 | Polyvinyl Chloride | 6 | 15.02 | 0.02 | Lateral |
| SWR_LTR_7903 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_7905 | Polyvinyl Chloride | 6 | 15.55 | 0.02 | Lateral |
| SWR_LTR_7908 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_7909 | Polyvinyl Chloride | 6 | 10.35 | 0.01 | Lateral |
| SWR_LTR_7910 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_7911 | Polyvinyl Chloride | 6 | 9.64 | 0.01 | Lateral |
| SWR_LTR_7912 | Polyvinyl Chloride | 6 | 9.89 | 0.01 | Lateral |
| SWR_LTR_7913 | Polyvinyl Chloride | 6 | 13.02 | 0.01 | Lateral |
| SWR_LTR_7914 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_7915 | Polyvinyl Chloride | 6 | 15.69 | 0.02 | Lateral |
| SWR_LTR_7916 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_7917 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_7920 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_7923 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_7925 | Polyvinyl Chloride | 6 | 15.69 | 0.02 | Lateral |
| SWR_LTR_7927 | Polyvinyl Chloride | 6 | 15.70 | 0.02 | Lateral |
| SWR_LTR_7929 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_7931 | Polyvinyl Chloride | 6 | 11.41 | 0.01 | Lateral |
| SWR_LTR_7933 | Polyvinyl Chloride | 6 | 16.42 | 0.02 | Lateral |
| SWR_LTR_7934 | Polyvinyl Chloride | 6 | 11.41 | 0.01 | Lateral |
| SWR_LTR_7935 | Polyvinyl Chloride | 6 | 11.38 | 0.01 | Lateral |
| SWR_LTR_7937 | Polyvinyl Chloride | 6 | 11.38 | 0.01 | Lateral |
| SWR_LTR_7939 | Polyvinyl Chloride | 6 | 11.40 | 0.01 | Lateral |
| SWR_LTR_7940 | Polyvinyl Chloride | 6 | 11.38 | 0.01 | Lateral |
| SWR_LTR_7942 | Polyvinyl Chloride | 6 | 13.68 | 0.02 | Lateral |
| SWR_LTR_7979 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_7981 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7983 | Polyvinyl Chloride | 6 | 9.06 | 0.01 | Lateral |
| SWR_LTR_7985 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_7986 | Polyvinyl Chloride | 6 | 37.62 | 0.04 | Lateral |
| SWR_LTR_7988 | Polyvinyl Chloride | 6 | 43.14 | 0.05 | Lateral |
| SWR_LTR_7990 | Polyvinyl Chloride | 6 | 42.64 | 0.05 | Lateral |
| SWR_LTR_7992 | Polyvinyl Chloride | 6 | 43.14 | 0.05 | Lateral |
| SWR_LTR_7994 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_7996 | Polyvinyl Chloride | 6 | 40.52 | 0.05 | Lateral |
| SWR_LTR_7997 | Polyvinyl Chloride | 6 | 40.70 | 0.05 | Lateral |
| SWR_LTR_7999 | Polyvinyl Chloride | 6 | 40.70 | 0.05 | Lateral |
| SWR_LTR_8002 | Polyvinyl Chloride | 6 | 40.70 | 0.05 | Lateral |
| SWR_LTR_8004 | Polyvinyl Chloride | 6 | 44.56 | 0.05 | Lateral |
| SWR_LTR_8006 | Polyvinyl Chloride | 6 | 40.73 | 0.05 | Lateral |
| SWR_LTR_8047 | Polyvinyl Chloride | 6 | 6.43 | 0.01 | Lateral |
| SWR_LTR_8048 | Polyvinyl Chloride | 6 | 6.37 | 0.01 | Lateral |
| SWR_LTR_8049 | Polyvinyl Chloride | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_8050 | Polyvinyl Chloride | 6 | 6.38 | 0.01 | Lateral |
| SWR_LTR_8051 | Polyvinyl Chloride | 6 | 6.41 | 0.01 | Lateral |
| SWR_LTR_8052 | Polyvinyl Chloride | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_8053 | Polyvinyl Chloride | 6 | 21.80 | 0.02 | Lateral |
| SWR_LTR_8054 | Polyvinyl Chloride | 6 | 21.98 | 0.02 | Lateral |
| SWR_LTR_8055 | Polyvinyl Chloride | 6 | 21.77 | 0.02 | Lateral |
| SWR_LTR_8056 | Polyvinyl Chloride | 6 | 22.56 | 0.03 | Lateral |
| SWR_LTR_8057 | Polyvinyl Chloride | 6 | 22.79 | 0.03 | Lateral |
| SWR_LTR_8058 | Polyvinyl Chloride | 6 | 22.42 | 0.03 | Lateral |
| SWR_LTR_8059 | Polyvinyl Chloride | 6 | 22.41 | 0.03 | Lateral |
| SWR_LTR_8060 | Polyvinyl Chloride | 6 | 22.36 | 0.03 | Lateral |
| SWR_LTR_8061 | Polyvinyl Chloride | 6 | 22.35 | 0.03 | Lateral |
| SWR_LTR_8062 | Polyvinyl Chloride | 6 | 29.83 | 0.03 | Lateral |
| SWR_LTR_8339 | Polyvinyl Chloride | 6 | 22.36 | 0.03 | Lateral |
| SWR_LTR_8341 | Polyvinyl Chloride | 6 | 7.07 | 0.01 | Lateral |
| SWR_LTR_8343 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_8345 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_8347 | Polyvinyl Chloride | 6 | 6.89 | 0.01 | Lateral |
| SWR_LTR_8349 | Polyvinyl Chloride | 6 | 6.87 | 0.01 | Lateral |
| SWR_LTR_8350 | Polyvinyl Chloride | 6 | 11.77 | 0.01 | Lateral |
| SWR_LTR_8351 | Polyvinyl Chloride | 6 | 11.74 | 0.01 | Lateral |
| SWR_LTR_8388 | Polyvinyl Chloride | 6 | 2.51 | 0.003 | Lateral |
| SWR_LTR_8389 | Polyvinyl Chloride | 6 | 2.73 | 0.003 | Lateral |
| SWR_LTR_8390 | Polyvinyl Chloride | 6 | 2.70 | 0.003 | Lateral |
| SWR_LTR_8391 | Polyvinyl Chloride | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_8392 | Polyvinyl Chloride | 6 | 2.57 | 0.003 | Lateral |
| SWR_LTR_8393 | Polyvinyl Chloride | 6 | 7.69 | 0.01 | Lateral |
| SWR_LTR_8395 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |
| SWR_LTR_8396 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_8397 | Polyvinyl Chloride | 6 | 4.77 | 0.01 | Lateral |
| SWR_LTR_8398 | Polyvinyl Chloride | 6 | 4.79 | 0.01 | Lateral |
| SWR_LTR_8399 | Polyvinyl Chloride | 6 | 5.66 | 0.01 | Lateral |
| SWR_LTR_8400 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |
| SWR_LTR_8401 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_8402 | Polyvinyl Chloride | 6 | 4.76 | 0.01 | Lateral |
| SWR_LTR_8403 | Polyvinyl Chloride | 6 | 4.81 | 0.01 | Lateral |
| SWR_LTR_8404 | Polyvinyl Chloride | 6 | 4.79 | 0.01 | Lateral |
| SWR_LTR_8405 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_8406 | Polyvinyl Chloride | 6 | 5.62 | 0.01 | Lateral |
| SWR_LTR_8407 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_8408 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_8409 | Polyvinyl Chloride | 6 | 6.48 | 0.01 | Lateral |
| SWR_LTR_8410 | Terra Cotta | 10 | 33.15 | 0.06 | Lateral |
| SWR_LTR_8411 | Terra Cotta | 10 | 39.09 | 0.07 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8412 | Terra Cotta | 10 | 37.57 | 0.07 | Lateral |
| SWR_LTR_8413 | Polyvinyl Chloride | 6 | 28.26 | 0.03 | Lateral |
| SWR_LTR_8414 | Polyvinyl Chloride | 6 | 28.78 | 0.03 | Lateral |
| SWR_LTR_8415 | Polyvinyl Chloride | 6 | 28.86 | 0.03 | Lateral |
| SWR_LTR_8416 | Polyvinyl Chloride | 6 | 28.99 | 0.03 | Lateral |
| SWR_LTR_8417 | Polyvinyl Chloride | 6 | 30.57 | 0.03 | Lateral |
| SWR_LTR_8419 | Polyvinyl Chloride | 6 | 30.60 | 0.03 | Lateral |
| SWR_LTR_8420 | Polyvinyl Chloride | 6 | 32.63 | 0.04 | Lateral |
| SWR_LTR_8421 | Polyvinyl Chloride | 6 | 31.52 | 0.04 | Lateral |
| SWR_LTR_8422 | Polyvinyl Chloride | 6 | 47.88 | 0.05 | Lateral |
| SWR_LTR_8423 | Polyvinyl Chloride | 6 | 47.31 | 0.05 | Lateral |
| SWR_LTR_8425 | Polyvinyl Chloride | 6 | 46.46 | 0.05 | Lateral |
| SWR_LTR_8426 | Polyvinyl Chloride | 6 | 56.74 | 0.06 | Lateral |
| SWR_LTR_8428 | Polyvinyl Chloride | 6 | 44.11 | 0.05 | Lateral |
| SWR_LTR_8430 | Polyvinyl Chloride | 6 | 46.87 | 0.05 | Lateral |
| SWR_LTR_8432 | Polyvinyl Chloride | 6 | 58.69 | 0.07 | Lateral |
| SWR_LTR_8434 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_8436 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_8438 | Polyvinyl Chloride | 6 | 29.73 | 0.03 | Lateral |
| SWR_LTR_8440 | Polyvinyl Chloride | 6 | 34.69 | 0.04 | Lateral |
| SWR_LTR_8442 | Polyvinyl Chloride | 6 | 44.80 | 0.05 | Lateral |
| SWR_LTR_8444 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_8446 | Polyvinyl Chloride | 6 | 44.74 | 0.05 | Lateral |
| SWR_LTR_8448 | Polyvinyl Chloride | 6 | 42.30 | 0.05 | Lateral |
| SWR_LTR_8449 | Polyvinyl Chloride | 6 | 41.66 | 0.05 | Lateral |
| SWR_LTR_8450 | Polyvinyl Chloride | 6 | 32.42 | 0.04 | Lateral |
| SWR_LTR_8451 | Polyvinyl Chloride | 6 | 33.24 | 0.04 | Lateral |
| SWR_LTR_8452 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_8453 | Polyvinyl Chloride | 6 | 34.68 | 0.04 | Lateral |
| SWR_LTR_8454 | Polyvinyl Chloride | 6 | 33.25 | 0.04 | Lateral |
| SWR_LTR_8455 | Polyvinyl Chloride | 6 | 33.95 | 0.04 | Lateral |
| SWR_LTR_8456 | Polyvinyl Chloride | 6 | 48.79 | 0.06 | Lateral |
| SWR_LTR_8457 | Polyvinyl Chloride | 6 | 48.28 | 0.05 | Lateral |
| SWR_LTR_8458 | Polyvinyl Chloride | 6 | 48.29 | 0.05 | Lateral |
| SWR_LTR_8459 | Polyvinyl Chloride | 6 | 49.08 | 0.06 | Lateral |
| SWR_LTR_8460 | Polyvinyl Chloride | 6 | 35.65 | 0.04 | Lateral |
| SWR_LTR_8461 | Polyvinyl Chloride | 6 | 37.02 | 0.04 | Lateral |
| SWR_LTR_8462 | Polyvinyl Chloride | 6 | 40.14 | 0.05 | Lateral |
| SWR_LTR_8463 | Polyvinyl Chloride | 6 | 37.14 | 0.04 | Lateral |
| SWR_LTR_8465 | Polyvinyl Chloride | 6 | 36.02 | 0.04 | Lateral |
| SWR_LTR_8466 | Polyvinyl Chloride | 6 | 40.11 | 0.05 | Lateral |
| SWR_LTR_8467 | Polyvinyl Chloride | 6 | 37.29 | 0.04 | Lateral |
| SWR_LTR_8468 | Polyvinyl Chloride | 6 | 39.00 | 0.04 | Lateral |
| SWR_LTR_8470 | Polyvinyl Chloride | 6 | 37.28 | 0.04 | Lateral |
| SWR_LTR_8471 | Polyvinyl Chloride | 6 | 37.34 | 0.04 | Lateral |
| SWR_LTR_8472 | Polyvinyl Chloride | 6 | 36.43 | 0.04 | Lateral |
| SWR_LTR_8475 | Polyvinyl Chloride | 6 | 3.85 | 0.004 | Lateral |
| SWR_LTR_8476 | Polyvinyl Chloride | 6 | 57.19 | 0.06 | Lateral |
| SWR_LTR_8477 | Polyvinyl Chloride | 6 | 60.82 | 0.07 | Lateral |
| SWR_LTR_8479 | Polyvinyl Chloride | 6 | 3.12 | 0.004 | Lateral |
| SWR_LTR_8481 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_8483 | Polyvinyl Chloride | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_8484 | Polyvinyl Chloride | 6 | 3.73 | 0.004 | Lateral |
| SWR_LTR_8485 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |
| SWR_LTR_8486 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_8487 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_8488 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_8489 | Polyvinyl Chloride | 6 | 13.74 | 0.02 | Lateral |
| SWR_LTR_8490 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_8491 | Polyvinyl Chloride | 6 | 11.24 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8492 | Polyvinyl Chloride | 6 | 13.13 | 0.01 | Lateral |
| SWR_LTR_8493 | Polyvinyl Chloride | 6 | 10.99 | 0.01 | Lateral |
| SWR_LTR_8494 | Polyvinyl Chloride | 6 | 10.33 | 0.01 | Lateral |
| SWR_LTR_8495 | Polyvinyl Chloride | 6 | 11.86 | 0.01 | Lateral |
| SWR_LTR_8496 | Polyvinyl Chloride | 6 | 12.53 | 0.01 | Lateral |
| SWR_LTR_8497 | Polyvinyl Chloride | 6 | 12.52 | 0.01 | Lateral |
| SWR_LTR_8498 | Polyvinyl Chloride | 6 | 12.50 | 0.01 | Lateral |
| SWR_LTR_8499 | Polyvinyl Chloride | 6 | 12.55 | 0.01 | Lateral |
| SWR_LTR_8501 | Polyvinyl Chloride | 6 | 40.72 | 0.05 | Lateral |
| SWR_LTR_8503 | Polyvinyl Chloride | 6 | 36.97 | 0.04 | Lateral |
| SWR_LTR_8504 | Polyvinyl Chloride | 6 | 36.95 | 0.04 | Lateral |
| SWR_LTR_8506 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_8508 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_8510 | Polyvinyl Chloride | 6 | 38.27 | 0.04 | Lateral |
| SWR_LTR_8513 | Polyvinyl Chloride | 6 | 16.16 | 0.02 | Lateral |
| SWR_LTR_8515 | Polyvinyl Chloride | 6 | 13.99 | 0.02 | Lateral |
| SWR_LTR_8517 | Polyvinyl Chloride | 6 | 13.33 | 0.02 | Lateral |
| SWR_LTR_8519 | Polyvinyl Chloride | 6 | 13.66 | 0.02 | Lateral |
| SWR_LTR_8522 | Polyvinyl Chloride | 6 | 15.69 | 0.02 | Lateral |
| SWR_LTR_8523 | Polyvinyl Chloride | 6 | 14.45 | 0.02 | Lateral |
| SWR_LTR_8524 | Polyvinyl Chloride | 6 | 43.39 | 0.05 | Lateral |
| SWR_LTR_8525 | Polyvinyl Chloride | 6 | 42.13 | 0.05 | Lateral |
| SWR_LTR_8526 | Polyvinyl Chloride | 6 | 41.25 | 0.05 | Lateral |
| SWR_LTR_8527 | Polyvinyl Chloride | 6 | 40.89 | 0.05 | Lateral |
| SWR_LTR_8528 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_8530 | Polyvinyl Chloride | 6 | 38.51 | 0.04 | Lateral |
| SWR_LTR_8532 | Polyvinyl Chloride | 6 | 37.59 | 0.04 | Lateral |
| SWR_LTR_8534 | Polyvinyl Chloride | 6 | 37.92 | 0.04 | Lateral |
| SWR_LTR_8536 | Polyvinyl Chloride | 6 | 37.97 | 0.04 | Lateral |
| SWR_LTR_8537 | Polyvinyl Chloride | 6 | 31.26 | 0.04 | Lateral |
| SWR_LTR_8539 | Polyvinyl Chloride | 6 | 38.31 | 0.04 | Lateral |
| SWR_LTR_8559 | Polyvinyl Chloride | 6 | 16.63 | 0.02 | Lateral |
| SWR_LTR_8562 | Polyvinyl Chloride | 6 | 16.76 | 0.02 | Lateral |
| SWR_LTR_8564 | Polyvinyl Chloride | 6 | 16.92 | 0.02 | Lateral |
| SWR_LTR_8566 | Polyvinyl Chloride | 6 | 19.99 | 0.02 | Lateral |
| SWR_LTR_8578 | Polyvinyl Chloride | 6 | 25.95 | 0.03 | Lateral |
| SWR_LTR_8580 | Polyvinyl Chloride | 6 | 27.07 | 0.03 | Lateral |
| SWR_LTR_8582 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_8584 | Polyvinyl Chloride | 6 | 27.26 | 0.03 | Lateral |
| SWR_LTR_8586 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_8587 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_8590 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_8592 | Polyvinyl Chloride | 6 | 13.24 | 0.02 | Lateral |
| SWR_LTR_8594 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8596 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_8598 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_8600 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_8602 | Polyvinyl Chloride | 6 | 31.56 | 0.04 | Lateral |
| SWR_LTR_8604 | Polyvinyl Chloride | 6 | 31.47 | 0.04 | Lateral |
| SWR_LTR_8606 | Polyvinyl Chloride | 6 | 31.43 | 0.04 | Lateral |
| SWR_LTR_8608 | Polyvinyl Chloride | 6 | 31.16 | 0.04 | Lateral |
| SWR_LTR_8610 | Polyvinyl Chloride | 6 | 31.30 | 0.04 | Lateral |
| SWR_LTR_8611 | Polyvinyl Chloride | 6 | 6.44 | 0.01 | Lateral |
| SWR_LTR_8613 | Polyvinyl Chloride | 6 | 6.44 | 0.01 | Lateral |
| SWR_LTR_8614 | Polyvinyl Chloride | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_8615 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_8678 | Polyvinyl Chloride | 6 | 26.68 | 0.03 | Lateral |
| SWR_LTR_8680 | Polyvinyl Chloride | 6 | 36.54 | 0.04 | Lateral |
| SWR_LTR_8681 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_8682 | Polyvinyl Chloride | 6 | 20.00 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8683 | Polyvinyl Chloride | 6 | 24.86 | 0.03 | Lateral |
| SWR_LTR_8685 | Polyvinyl Chloride | 6 | 36.04 | 0.04 | Lateral |
| SWR_LTR_8687 | Polyvinyl Chloride | 6 | 33.10 | 0.04 | Lateral |
| SWR_LTR_8689 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_8690 | Polyvinyl Chloride | 6 | 38.32 | 0.04 | Lateral |
| SWR_LTR_8691 | Polyvinyl Chloride | 6 | 40.58 | 0.05 | Lateral |
| SWR_LTR_8693 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_8695 | Polyvinyl Chloride | 6 | 45.68 | 0.05 | Lateral |
| SWR_LTR_8696 | Polyvinyl Chloride | 6 | 42.89 | 0.05 | Lateral |
| SWR_LTR_8697 | Polyvinyl Chloride | 6 | 13.95 | 0.02 | Lateral |
| SWR_LTR_8698 | Polyvinyl Chloride | 6 | 6.55 | 0.01 | Lateral |
| SWR_LTR_87 | Polyvinyl Chloride | 6 | 27.50 | 0.03 | Lateral |
| SWR_LTR_8700 | Polyvinyl Chloride | 6 | 6.62 | 0.01 | Lateral |
| SWR_LTR_8701 | Polyvinyl Chloride | 6 | 6.74 | 0.01 | Lateral |
| SWR_LTR_8702 | Polyvinyl Chloride | 6 | 6.80 | 0.01 | Lateral |
| SWR_LTR_8703 | Polyvinyl Chloride | 6 | 29.01 | 0.03 | Lateral |
| SWR_LTR_8705 | Polyvinyl Chloride | 6 | 10.93 | 0.01 | Lateral |
| SWR_LTR_8707 | Polyvinyl Chloride | 6 | 5.79 | 0.01 | Lateral |
| SWR_LTR_8709 | Polyvinyl Chloride | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_8711 | Polyvinyl Chloride | 6 | 28.93 | 0.03 | Lateral |
| SWR_LTR_8713 | Polyvinyl Chloride | 6 | 37.67 | 0.04 | Lateral |
| SWR_LTR_8715 | Polyvinyl Chloride | 6 | 39.76 | 0.05 | Lateral |
| SWR_LTR_8717 | Polyvinyl Chloride | 6 | 39.76 | 0.05 | Lateral |
| SWR_LTR_8718 | Polyvinyl Chloride | 6 | 39.82 | 0.05 | Lateral |
| SWR_LTR_8720 | Polyvinyl Chloride | 6 | 39.72 | 0.05 | Lateral |
| SWR_LTR_8721 | Polyvinyl Chloride | 6 | 211.68 | 0.24 | Lateral |
| SWR_LTR_8722 | Polyvinyl Chloride | 6 | 39.77 | 0.05 | Lateral |
| SWR_LTR_8724 | Polyvinyl Chloride | 6 | 39.71 | 0.05 | Lateral |
| SWR_LTR_8726 | Polyvinyl Chloride | 6 | 120.46 | 0.14 | Lateral |
| SWR_LTR_8728 | Polyvinyl Chloride | 6 | 22.59 | 0.03 | Lateral |
| SWR_LTR_8730 | Polyvinyl Chloride | 6 | 22.97 | 0.03 | Lateral |
| SWR_LTR_8732 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_8734 | Polyvinyl Chloride | 6 | 9.49 | 0.01 | Lateral |
| SWR_LTR_8737 | Polyvinyl Chloride | 6 | 39.52 | 0.04 | Lateral |
| SWR_LTR_8739 | Polyvinyl Chloride | 6 | 72.77 | 0.08 | Lateral |
| SWR_LTR_8741 | Polyvinyl Chloride | 6 | 36.63 | 0.04 | Lateral |
| SWR_LTR_8743 | Polyvinyl Chloride | 6 | 11.84 | 0.01 | Lateral |
| SWR_LTR_8745 | Polyvinyl Chloride | 6 | 11.81 | 0.01 | Lateral |
| SWR_LTR_9470 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_9471 | Polyvinyl Chloride | 6 | 14.79 | 0.02 | Lateral |
| SWR_LTR_9472 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_9473 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_9474 | Polyvinyl Chloride | 6 | 10.65 | 0.01 | Lateral |
| SWR_LTR_9475 | Polyvinyl Chloride | 6 | 15.26 | 0.02 | Lateral |
| SWR_LTR_9476 | Polyvinyl Chloride | 6 | 15.50 | 0.02 | Lateral |
| SWR_LTR_9477 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_9478 | Polyvinyl Chloride | 6 | 10.14 | 0.01 | Lateral |
| SWR_LTR_9479 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_9480 | Polyvinyl Chloride | 6 | 9.61 | 0.01 | Lateral |
| SWR_LTR_9481 | Polyvinyl Chloride | 6 | 9.32 | 0.01 | Lateral |
| SWR_LTR_9482 | Polyvinyl Chloride | 6 | 16.02 | 0.02 | Lateral |
| SWR_LTR_9483 | Polyvinyl Chloride | 6 | 15.78 | 0.02 | Lateral |
| SWR_LTR_9484 | Polyvinyl Chloride | 6 | 16.03 | 0.02 | Lateral |
| SWR_LTR_9485 | Polyvinyl Chloride | 6 | 9.67 | 0.01 | Lateral |
| SWR_LTR_9486 | Polyvinyl Chloride | 6 | 9.46 | 0.01 | Lateral |
| SWR_LTR_9487 | Polyvinyl Chloride | 6 | 15.29 | 0.02 | Lateral |
| SWR_LTR_9488 | Polyvinyl Chloride | 6 | 10.08 | 0.01 | Lateral |
| SWR_LTR_9489 | Polyvinyl Chloride | 6 | 9.79 | 0.01 | Lateral |
| SWR_LTR_9490 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_9491 | Polyvinyl Chloride | 6 | 14.87 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9492 | Polyvinyl Chloride | 6 | 10.59 | 0.01 | Lateral |
| SWR_LTR_9493 | Polyvinyl Chloride | 6 | 10.35 | 0.01 | Lateral |
| SWR_LTR_9494 | Polyvinyl Chloride | 6 | 16.39 | 0.02 | Lateral |
| SWR_LTR_9495 | Polyvinyl Chloride | 6 | 14.59 | 0.02 | Lateral |
| SWR_LTR_9617 | Polyvinyl Chloride | 6 | 35.11 | 0.04 | Lateral |
| SWR_LTR_9618 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_9619 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_9620 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_9621 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_9622 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_9623 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_9655 | Polyvinyl Chloride | 6 | 4.17 | 0.005 | Lateral |
| SWR_LTR_9656 | Polyvinyl Chloride | 6 | 20.14 | 0.02 | Lateral |
| SWR_LTR_9657 | Polyvinyl Chloride | 6 | 6.42 | 0.01 | Lateral |
| SWR_LTR_9659 | Polyvinyl Chloride | 6 | 5.15 | 0.01 | Lateral |
| SWR_LTR_9660 | Polyvinyl Chloride | 6 | 26.53 | 0.03 | Lateral |
| SWR_LTR_9661 | Polyvinyl Chloride | 6 | 9.63 | 0.01 | Lateral |
| SWR_LTR_9858 | Other | 8 | 14.33 | 0.02 | Lateral |
| SWR_LTR_9912 | Other | 12 | 16.20 | 0.04 | Lateral |
| SWR_PRS_18934 | Other | 6 | 18.21 | 0.02 | Lateral |
| SWR_SPH_6981 | Unknown | 12 | 62.12 | 0.14 | Siphon |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1305 | Concrete (Non-Reinforced) | 8 | 369.46 | 0.56 | Main |
| SWR_GRV_1309 | Concrete (Non-Reinforced) | 8 | 5.09 | 0.01 | Main |
| SWR_GRV_1539 | Concrete (Non-Reinforced) | 8 | 400.00 | 0.61 | Main |
| SWR_GRV_1599 | Terra Cotta | 8 | 221.74 | 0.34 | Main |
| SWR_GRV_1600 | Concrete (Non-Reinforced) | 8 | 348.17 | 0.53 | Main |
| SWR_GRV_1601 | Concrete (Non-Reinforced) | 12 | 17.65 | 0.04 | Main |
| SWR_GRV_1602 | Concrete (Non-Reinforced) | 12 | 107.79 | 0.24 | Main |
| SWR_GRV_1605 | Concrete (Non-Reinforced) | 8 | 69.88 | 0.11 | Main |
| SWR_GRV_1606 | Concrete (Non-Reinforced) | 8 | 260.87 | 0.40 | Main |
| SWR_GRV_1607 | Concrete (Non-Reinforced) | 8 | 239.28 | 0.36 | Main |
| SWR_GRV_1608 | Concrete (Non-Reinforced) | 8 | 370.17 | 0.56 | Main |
| SWR_GRV_1609 | Concrete (Non-Reinforced) | 8 | 495.80 | 0.75 | Main |
| SWR_GRV_1610 | Concrete (Non-Reinforced) | 8 | 4.64 | 0.01 | Main |
| SWR_GRV_1611 | Concrete (Non-Reinforced) | 8 | 74.27 | 0.11 | Main |
| SWR_GRV_1612 | Concrete (Non-Reinforced) | 8 | 171.02 | 0.26 | Main |
| SWR_GRV_1613 | Concrete (Non-Reinforced) | 8 | 357.98 | 0.54 | Main |
| SWR_GRV_1614 | Concrete (Non-Reinforced) | 8 | 294.38 | 0.45 | Main |
| SWR_GRV_1615 | Concrete (Non-Reinforced) | 8 | 102.11 | 0.15 | Main |
| SWR_GRV_1616 | Concrete (Non-Reinforced) | 8 | 146.99 | 0.22 | Main |
| SWR_GRV_1617 | Concrete (Non-Reinforced) | 8 | 126.37 | 0.19 | Main |
| SWR_GRV_1618 | Concrete (Non-Reinforced) | 8 | 152.15 | 0.23 | Main |
| SWR_GRV_1619 | Concrete (Non-Reinforced) | 12 | 202.67 | 0.46 | Main |
| SWR_GRV_1622 | Concrete (Non-Reinforced) | 8 | 111.08 | 0.17 | Main |
| SWR_GRV_1623 | Concrete (Non-Reinforced) | 15 | 419.35 | 1.19 | Main |
| SWR_GRV_1624 | PVC (A2000) | 8 | 33.88 | 0.05 | Main |
| SWR_GRV_1625 | Concrete (Non-Reinforced) | 15 | 14.94 | 0.04 | Main |
| SWR_GRV_1626 | Concrete (Non-Reinforced) | 8 | 367.38 | 0.56 | Main |
| SWR_GRV_1627 | Concrete (Non-Reinforced) | 18 | 41.35 | 0.14 | Main |
| SWR_GRV_1628 | Concrete (Non-Reinforced) | 18 | 127.76 | 0.44 | Main |
| SWR_GRV_1629 | Concrete (Non-Reinforced) | 18 | 190.03 | 0.65 | Main |
| SWR_GRV_1630 | Concrete (Non-Reinforced) | 18 | 195.78 | 0.67 | Main |
| SWR_GRV_1631 | Concrete (Non-Reinforced) | 18 | 178.06 | 0.61 | Main |
| SWR_GRV_1632 | Concrete (Non-Reinforced) | 18 | 10.73 | 0.04 | Main |
| SWR_GRV_1633 | Concrete (Non-Reinforced) | 18 | 32.53 | 0.11 | Main |
| SWR_GRV_1634 | Concrete (Non-Reinforced) | 8 | 38.45 | 0.06 | Main |
| SWR_GRV_1635 | Concrete (Non-Reinforced) | 8 | 451.59 | 0.68 | Main |
| SWR_GRV_1636 | Concrete (Non-Reinforced) | 8 | 305.41 | 0.46 | Main |
| SWR_GRV_1637 | Concrete (Non-Reinforced) | 18 | 350.68 | 1.20 | Main |
| SWR_GRV_1638 | Concrete (Non-Reinforced) | 18 | 304.48 | 1.04 | Main |
| SWR_GRV_1639 | Polyvinyl Chloride | 18 | 170.25 | 0.58 | Main |
| SWR_GRV_1641 | Concrete (Non-Reinforced) | 18 | 443.44 | 1.51 | Main |
| SWR_GRV_1642 | Concrete (Non-Reinforced) | 18 | 449.74 | 1.53 | Main |
| SWR_GRV_1643 | Concrete (Non-Reinforced) | 18 | 400.11 | 1.36 | Main |
| SWR_GRV_1644 | Concrete (Non-Reinforced) | 15 | 450.00 | 1.28 | Main |
| SWR_GRV_1645 | Concrete (Non-Reinforced) | 15 | 434.91 | 1.24 | Main |
| SWR_GRV_1673 | Concrete (Non-Reinforced) | 8 | 270.12 | 0.41 | Main |
| SWR_GRV_1674 | Concrete (Non-Reinforced) | 8 | 159.58 | 0.24 | Main |
| SWR_GRV_1676 | Concrete (Non-Reinforced) | 15 | 14.88 | 0.04 | Main |
| SWR_GRV_1677 | Concrete (Non-Reinforced) | 15 | 13.20 | 0.04 | Main |
| SWR_GRV_1678 | Concrete (Non-Reinforced) | 15 | 255.26 | 0.73 | Main |
| SWR_GRV_1679 | Concrete (Non-Reinforced) | 12 | 373.13 | 0.85 | Main |
| SWR_GRV_1680 | Concrete (Non-Reinforced) | 12 | 360.94 | 0.82 | Main |
| SWR_GRV_1681 | Concrete (Non-Reinforced) | 10 | 357.67 | 0.68 | Main |
| SWR_GRV_1682 | Concrete (Non-Reinforced) | 12 | 108.24 | 0.25 | Main |
| SWR_GRV_1683 | Concrete (Non-Reinforced) | 12 | 183.75 | 0.42 | Main |
| SWR_GRV_1684 | Concrete (Non-Reinforced) | 10 | 56.57 | 0.11 | Main |
| SWR_GRV_1685 | Concrete (Non-Reinforced) | 10 | 187.36 | 0.35 | Main |
| SWR_GRV_1686 | Concrete (Non-Reinforced) | 10 | 206.69 | 0.39 | Main |
| SWR_GRV_1687 | Concrete (Non-Reinforced) | 8 | 250.10 | 0.38 | Main |
| SWR_GRV_1688 | Concrete (Non-Reinforced) | 8 | 275.01 | 0.42 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1689 | Concrete (Non-Reinforced) | 18 | 270.19 | 0.92 | Main |
| SWR_GRV_1728 | Concrete (Non-Reinforced) | 8 | 270.00 | 0.41 | Main |
| SWR_GRV_1762 | Concrete (Non-Reinforced) | 8 | 417.20 | 0.63 | Main |
| SWR_GRV_1829 | Concrete (Non-Reinforced) | 8 | 6.62 | 0.01 | Main |
| SWR_GRV_18948 | Ductile Iron | 8 | 161.28 | 0.24 | Main |
| SWR_GRV_18952 | Polyvinyl Chloride | 16 | 7.48 | 0.02 | Main |
| SWR_GRV_18953 | Polyvinyl Chloride | 16 | 134.67 | 0.41 | Main |
| SWR_GRV_19223 | Terra Cotta | 8 | 34.51 | 0.05 | Main |
| SWR_GRV_19237 | Polyvinyl Chloride | 24 | 130.94 | 0.60 | Main |
| SWR_GRV_19238 | Polyvinyl Chloride | 18 | 36.59 | 0.12 | Main |
| SWR_GRV_19239 | Polyvinyl Chloride | 18 | 26.80 | 0.09 | Main |
| SWR_GRV_19240 | Terra Cotta | 18 | 33.27 | 0.11 | Main |
| SWR_GRV_19241 | Terra Cotta | 36 | 50.00 | 0.34 | Main |
| SWR_GRV_2249 | Polyvinyl Chloride | 18 | 20.33 | 0.07 | Main |
| SWR_GRV_2251 | Polyvinyl Chloride | 18 | 355.42 | 1.21 | Main |
| SWR_GRV_2252 | Polyvinyl Chloride | 18 | 15.35 | 0.05 | Main |
| SWR_GRV_2372 | Terra Cotta | 8 | 41.97 | 0.06 | Main |
| SWR_GRV_2374 | Terra Cotta | 8 | 21.91 | 0.03 | Main |
| SWR_GRV_2378 | Terra Cotta | 8 | 34.95 | 0.05 | Main |
| SWR_GRV_2381 | Terra Cotta | 8 | 4.54 | 0.01 | Main |
| SWR_GRV_29 | Concrete (Non-Reinforced) | 18 | 170.94 | 0.58 | Main |
| SWR_GRV_3109 | Terra Cotta | 8 | 400.09 | 0.61 | Main |
| SWR_GRV_3113 | Terra Cotta | 8 | 406.34 | 0.62 | Main |
| SWR_GRV_3119 | Polyvinyl Chloride | 8 | 369.41 | 0.56 | Main |
| SWR_GRV_3121 | Terra Cotta | 8 | 397.36 | 0.60 | Main |
| SWR_GRV_3172 | Terra Cotta | 8 | 98.97 | 0.15 | Main |
| SWR_GRV_3706 | Terra Cotta | 8 | 113.60 | 0.17 | Main |
| SWR_GRV_3709 | Terra Cotta | 8 | 49.05 | 0.07 | Main |
| SWR_GRV_3713 | Terra Cotta | 8 | 237.01 | 0.36 | Main |
| SWR_GRV_3717 | Terra Cotta | 6 | 290.87 | 0.33 | Main |
| SWR_GRV_4 | Concrete (Non-Reinforced) | 8 | 422.77 | 0.64 | Main |
| SWR_GRV_408 | Concrete (Non-Reinforced) | 8 | 260.33 | 0.39 | Main |
| SWR_GRV_4256 | Terra Cotta | 8 | 109.98 | 0.17 | Main |
| SWR_GRV_4258 | Terra Cotta | 8 | 109.99 | 0.17 | Main |
| SWR_GRV_4262 | Terra Cotta | 10 | 424.81 | 0.80 | Main |
| SWR_GRV_4265 | Terra Cotta | 8 | 400.31 | 0.61 | Main |
| SWR_GRV_4646 | Terra Cotta | 8 | 287.69 | 0.44 | Main |
| SWR_GRV_4649 | Terra Cotta | 8 | 66.98 | 0.10 | Main |
| SWR_GRV_48 | Concrete (Non-Reinforced) | 12 | 293.32 | 0.67 | Main |
| SWR_GRV_49 | Concrete (Non-Reinforced) | 18 | 7.65 | 0.03 | Main |
| SWR_GRV_496 | Concrete (Non-Reinforced) | 18 | 7.11 | 0.02 | Main |
| SWR_GRV_50 | Concrete (Non-Reinforced) | 8 | 26.80 | 0.04 | Main |
| SWR_GRV_578 | Terra Cotta | 6 | 300.50 | 0.34 | Main |
| SWR_GRV_6142 | Terra Cotta | 8 | 56.62 | 0.09 | Main |
| SWR_GRV_6144 | Terra Cotta | 8 | 301.29 | 0.46 | Main |
| SWR_GRV_6146 | Terra Cotta | 8 | 131.97 | 0.20 | Main |
| SWR_GRV_6148 | Terra Cotta | 8 | 165.28 | 0.25 | Main |
| SWR_GRV_6150 | Terra Cotta | 8 | 34.44 | 0.05 | Main |
| SWR_GRV_6153 | Terra Cotta | 8 | 75.38 | 0.11 | Main |
| SWR_GRV_6155 | Terra Cotta | 8 | 345.28 | 0.52 | Main |
| SWR_GRV_6157 | Terra Cotta | 8 | 281.86 | 0.43 | Main |
| SWR_GRV_6159 | Terra Cotta | 8 | 289.32 | 0.44 | Main |
| SWR_GRV_6161 | Terra Cotta | 8 | 291.93 | 0.44 | Main |
| SWR_GRV_6163 | Terra Cotta | 8 | 352.99 | 0.53 | Main |
| SWR_GRV_6182 | Terra Cotta | 8 | 214.12 | 0.32 | Main |
| SWR_GRV_6224 | Polyvinyl Chloride | 24 | 12.91 | 0.06 | Main |
| SWR_GRV_6521 | Terra Cotta | 8 | 389.97 | 0.59 | Main |
| SWR_GRV_7094 | Terra Cotta | 15 | 201.04 | 0.57 | Main |
| SWR_GRV_7096 | Terra Cotta | 15 | 27.73 | 0.08 | Main |
| SWR_GRV_7098 | Terra Cotta | 15 | 6.00 | 0.02 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7100 | Terra Cotta | 8 | 102.74 | 0.16 | Main |
| SWR_GRV_7102 | Terra Cotta | 15 | 143.91 | 0.41 | Main |
| SWR_GRV_7104 | Terra Cotta | 15 | 25.44 | 0.07 | Main |
| SWR_GRV_7106 | Terra Cotta | 8 | 311.09 | 0.47 | Main |
| SWR_GRV_7110 | Terra Cotta | 8 | 370.30 | 0.56 | Main |
| SWR_GRV_7113 | Terra Cotta | 15 | 248.69 | 0.71 | Main |
| SWR_GRV_7115 | Terra Cotta | 18 | 227.03 | 0.77 | Main |
| SWR_GRV_7117 | Terra Cotta | 15 | 184.67 | 0.52 | Main |
| SWR_GRV_7119 | Terra Cotta | 15 | 299.83 | 0.85 | Main |
| SWR_GRV_7121 | Terra Cotta | 15 | 450.44 | 1.28 | Main |
| SWR_GRV_7123 | Terra Cotta | 15 | 449.64 | 1.28 | Main |
| SWR_GRV_7125 | Terra Cotta | 18 | 449.20 | 1.53 | Main |
| SWR_GRV_7254 | Terra Cotta | 8 | 449.61 | 0.68 | Main |
| SWR_GRV_7286 | Terra Cotta | 8 | 400.54 | 0.61 | Main |
| SWR_GRV_7289 | Terra Cotta | 8 | 443.53 | 0.67 | Main |
| SWR_GRV_7291 | Polyvinyl Chloride | 36 | 34.94 | 0.24 | Main |
| SWR_GRV_7293 | Polyvinyl Chloride | 36 | 213.94 | 1.46 | Main |
| SWR_GRV_7295 | Polyvinyl Chloride | 36 | 156.61 | 1.07 | Main |
| SWR_GRV_7299 | Polyvinyl Chloride | 24 | 13.61 | 0.06 | Main |
| SWR_GRV_7545 | Terra Cotta | 8 | 28.24 | 0.04 | Main |
| SWR_GRV_7652 | Terra Cotta | 8 | 33.11 | 0.05 | Main |
| SWR_GRV_7654 | Terra Cotta | 8 | 363.35 | 0.55 | Main |
| SWR_GRV_7656 | Terra Cotta | 8 | 152.90 | 0.23 | Main |
| SWR_GRV_7657 | Terra Cotta | 8 | 93.46 | 0.14 | Main |
| SWR_GRV_7659 | Terra Cotta | 8 | 214.64 | 0.33 | Main |
| SWR_GRV_7660 | Terra Cotta | 8 | 194.90 | 0.30 | Main |
| SWR_GRV_7662 | Terra Cotta | 8 | 116.57 | 0.18 | Main |
| SWR_GRV_7664 | Terra Cotta | 8 | 72.20 | 0.11 | Main |
| SWR_GRV_7666 | Terra Cotta | 8 | 357.32 | 0.54 | Main |
| SWR_GRV_7668 | Terra Cotta | 8 | 102.82 | 0.16 | Main |
| SWR_GRV_7670 | Terra Cotta | 8 | 142.03 | 0.22 | Main |
| SWR_GRV_7672 | Terra Cotta | 8 | 119.22 | 0.18 | Main |
| SWR_GRV_7674 | Terra Cotta | 8 | 45.77 | 0.07 | Main |
| SWR_GRV_7676 | Terra Cotta | 8 | 54.62 | 0.08 | Main |
| SWR_GRV_7678 | Terra Cotta | 8 | 183.94 | 0.28 | Main |
| SWR_GRV_7680 | Terra Cotta | 8 | 67.43 | 0.10 | Main |
| SWR_GRV_7682 | Terra Cotta | 8 | 188.55 | 0.29 | Main |
| SWR_GRV_7684 | Other | 10 | 175.12 | 0.33 | Main |
| SWR_GRV_7686 | Terra Cotta | 8 | 358.97 | 0.54 | Main |
| SWR_GRV_7688 | Terra Cotta | 8 | 20.98 | 0.03 | Main |
| SWR_GRV_7694 | Terra Cotta | 6 | 150.39 | 0.17 | Main |
| SWR_GRV_7696 | Terra Cotta | 8 | 268.13 | 0.41 | Main |
| SWR_GRV_7698 | Terra Cotta | 8 | 336.39 | 0.51 | Main |
| SWR_GRV_7706 | Terra Cotta | 8 | 197.85 | 0.30 | Main |
| SWR_GRV_7708 | Terra Cotta | 8 | 169.68 | 0.26 | Main |
| SWR_GRV_7710 | Terra Cotta | 15 | 15.99 | 0.05 | Main |
| SWR_GRV_7712 | Terra Cotta | 8 | 170.31 | 0.26 | Main |
| SWR_GRV_7714 | Terra Cotta | 15 | 144.76 | 0.41 | Main |
| SWR_GRV_7716 | Terra Cotta | 15 | 433.22 | 1.23 | Main |
| SWR_GRV_7717 | Terra Cotta | 15 | 450.12 | 1.28 | Main |
| SWR_GRV_7719 | Terra Cotta | 8 | 196.74 | 0.30 | Main |
| SWR_GRV_7721 | Terra Cotta | 8 | 170.43 | 0.26 | Main |
| SWR_GRV_7723 | Terra Cotta | 15 | 71.62 | 0.20 | Main |
| SWR_GRV_7725 | Terra Cotta | 15 | 328.51 | 0.93 | Main |
| SWR_GRV_7727 | Terra Cotta | 18 | 449.97 | 1.53 | Main |
| SWR_GRV_7729 | Terra Cotta | 8 | 196.26 | 0.30 | Main |
| SWR_GRV_7731 | Terra Cotta | 8 | 170.30 | 0.26 | Main |
| SWR_GRV_7733 | Terra Cotta | 18 | 410.46 | 1.40 | Main |
| SWR_GRV_7735 | Terra Cotta | 8 | 399.56 | 0.61 | Main |
| SWR_GRV_7737 | Polyvinyl Chloride | 12 | 168.53 | 0.38 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7740 | Terra Cotta | 8 | 400.42 | 0.61 | Main |
| SWR_GRV_7742 | Terra Cotta | 8 | 349.27 | 0.53 | Main |
| SWR_GRV_7744 | Terra Cotta | 8 | 400.97 | 0.61 | Main |
| SWR_GRV_7746 | Terra Cotta | 8 | 188.39 | 0.29 | Main |
| SWR_GRV_7748 | Terra Cotta | 8 | 400.50 | 0.61 | Main |
| SWR_GRV_7750 | Terra Cotta | 18 | 356.77 | 1.22 | Main |
| SWR_GRV_7753 | Terra Cotta | 8 | 300.35 | 0.46 | Main |
| SWR_GRV_7755 | Terra Cotta | 8 | 399.47 | 0.61 | Main |
| SWR_GRV_7757 | Terra Cotta | 8 | 195.04 | 0.30 | Main |
| SWR_GRV_7759 | Terra Cotta | 8 | 273.50 | 0.41 | Main |
| SWR_GRV_7761 | Terra Cotta | 8 | 399.50 | 0.61 | Main |
| SWR_GRV_7763 | Terra Cotta | 8 | 300.00 | 0.45 | Main |
| SWR_GRV_7765 | Terra Cotta | 8 | 249.85 | 0.38 | Main |
| SWR_GRV_7770 | Terra Cotta | 15 | 168.81 | 0.48 | Main |
| SWR_GRV_7772 | Terra Cotta | 15 | 169.96 | 0.48 | Main |
| SWR_GRV_7777 | Terra Cotta | 8 | 338.30 | 0.51 | Main |
| SWR_GRV_7779 | Terra Cotta | 8 | 342.35 | 0.52 | Main |
| SWR_GRV_7782 | Terra Cotta | 8 | 248.90 | 0.38 | Main |
| SWR_GRV_7784 | Terra Cotta | 12 | 346.84 | 0.79 | Main |
| SWR_GRV_7786 | Terra Cotta | 8 | 132.74 | 0.20 | Main |
| SWR_GRV_7788 | Terra Cotta | 8 | 284.98 | 0.43 | Main |
| SWR_GRV_7791 | Terra Cotta | 8 | 194.95 | 0.30 | Main |
| SWR_GRV_7793 | Terra Cotta | 8 | 195.22 | 0.30 | Main |
| SWR_GRV_7795 | Terra Cotta | 18 | 185.21 | 0.63 | Main |
| SWR_GRV_7797 | Terra Cotta | 18 | 299.99 | 1.02 | Main |
| SWR_GRV_7800 | Terra Cotta | 8 | 413.69 | 0.63 | Main |
| SWR_GRV_7801 | Terra Cotta | 8 | 370.22 | 0.56 | Main |
| SWR_GRV_7803 | Terra Cotta | 18 | 206.58 | 0.70 | Main |
| SWR_GRV_7805 | Terra Cotta | 18 | 247.37 | 0.84 | Main |
| SWR_GRV_7807 | Terra Cotta | 18 | 39.96 | 0.14 | Main |
| SWR_GRV_7809 | Terra Cotta | 8 | 188.12 | 0.29 | Main |
| SWR_GRV_7815 | Terra Cotta | 8 | 159.11 | 0.24 | Main |
| SWR_GRV_7816 | Terra Cotta | 8 | 194.28 | 0.29 | Main |
| SWR_GRV_7818 | Terra Cotta | 8 | 24.55 | 0.04 | Main |
| SWR_GRV_7820 | Terra Cotta | 8 | 71.61 | 0.11 | Main |
| SWR_GRV_7822 | Terra Cotta | 8 | 212.97 | 0.32 | Main |
| SWR_GRV_7824 | Terra Cotta | 8 | 168.10 | 0.25 | Main |
| SWR_GRV_7826 | Terra Cotta | 18 | 369.88 | 1.26 | Main |
| SWR_GRV_7831 | Terra Cotta | 8 | 94.22 | 0.14 | Main |
| SWR_GRV_7832 | Terra Cotta | 12 | 87.80 | 0.20 | Main |
| SWR_GRV_7834 | Terra Cotta | 8 | 184.35 | 0.28 | Main |
| SWR_GRV_7836 | Terra Cotta | 8 | 285.00 | 0.43 | Main |
| SWR_GRV_7840 | Terra Cotta | 8 | 202.06 | 0.31 | Main |
| SWR_GRV_7843 | Terra Cotta | 8 | 7.84 | 0.01 | Main |
| SWR_GRV_7848 | Terra Cotta | 8 | 99.29 | 0.15 | Main |
| SWR_GRV_7850 | Terra Cotta | 8 | 100.10 | 0.15 | Main |
| SWR_GRV_7852 | Terra Cotta | 8 | 213.73 | 0.32 | Main |
| SWR_GRV_7856 | Terra Cotta | 8 | 101.34 | 0.15 | Main |
| SWR_GRV_7858 | Terra Cotta | 8 | 90.21 | 0.14 | Main |
| SWR_GRV_7860 | Terra Cotta | 8 | 101.38 | 0.15 | Main |
| SWR_GRV_7862 | Terra Cotta | 8 | 208.75 | 0.32 | Main |
| SWR_GRV_7864 | Terra Cotta | 8 | 362.16 | 0.55 | Main |
| SWR_GRV_7865 | Terra Cotta | 8 | 149.50 | 0.23 | Main |
| SWR_GRV_7867 | Terra Cotta | 8 | 152.70 | 0.23 | Main |
| SWR_GRV_7869 | Terra Cotta | 8 | 97.19 | 0.15 | Main |
| SWR_GRV_7871 | Terra Cotta | 8 | 152.56 | 0.23 | Main |
| SWR_GRV_7873 | Terra Cotta | 8 | 101.20 | 0.15 | Main |
| SWR_GRV_7875 | Terra Cotta | 8 | 114.27 | 0.17 | Main |
| SWR_GRV_7877 | Terra Cotta | 8 | 109.26 | 0.17 | Main |
| SWR_GRV_7879 | Terra Cotta | 8 | 31.08 | 0.05 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7881 | Terra Cotta | 8 | 29.40 | 0.04 | Main |
| SWR_GRV_7883 | Terra Cotta | 8 | 132.27 | 0.20 | Main |
| SWR_GRV_7886 | Terra Cotta | 8 | 332.25 | 0.50 | Main |
| SWR_GRV_7888 | Terra Cotta | 8 | 122.51 | 0.19 | Main |
| SWR_GRV_7890 | Terra Cotta | 8 | 395.09 | 0.60 | Main |
| SWR_GRV_7892 | Terra Cotta | 8 | 59.35 | 0.09 | Main |
| SWR_GRV_7894 | Terra Cotta | 8 | 38.68 | 0.06 | Main |
| SWR_GRV_7896 | Terra Cotta | 8 | 57.75 | 0.09 | Main |
| SWR_GRV_7898 | Terra Cotta | 8 | 343.30 | 0.52 | Main |
| SWR_GRV_7900 | Terra Cotta | 8 | 178.16 | 0.27 | Main |
| SWR_GRV_7902 | Terra Cotta | 8 | 52.77 | 0.08 | Main |
| SWR_GRV_7904 | Terra Cotta | 8 | 293.16 | 0.44 | Main |
| SWR_GRV_7907 | Terra Cotta | 8 | 481.16 | 0.73 | Main |
| SWR_GRV_7932 | Terra Cotta | 18 | 450.96 | 1.54 | Main |
| SWR_GRV_7936 | Polyvinyl Chloride | 8 | 52.30 | 0.08 | Main |
| SWR_GRV_7938 | Polyvinyl Chloride | 8 | 312.57 | 0.47 | Main |
| SWR_GRV_7941 | Terra Cotta | 18 | 450.22 | 1.53 | Main |
| SWR_GRV_7943 | Terra Cotta | 8 | 444.57 | 0.67 | Main |
| SWR_GRV_7947 | Terra Cotta | 8 | 113.04 | 0.17 | Main |
| SWR_GRV_7949 | Terra Cotta | 10 | 152.12 | 0.29 | Main |
| SWR_GRV_7951 | Terra Cotta | 15 | 54.16 | 0.15 | Main |
| SWR_GRV_7953 | Terra Cotta | 15 | 289.54 | 0.82 | Main |
| SWR_GRV_7955 | Terra Cotta | 15 | 210.19 | 0.60 | Main |
| SWR_GRV_7957 | Polyvinyl Chloride | 16 | 167.58 | 0.51 | Main |
| SWR_GRV_7959 | Polyvinyl Chloride | 16 | 38.47 | 0.12 | Main |
| SWR_GRV_7961 | Polyvinyl Chloride | 16 | 17.61 | 0.05 | Main |
| SWR_GRV_7963 | Polyvinyl Chloride | 16 | 15.38 | 0.05 | Main |
| SWR_GRV_7965 | Polyvinyl Chloride | 16 | 206.34 | 0.63 | Main |
| SWR_GRV_7967 | Terra Cotta | 10 | 393.67 | 0.75 | Main |
| SWR_GRV_7980 | Terra Cotta | 8 | 248.53 | 0.38 | Main |
| SWR_GRV_7982 | Terra Cotta | 8 | 249.57 | 0.38 | Main |
| SWR_GRV_7984 | Terra Cotta | 8 | 18.48 | 0.03 | Main |
| SWR_GRV_7987 | Terra Cotta | 8 | 229.00 | 0.35 | Main |
| SWR_GRV_7991 | Terra Cotta | 15 | 192.61 | 0.55 | Main |
| SWR_GRV_7993 | Terra Cotta | 15 | 160.05 | 0.45 | Main |
| SWR_GRV_7995 | Terra Cotta | 15 | 17.37 | 0.05 | Main |
| SWR_GRV_8001 | Terra Cotta | 8 | 256.48 | 0.39 | Main |
| SWR_GRV_8003 | Terra Cotta | 8 | 169.59 | 0.26 | Main |
| SWR_GRV_8005 | Terra Cotta | 12 | 68.13 | 0.15 | Main |
| SWR_GRV_8007 | Terra Cotta | 12 | 570.46 | 1.30 | Main |
| SWR_GRV_8009 | Terra Cotta | 8 | 496.02 | 0.75 | Main |
| SWR_GRV_8015 | Terra Cotta | 18 | 407.40 | 1.39 | Main |
| SWR_GRV_8026 | Polyvinyl Chloride | 36 | 38.94 | 0.27 | Main |
| SWR_GRV_8288 | Polyvinyl Chloride | 16 | 186.14 | 0.56 | Main |
| SWR_GRV_8306 | Terra Cotta | 8 | 103.21 | 0.16 | Main |
| SWR_GRV_8308 | Terra Cotta | 8 | 39.14 | 0.06 | Main |
| SWR_GRV_8310 | Terra Cotta | 8 | 129.66 | 0.20 | Main |
| SWR_GRV_8312 | Terra Cotta | 8 | 28.21 | 0.04 | Main |
| SWR_GRV_8314 | Terra Cotta | 8 | 165.39 | 0.25 | Main |
| SWR_GRV_8316 | Terra Cotta | 8 | 182.22 | 0.28 | Main |
| SWR_GRV_8318 | Polyvinyl Chloride | 8 | 50.08 | 0.08 | Main |
| SWR_GRV_8330 | Terra Cotta | 8 | 101.32 | 0.15 | Main |
| SWR_GRV_8332 | Terra Cotta | 8 | 93.29 | 0.14 | Main |
| SWR_GRV_8336 | Terra Cotta | 8 | 175.34 | 0.27 | Main |
| SWR_GRV_8338 | Terra Cotta | 8 | 287.83 | 0.44 | Main |
| SWR_GRV_8340 | Terra Cotta | 8 | 101.73 | 0.15 | Main |
| SWR_GRV_8342 | Terra Cotta | 8 | 314.62 | 0.48 | Main |
| SWR_GRV_8344 | Terra Cotta | 8 | 84.95 | 0.13 | Main |
| SWR_GRV_8346 | Terra Cotta | 8 | 234.05 | 0.35 | Main |
| SWR_GRV_8348 | Terra Cotta | 8 | 400.43 | 0.61 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_8394 | Terra Cotta | 8 | 158.94 | 0.24 | Main |
| SWR_GRV_8538 | Terra Cotta | 8 | 574.97 | 0.87 | Main |
| SWR_GRV_8540 | Terra Cotta | 8 | 567.79 | 0.86 | Main |
| SWR_GRV_8541 | Terra Cotta | 8 | 370.02 | 0.56 | Main |
| SWR_GRV_8542 | Terra Cotta | 12 | 229.39 | 0.52 | Main |
| SWR_GRV_855 | Concrete (Non-Reinforced) | 15 | 424.87 | 1.21 | Main |
| SWR_GRV_856 | Concrete (Non-Reinforced) | 15 | 148.96 | 0.42 | Main |
| SWR_GRV_857 | Concrete (Non-Reinforced) | 8 | 100.88 | 0.15 | Main |
| SWR_GRV_858 | Concrete (Non-Reinforced) | 8 | 17.85 | 0.03 | Main |
| SWR_GRV_859 | Concrete (Non-Reinforced) | 8 | 307.86 | 0.47 | Main |
| SWR_GRV_875 | Concrete (Non-Reinforced) | 8 | 375.00 | 0.57 | Main |
| SWR_GRV_876 | Concrete (Non-Reinforced) | 8 | 426.86 | 0.65 | Main |
| SWR_GRV_877 | Concrete (Non-Reinforced) | 8 | 301.04 | 0.46 | Main |
| SWR_GRV_878 | Concrete (Non-Reinforced) | 8 | 200.36 | 0.30 | Main |
| SWR_LTR_10106 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_10107 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_10108 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_10109 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_10110 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_10115 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_10116 | Polyvinyl Chloride | 6 | 11.68 | 0.01 | Lateral |
| SWR_LTR_10117 | Polyvinyl Chloride | 6 | 11.53 | 0.01 | Lateral |
| SWR_LTR_10118 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_10119 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_10120 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_10121 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_10122 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_10123 | Polyvinyl Chloride | 6 | 19.22 | 0.02 | Lateral |
| SWR_LTR_10124 | Polyvinyl Chloride | 6 | 14.39 | 0.02 | Lateral |
| SWR_LTR_10125 | Polyvinyl Chloride | 6 | 10.96 | 0.01 | Lateral |
| SWR_LTR_10126 | Polyvinyl Chloride | 6 | 11.13 | 0.01 | Lateral |
| SWR_LTR_10127 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_10141 | Polyvinyl Chloride | 6 | 17.16 | 0.02 | Lateral |
| SWR_LTR_10142 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_10143 | Polyvinyl Chloride | 6 | 14.71 | 0.02 | Lateral |
| SWR_LTR_10144 | Polyvinyl Chloride | 6 | 17.09 | 0.02 | Lateral |
| SWR_LTR_10145 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_10146 | Polyvinyl Chloride | 6 | 36.82 | 0.04 | Lateral |
| SWR_LTR_10147 | Polyvinyl Chloride | 6 | 21.80 | 0.02 | Lateral |
| SWR_LTR_10148 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10149 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10150 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_10151 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10152 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10153 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10154 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10155 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_10156 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_10157 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_10158 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_10159 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_10160 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_10161 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_10162 | Polyvinyl Chloride | 6 | 17.80 | 0.02 | Lateral |
| SWR_LTR_10163 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_10164 | Polyvinyl Chloride | 6 | 17.96 | 0.02 | Lateral |
| SWR_LTR_10167 | Polyvinyl Chloride | 6 | 6.83 | 0.01 | Lateral |
| SWR_LTR_10168 | Polyvinyl Chloride | 6 | 5.84 | 0.01 | Lateral |
| SWR_LTR_10169 | Polyvinyl Chloride | 6 | 7.42 | 0.01 | Lateral |
| SWR_LTR_10170 | Polyvinyl Chloride | 6 | 6.05 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10171 | Polyvinyl Chloride | 6 | 5.79 | 0.01 | Lateral |
| SWR_LTR_10172 | Polyvinyl Chloride | 6 | 5.03 | 0.01 | Lateral |
| SWR_LTR_10173 | Polyvinyl Chloride | 6 | 5.62 | 0.01 | Lateral |
| SWR_LTR_10174 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_10175 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_10176 | Polyvinyl Chloride | 6 | 7.10 | 0.01 | Lateral |
| SWR_LTR_10188 | Polyvinyl Chloride | 6 | 17.32 | 0.02 | Lateral |
| SWR_LTR_10190 | Polyvinyl Chloride | 6 | 30.51 | 0.03 | Lateral |
| SWR_LTR_10191 | Polyvinyl Chloride | 6 | 25.48 | 0.03 | Lateral |
| SWR_LTR_10192 | Polyvinyl Chloride | 6 | 18.97 | 0.02 | Lateral |
| SWR_LTR_10420 | Polyvinyl Chloride | 6 | 23.83 | 0.03 | Lateral |
| SWR_LTR_10421 | Polyvinyl Chloride | 6 | 28.49 | 0.03 | Lateral |
| SWR_LTR_10422 | Polyvinyl Chloride | 6 | 23.94 | 0.03 | Lateral |
| SWR_LTR_10423 | Polyvinyl Chloride | 6 | 29.33 | 0.03 | Lateral |
| SWR_LTR_10424 | Polyvinyl Chloride | 6 | 30.27 | 0.03 | Lateral |
| SWR_LTR_10425 | Polyvinyl Chloride | 6 | 29.94 | 0.03 | Lateral |
| SWR_LTR_10426 | Polyvinyl Chloride | 6 | 30.09 | 0.03 | Lateral |
| SWR_LTR_10427 | Polyvinyl Chloride | 6 | 11.03 | 0.01 | Lateral |
| SWR_LTR_10428 | Polyvinyl Chloride | 6 | 15.05 | 0.02 | Lateral |
| SWR_LTR_10429 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_10430 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_10431 | Polyvinyl Chloride | 6 | 16.86 | 0.02 | Lateral |
| SWR_LTR_10432 | Polyvinyl Chloride | 6 | 17.00 | 0.02 | Lateral |
| SWR_LTR_10433 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_10434 | Polyvinyl Chloride | 6 | 29.05 | 0.03 | Lateral |
| SWR_LTR_10435 | Polyvinyl Chloride | 6 | 29.96 | 0.03 | Lateral |
| SWR_LTR_10436 | Polyvinyl Chloride | 6 | 20.60 | 0.02 | Lateral |
| SWR_LTR_10437 | Polyvinyl Chloride | 6 | 30.31 | 0.03 | Lateral |
| SWR_LTR_10438 | Polyvinyl Chloride | 6 | 24.63 | 0.03 | Lateral |
| SWR_LTR_10439 | Polyvinyl Chloride | 6 | 26.35 | 0.03 | Lateral |
| SWR_LTR_10440 | Polyvinyl Chloride | 6 | 54.07 | 0.06 | Lateral |
| SWR_LTR_10441 | Polyvinyl Chloride | 6 | 24.59 | 0.03 | Lateral |
| SWR_LTR_10442 | Polyvinyl Chloride | 6 | 54.59 | 0.06 | Lateral |
| SWR_LTR_10443 | Polyvinyl Chloride | 6 | 25.60 | 0.03 | Lateral |
| SWR_LTR_10444 | Polyvinyl Chloride | 6 | 19.63 | 0.02 | Lateral |
| SWR_LTR_10445 | Polyvinyl Chloride | 6 | 15.73 | 0.02 | Lateral |
| SWR_LTR_10446 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_10447 | Polyvinyl Chloride | 6 | 11.78 | 0.01 | Lateral |
| SWR_LTR_10448 | Polyvinyl Chloride | 6 | 9.88 | 0.01 | Lateral |
| SWR_LTR_10449 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_10450 | Polyvinyl Chloride | 6 | 16.31 | 0.02 | Lateral |
| SWR_LTR_10451 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_10452 | Polyvinyl Chloride | 6 | 20.66 | 0.02 | Lateral |
| SWR_LTR_10453 | Polyvinyl Chloride | 6 | 19.64 | 0.02 | Lateral |
| SWR_LTR_10454 | Polyvinyl Chloride | 6 | 52.21 | 0.06 | Lateral |
| SWR_LTR_10455 | Polyvinyl Chloride | 6 | 19.65 | 0.02 | Lateral |
| SWR_LTR_10456 | Polyvinyl Chloride | 6 | 53.08 | 0.06 | Lateral |
| SWR_LTR_10457 | Polyvinyl Chloride | 6 | 20.59 | 0.02 | Lateral |
| SWR_LTR_10458 | Polyvinyl Chloride | 6 | 53.60 | 0.06 | Lateral |
| SWR_LTR_10459 | Polyvinyl Chloride | 6 | 59.55 | 0.07 | Lateral |
| SWR_LTR_10460 | Polyvinyl Chloride | 6 | 53.57 | 0.06 | Lateral |
| SWR_LTR_10461 | Polyvinyl Chloride | 6 | 19.20 | 0.02 | Lateral |
| SWR_LTR_10462 | Polyvinyl Chloride | 6 | 52.23 | 0.06 | Lateral |
| SWR_LTR_10463 | Polyvinyl Chloride | 6 | 57.61 | 0.07 | Lateral |
| SWR_LTR_10464 | Polyvinyl Chloride | 6 | 19.62 | 0.02 | Lateral |
| SWR_LTR_10465 | Polyvinyl Chloride | 6 | 19.63 | 0.02 | Lateral |
| SWR_LTR_10466 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_10467 | Polyvinyl Chloride | 6 | 17.09 | 0.02 | Lateral |
| SWR_LTR_10468 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_10469 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10470 | Polyvinyl Chloride | 6 | 8.76 | 0.01 | Lateral |
| SWR_LTR_10496 | Polyvinyl Chloride | 6 | 45.99 | 0.05 | Lateral |
| SWR_LTR_11021 | Polyvinyl Chloride | 6 | 38.75 | 0.04 | Lateral |
| SWR_LTR_11022 | Polyvinyl Chloride | 6 | 38.27 | 0.04 | Lateral |
| SWR_LTR_11023 | Polyvinyl Chloride | 6 | 39.92 | 0.05 | Lateral |
| SWR_LTR_11024 | Polyvinyl Chloride | 6 | 40.37 | 0.05 | Lateral |
| SWR_LTR_11025 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_11026 | Polyvinyl Chloride | 6 | 39.63 | 0.05 | Lateral |
| SWR_LTR_11027 | Polyvinyl Chloride | 6 | 39.88 | 0.05 | Lateral |
| SWR_LTR_11028 | Polyvinyl Chloride | 6 | 39.98 | 0.05 | Lateral |
| SWR_LTR_11029 | Polyvinyl Chloride | 6 | 30.32 | 0.03 | Lateral |
| SWR_LTR_11030 | Polyvinyl Chloride | 6 | 25.11 | 0.03 | Lateral |
| SWR_LTR_11031 | Polyvinyl Chloride | 6 | 25.13 | 0.03 | Lateral |
| SWR_LTR_11032 | Polyvinyl Chloride | 6 | 25.30 | 0.03 | Lateral |
| SWR_LTR_11033 | Polyvinyl Chloride | 6 | 25.07 | 0.03 | Lateral |
| SWR_LTR_11034 | Polyvinyl Chloride | 6 | 27.39 | 0.03 | Lateral |
| SWR_LTR_11035 | Polyvinyl Chloride | 6 | 26.82 | 0.03 | Lateral |
| SWR_LTR_11036 | Polyvinyl Chloride | 6 | 26.06 | 0.03 | Lateral |
| SWR_LTR_11037 | Polyvinyl Chloride | 6 | 27.69 | 0.03 | Lateral |
| SWR_LTR_11038 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_11039 | Polyvinyl Chloride | 6 | 13.66 | 0.02 | Lateral |
| SWR_LTR_11040 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_11041 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_11042 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_11043 | Polyvinyl Chloride | 6 | 17.01 | 0.02 | Lateral |
| SWR_LTR_11044 | Polyvinyl Chloride | 6 | 19.01 | 0.02 | Lateral |
| SWR_LTR_11045 | Polyvinyl Chloride | 6 | 15.30 | 0.02 | Lateral |
| SWR_LTR_11046 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_11047 | Polyvinyl Chloride | 6 | 9.85 | 0.01 | Lateral |
| SWR_LTR_11048 | Polyvinyl Chloride | 6 | 16.13 | 0.02 | Lateral |
| SWR_LTR_11049 | Polyvinyl Chloride | 6 | 34.06 | 0.04 | Lateral |
| SWR_LTR_11050 | Polyvinyl Chloride | 6 | 24.63 | 0.03 | Lateral |
| SWR_LTR_11051 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_11052 | Polyvinyl Chloride | 6 | 23.45 | 0.03 | Lateral |
| SWR_LTR_11053 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_11054 | Polyvinyl Chloride | 6 | 19.73 | 0.02 | Lateral |
| SWR_LTR_11055 | Polyvinyl Chloride | 6 | 19.44 | 0.02 | Lateral |
| SWR_LTR_11056 | Polyvinyl Chloride | 6 | 19.32 | 0.02 | Lateral |
| SWR_LTR_11057 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_11058 | Polyvinyl Chloride | 6 | 29.32 | 0.03 | Lateral |
| SWR_LTR_11059 | Polyvinyl Chloride | 6 | 29.71 | 0.03 | Lateral |
| SWR_LTR_11060 | Polyvinyl Chloride | 6 | 29.85 | 0.03 | Lateral |
| SWR_LTR_11061 | Polyvinyl Chloride | 6 | 15.30 | 0.02 | Lateral |
| SWR_LTR_11062 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_11063 | Polyvinyl Chloride | 6 | 15.25 | 0.02 | Lateral |
| SWR_LTR_11064 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_11065 | Polyvinyl Chloride | 6 | 10.61 | 0.01 | Lateral |
| SWR_LTR_11066 | Polyvinyl Chloride | 6 | 11.07 | 0.01 | Lateral |
| SWR_LTR_11067 | Polyvinyl Chloride | 6 | 11.49 | 0.01 | Lateral |
| SWR_LTR_11068 | Polyvinyl Chloride | 6 | 16.03 | 0.02 | Lateral |
| SWR_LTR_11069 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_11070 | Polyvinyl Chloride | 6 | 10.09 | 0.01 | Lateral |
| SWR_LTR_11071 | Polyvinyl Chloride | 6 | 15.30 | 0.02 | Lateral |
| SWR_LTR_11072 | Polyvinyl Chloride | 6 | 11.80 | 0.01 | Lateral |
| SWR_LTR_11460 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_11461 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11462 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11463 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_11464 | Polyvinyl Chloride | 6 | 10.13 | 0.01 | Lateral |
| SWR_LTR_11465 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11466 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_11467 | Polyvinyl Chloride | 6 | 15.26 | 0.02 | Lateral |
| SWR_LTR_11468 | Polyvinyl Chloride | 6 | 10.16 | 0.01 | Lateral |
| SWR_LTR_11469 | Polyvinyl Chloride | 6 | 13.11 | 0.01 | Lateral |
| SWR_LTR_11470 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_11471 | Polyvinyl Chloride | 6 | 19.25 | 0.02 | Lateral |
| SWR_LTR_11592 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11593 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_11594 | Polyvinyl Chloride | 6 | 10.71 | 0.01 | Lateral |
| SWR_LTR_11595 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_11596 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_11597 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_11598 | Polyvinyl Chloride | 6 | 14.96 | 0.02 | Lateral |
| SWR_LTR_11599 | Polyvinyl Chloride | 6 | 15.91 | 0.02 | Lateral |
| SWR_LTR_11600 | Polyvinyl Chloride | 6 | 14.96 | 0.02 | Lateral |
| SWR_LTR_11601 | Polyvinyl Chloride | 6 | 14.95 | 0.02 | Lateral |
| SWR_LTR_11602 | Polyvinyl Chloride | 6 | 24.00 | 0.03 | Lateral |
| SWR_LTR_11603 | Polyvinyl Chloride | 6 | 25.13 | 0.03 | Lateral |
| SWR_LTR_11604 | Polyvinyl Chloride | 6 | 25.46 | 0.03 | Lateral |
| SWR_LTR_11605 | Polyvinyl Chloride | 6 | 29.87 | 0.03 | Lateral |
| SWR_LTR_11796 | Polyvinyl Chloride | 6 | 25.41 | 0.03 | Lateral |
| SWR_LTR_11797 | Polyvinyl Chloride | 6 | 25.01 | 0.03 | Lateral |
| SWR_LTR_11798 | Polyvinyl Chloride | 6 | 35.80 | 0.04 | Lateral |
| SWR_LTR_11799 | Polyvinyl Chloride | 6 | 25.00 | 0.03 | Lateral |
| SWR_LTR_11800 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_11801 | Polyvinyl Chloride | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_11802 | Polyvinyl Chloride | 6 | 4.86 | 0.01 | Lateral |
| SWR_LTR_11803 | Polyvinyl Chloride | 6 | 5.02 | 0.01 | Lateral |
| SWR_LTR_11804 | Polyvinyl Chloride | 6 | 4.47 | 0.01 | Lateral |
| SWR_LTR_11805 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_11806 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_11807 | Polyvinyl Chloride | 6 | 9.07 | 0.01 | Lateral |
| SWR_LTR_11808 | Polyvinyl Chloride | 6 | 8.42 | 0.01 | Lateral |
| SWR_LTR_11809 | Polyvinyl Chloride | 6 | 20.95 | 0.02 | Lateral |
| SWR_LTR_11810 | Polyvinyl Chloride | 6 | 21.58 | 0.02 | Lateral |
| SWR_LTR_11811 | Polyvinyl Chloride | 6 | 22.34 | 0.03 | Lateral |
| SWR_LTR_11812 | Polyvinyl Chloride | 6 | 23.08 | 0.03 | Lateral |
| SWR_LTR_11813 | Polyvinyl Chloride | 6 | 23.16 | 0.03 | Lateral |
| SWR_LTR_11814 | Polyvinyl Chloride | 6 | 53.87 | 0.06 | Lateral |
| SWR_LTR_11815 | Polyvinyl Chloride | 6 | 20.49 | 0.02 | Lateral |
| SWR_LTR_11816 | Polyvinyl Chloride | 6 | 16.81 | 0.02 | Lateral |
| SWR_LTR_11817 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_11818 | Polyvinyl Chloride | 6 | 17.72 | 0.02 | Lateral |
| SWR_LTR_11819 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_11820 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_11821 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_11999 | Polyvinyl Chloride | 6 | 8.72 | 0.01 | Lateral |
| SWR_LTR_12000 | Polyvinyl Chloride | 6 | 8.60 | 0.01 | Lateral |
| SWR_LTR_12001 | Polyvinyl Chloride | 6 | 8.54 | 0.01 | Lateral |
| SWR_LTR_12002 | Polyvinyl Chloride | 6 | 8.92 | 0.01 | Lateral |
| SWR_LTR_12003 | Polyvinyl Chloride | 6 | 9.04 | 0.01 | Lateral |
| SWR_LTR_12004 | Polyvinyl Chloride | 6 | 23.51 | 0.03 | Lateral |
| SWR_LTR_12005 | Polyvinyl Chloride | 6 | 28.95 | 0.03 | Lateral |
| SWR_LTR_12006 | Polyvinyl Chloride | 6 | 29.54 | 0.03 | Lateral |
| SWR_LTR_12007 | Polyvinyl Chloride | 6 | 25.71 | 0.03 | Lateral |
| SWR_LTR_12008 | Polyvinyl Chloride | 6 | 13.64 | 0.02 | Lateral |
| SWR_LTR_12009 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_12010 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_12011 | Polyvinyl Chloride | 6 | 13.64 | 0.02 | Lateral |
| SWR_LTR_12012 | Polyvinyl Chloride | 6 | 13.60 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12013 | Polyvinyl Chloride | 6 | 15.52 | 0.02 | Lateral |
| SWR_LTR_12014 | Polyvinyl Chloride | 6 | 11.62 | 0.01 | Lateral |
| SWR_LTR_12015 | Polyvinyl Chloride | 6 | 22.98 | 0.03 | Lateral |
| SWR_LTR_12016 | Polyvinyl Chloride | 6 | 13.79 | 0.02 | Lateral |
| SWR_LTR_12017 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_12018 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_12019 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_12020 | Polyvinyl Chloride | 6 | 14.96 | 0.02 | Lateral |
| SWR_LTR_12021 | Polyvinyl Chloride | 6 | 10.47 | 0.01 | Lateral |
| SWR_LTR_12022 | Polyvinyl Chloride | 6 | 14.90 | 0.02 | Lateral |
| SWR_LTR_12023 | Polyvinyl Chloride | 6 | 10.50 | 0.01 | Lateral |
| SWR_LTR_12024 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12184 | Polyvinyl Chloride | 6 | 7.59 | 0.01 | Lateral |
| SWR_LTR_12185 | Polyvinyl Chloride | 6 | 6.92 | 0.01 | Lateral |
| SWR_LTR_12186 | Polyvinyl Chloride | 6 | 17.96 | 0.02 | Lateral |
| SWR_LTR_12187 | Polyvinyl Chloride | 6 | 18.03 | 0.02 | Lateral |
| SWR_LTR_12188 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_12189 | Polyvinyl Chloride | 6 | 29.04 | 0.03 | Lateral |
| SWR_LTR_12190 | Polyvinyl Chloride | 6 | 18.41 | 0.02 | Lateral |
| SWR_LTR_12191 | Polyvinyl Chloride | 6 | 18.51 | 0.02 | Lateral |
| SWR_LTR_12192 | Polyvinyl Chloride | 6 | 7.02 | 0.01 | Lateral |
| SWR_LTR_12193 | Polyvinyl Chloride | 6 | 7.13 | 0.01 | Lateral |
| SWR_LTR_12194 | Polyvinyl Chloride | 6 | 7.27 | 0.01 | Lateral |
| SWR_LTR_12195 | Polyvinyl Chloride | 6 | 7.38 | 0.01 | Lateral |
| SWR_LTR_12196 | Polyvinyl Chloride | 6 | 7.47 | 0.01 | Lateral |
| SWR_LTR_12197 | Polyvinyl Chloride | 6 | 17.71 | 0.02 | Lateral |
| SWR_LTR_12198 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_12199 | Polyvinyl Chloride | 6 | 14.91 | 0.02 | Lateral |
| SWR_LTR_12200 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_12201 | Polyvinyl Chloride | 6 | 22.74 | 0.03 | Lateral |
| SWR_LTR_12202 | Polyvinyl Chloride | 6 | 16.64 | 0.02 | Lateral |
| SWR_LTR_12203 | Polyvinyl Chloride | 6 | 34.68 | 0.04 | Lateral |
| SWR_LTR_12204 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_12205 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_12206 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_12207 | Polyvinyl Chloride | 6 | 24.71 | 0.03 | Lateral |
| SWR_LTR_12208 | Polyvinyl Chloride | 6 | 24.72 | 0.03 | Lateral |
| SWR_LTR_12209 | Polyvinyl Chloride | 6 | 24.72 | 0.03 | Lateral |
| SWR_LTR_12210 | Polyvinyl Chloride | 6 | 24.70 | 0.03 | Lateral |
| SWR_LTR_12211 | Polyvinyl Chloride | 6 | 24.71 | 0.03 | Lateral |
| SWR_LTR_12212 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_12213 | Polyvinyl Chloride | 6 | 28.45 | 0.03 | Lateral |
| SWR_LTR_12214 | Polyvinyl Chloride | 6 | 18.46 | 0.02 | Lateral |
| SWR_LTR_12215 | Polyvinyl Chloride | 6 | 18.27 | 0.02 | Lateral |
| SWR_LTR_12216 | Polyvinyl Chloride | 6 | 18.68 | 0.02 | Lateral |
| SWR_LTR_12217 | Polyvinyl Chloride | 6 | 18.55 | 0.02 | Lateral |
| SWR_LTR_12218 | Polyvinyl Chloride | 6 | 19.18 | 0.02 | Lateral |
| SWR_LTR_12219 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_12220 | Polyvinyl Chloride | 6 | 25.17 | 0.03 | Lateral |
| SWR_LTR_12221 | Polyvinyl Chloride | 6 | 23.16 | 0.03 | Lateral |
| SWR_LTR_12222 | Polyvinyl Chloride | 6 | 25.07 | 0.03 | Lateral |
| SWR_LTR_12262 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_12346 | Polyvinyl Chloride | 6 | 19.26 | 0.02 | Lateral |
| SWR_LTR_12347 | Polyvinyl Chloride | 6 | 19.57 | 0.02 | Lateral |
| SWR_LTR_12348 | Polyvinyl Chloride | 6 | 28.16 | 0.03 | Lateral |
| SWR_LTR_12349 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_12350 | Polyvinyl Chloride | 6 | 23.05 | 0.03 | Lateral |
| SWR_LTR_12351 | Polyvinyl Chloride | 6 | 23.53 | 0.03 | Lateral |
| SWR_LTR_12352 | Polyvinyl Chloride | 6 | 23.10 | 0.03 | Lateral |
| SWR_LTR_12353 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12354 | Polyvinyl Chloride | 6 | 36.55 | 0.04 | Lateral |
| SWR_LTR_12355 | Polyvinyl Chloride | 6 | 3.82 | 0.004 | Lateral |
| SWR_LTR_12356 | Polyvinyl Chloride | 6 | 3.67 | 0.004 | Lateral |
| SWR_LTR_12357 | Polyvinyl Chloride | 6 | 3.47 | 0.004 | Lateral |
| SWR_LTR_12387 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_12388 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_12389 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_12390 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_12396 | Polyvinyl Chloride | 6 | 18.05 | 0.02 | Lateral |
| SWR_LTR_12397 | Polyvinyl Chloride | 6 | 19.32 | 0.02 | Lateral |
| SWR_LTR_12398 | Polyvinyl Chloride | 6 | 17.83 | 0.02 | Lateral |
| SWR_LTR_12399 | Polyvinyl Chloride | 6 | 19.27 | 0.02 | Lateral |
| SWR_LTR_12400 | Polyvinyl Chloride | 8 | 9.99 | 0.02 | Lateral |
| SWR_LTR_12401 | Polyvinyl Chloride | 6 | 16.95 | 0.02 | Lateral |
| SWR_LTR_12402 | Polyvinyl Chloride | 6 | 35.55 | 0.04 | Lateral |
| SWR_LTR_12403 | Polyvinyl Chloride | 6 | 35.27 | 0.04 | Lateral |
| SWR_LTR_12404 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_12405 | Polyvinyl Chloride | 6 | 35.90 | 0.04 | Lateral |
| SWR_LTR_12406 | Polyvinyl Chloride | 6 | 35.92 | 0.04 | Lateral |
| SWR_LTR_12407 | Polyvinyl Chloride | 6 | 35.10 | 0.04 | Lateral |
| SWR_LTR_12408 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_12409 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_12410 | Polyvinyl Chloride | 6 | 40.03 | 0.05 | Lateral |
| SWR_LTR_12411 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_12412 | Polyvinyl Chloride | 6 | 40.00 | 0.05 | Lateral |
| SWR_LTR_12413 | Polyvinyl Chloride | 6 | 40.00 | 0.05 | Lateral |
| SWR_LTR_12414 | Polyvinyl Chloride | 6 | 40.02 | 0.05 | Lateral |
| SWR_LTR_12415 | Polyvinyl Chloride | 6 | 40.03 | 0.05 | Lateral |
| SWR_LTR_12416 | Polyvinyl Chloride | 6 | 40.03 | 0.05 | Lateral |
| SWR_LTR_12417 | Polyvinyl Chloride | 6 | 41.83 | 0.05 | Lateral |
| SWR_LTR_12418 | Polyvinyl Chloride | 6 | 34.91 | 0.04 | Lateral |
| SWR_LTR_12419 | Polyvinyl Chloride | 6 | 34.94 | 0.04 | Lateral |
| SWR_LTR_12420 | Polyvinyl Chloride | 6 | 34.96 | 0.04 | Lateral |
| SWR_LTR_12441 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12442 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_12443 | Polyvinyl Chloride | 6 | 13.06 | 0.01 | Lateral |
| SWR_LTR_12444 | Polyvinyl Chloride | 6 | 13.32 | 0.02 | Lateral |
| SWR_LTR_12445 | Polyvinyl Chloride | 6 | 13.86 | 0.02 | Lateral |
| SWR_LTR_12446 | Polyvinyl Chloride | 6 | 12.62 | 0.01 | Lateral |
| SWR_LTR_12447 | Polyvinyl Chloride | 6 | 15.02 | 0.02 | Lateral |
| SWR_LTR_12448 | Polyvinyl Chloride | 6 | 17.61 | 0.02 | Lateral |
| SWR_LTR_12449 | Polyvinyl Chloride | 6 | 14.02 | 0.02 | Lateral |
| SWR_LTR_12450 | Polyvinyl Chloride | 6 | 16.72 | 0.02 | Lateral |
| SWR_LTR_12451 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12452 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12453 | Polyvinyl Chloride | 6 | 13.13 | 0.01 | Lateral |
| SWR_LTR_12454 | Polyvinyl Chloride | 6 | 13.03 | 0.01 | Lateral |
| SWR_LTR_12455 | Polyvinyl Chloride | 6 | 21.02 | 0.02 | Lateral |
| SWR_LTR_12456 | Polyvinyl Chloride | 6 | 31.07 | 0.04 | Lateral |
| SWR_LTR_12457 | Polyvinyl Chloride | 6 | 10.71 | 0.01 | Lateral |
| SWR_LTR_12458 | Polyvinyl Chloride | 6 | 17.69 | 0.02 | Lateral |
| SWR_LTR_12459 | Polyvinyl Chloride | 6 | 17.93 | 0.02 | Lateral |
| SWR_LTR_12460 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_12461 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_12462 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_12463 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_12464 | Polyvinyl Chloride | 6 | 8.53 | 0.01 | Lateral |
| SWR_LTR_12465 | Polyvinyl Chloride | 6 | 13.97 | 0.02 | Lateral |
| SWR_LTR_12466 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_12467 | Polyvinyl Chloride | 6 | 15.69 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12468 | Polyvinyl Chloride | 6 | 9.61 | 0.01 | Lateral |
| SWR_LTR_12469 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_12470 | Polyvinyl Chloride | 6 | 15.94 | 0.02 | Lateral |
| SWR_LTR_12471 | Polyvinyl Chloride | 6 | 9.72 | 0.01 | Lateral |
| SWR_LTR_12472 | Polyvinyl Chloride | 8 | 14.97 | 0.02 | Lateral |
| SWR_LTR_12473 | Polyvinyl Chloride | 6 | 15.27 | 0.02 | Lateral |
| SWR_LTR_12474 | Polyvinyl Chloride | 6 | 34.96 | 0.04 | Lateral |
| SWR_LTR_12475 | Polyvinyl Chloride | 6 | 34.93 | 0.04 | Lateral |
| SWR_LTR_12476 | Polyvinyl Chloride | 6 | 34.95 | 0.04 | Lateral |
| SWR_LTR_12477 | Polyvinyl Chloride | 6 | 34.94 | 0.04 | Lateral |
| SWR_LTR_12478 | Polyvinyl Chloride | 6 | 39.92 | 0.05 | Lateral |
| SWR_LTR_12479 | Polyvinyl Chloride | 6 | 22.98 | 0.03 | Lateral |
| SWR_LTR_12480 | Polyvinyl Chloride | 6 | 13.05 | 0.01 | Lateral |
| SWR_LTR_12481 | Polyvinyl Chloride | 6 | 13.07 | 0.01 | Lateral |
| SWR_LTR_12482 | Polyvinyl Chloride | 6 | 15.66 | 0.02 | Lateral |
| SWR_LTR_12483 | Polyvinyl Chloride | 6 | 16.25 | 0.02 | Lateral |
| SWR_LTR_12484 | Polyvinyl Chloride | 6 | 13.28 | 0.02 | Lateral |
| SWR_LTR_12485 | Polyvinyl Chloride | 6 | 13.04 | 0.01 | Lateral |
| SWR_LTR_12486 | Polyvinyl Chloride | 6 | 17.02 | 0.02 | Lateral |
| SWR_LTR_12487 | Polyvinyl Chloride | 6 | 35.09 | 0.04 | Lateral |
| SWR_LTR_12488 | Polyvinyl Chloride | 6 | 68.12 | 0.08 | Lateral |
| SWR_LTR_12489 | Polyvinyl Chloride | 6 | 37.05 | 0.04 | Lateral |
| SWR_LTR_12490 | Polyvinyl Chloride | 6 | 69.55 | 0.08 | Lateral |
| SWR_LTR_12491 | Polyvinyl Chloride | 6 | 43.08 | 0.05 | Lateral |
| SWR_LTR_12492 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_12493 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_12494 | Polyvinyl Chloride | 6 | 10.38 | 0.01 | Lateral |
| SWR_LTR_12495 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12496 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12497 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_12498 | Polyvinyl Chloride | 6 | 14.99 | 0.02 | Lateral |
| SWR_LTR_12499 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_12500 | Polyvinyl Chloride | 6 | 15.14 | 0.02 | Lateral |
| SWR_LTR_12501 | Polyvinyl Chloride | 6 | 13.87 | 0.02 | Lateral |
| SWR_LTR_12502 | Polyvinyl Chloride | 6 | 18.01 | 0.02 | Lateral |
| SWR_LTR_12503 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_12504 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_12505 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12506 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12507 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12508 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12509 | Polyvinyl Chloride | 6 | 24.51 | 0.03 | Lateral |
| SWR_LTR_12510 | Polyvinyl Chloride | 6 | 33.40 | 0.04 | Lateral |
| SWR_LTR_12511 | Polyvinyl Chloride | 6 | 33.83 | 0.04 | Lateral |
| SWR_LTR_12512 | Polyvinyl Chloride | 6 | 34.38 | 0.04 | Lateral |
| SWR_LTR_12513 | Polyvinyl Chloride | 6 | 24.69 | 0.03 | Lateral |
| SWR_LTR_12514 | Polyvinyl Chloride | 6 | 4.84 | 0.01 | Lateral |
| SWR_LTR_12515 | Polyvinyl Chloride | 6 | 33.53 | 0.04 | Lateral |
| SWR_LTR_12516 | Polyvinyl Chloride | 6 | 10.44 | 0.01 | Lateral |
| SWR_LTR_12517 | Polyvinyl Chloride | 6 | 10.50 | 0.01 | Lateral |
| SWR_LTR_12518 | Polyvinyl Chloride | 6 | 12.70 | 0.01 | Lateral |
| SWR_LTR_12519 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_12520 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12521 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12522 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12523 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12524 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12525 | Polyvinyl Chloride | 6 | 13.90 | 0.02 | Lateral |
| SWR_LTR_12526 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_12527 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12528 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |
| SWR_LTR_12529 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_12530 | Polyvinyl Chloride | 6 | 15.32 | 0.02 | Lateral |
| SWR_LTR_12531 | Polyvinyl Chloride | 6 | 15.32 | 0.02 | Lateral |
| SWR_LTR_12532 | Polyvinyl Chloride | 6 | 18.66 | 0.02 | Lateral |
| SWR_LTR_12533 | Polyvinyl Chloride | 6 | 18.68 | 0.02 | Lateral |
| SWR_LTR_12534 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12535 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12536 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_12537 | Polyvinyl Chloride | 6 | 10.08 | 0.01 | Lateral |
| SWR_LTR_12538 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_12539 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12540 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_12541 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_12542 | Polyvinyl Chloride | 6 | 10.16 | 0.01 | Lateral |
| SWR_LTR_12543 | Polyvinyl Chloride | 6 | 13.93 | 0.02 | Lateral |
| SWR_LTR_12544 | Polyvinyl Chloride | 6 | 2.28 | 0.003 | Lateral |
| SWR_LTR_12545 | Polyvinyl Chloride | 6 | 2.34 | 0.003 | Lateral |
| SWR_LTR_12546 | Polyvinyl Chloride | 6 | 32.42 | 0.04 | Lateral |
| SWR_LTR_12547 | Polyvinyl Chloride | 6 | 33.17 | 0.04 | Lateral |
| SWR_LTR_12548 | Polyvinyl Chloride | 6 | 32.79 | 0.04 | Lateral |
| SWR_LTR_12549 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_12550 | Polyvinyl Chloride | 6 | 19.38 | 0.02 | Lateral |
| SWR_LTR_12551 | Polyvinyl Chloride | 6 | 18.61 | 0.02 | Lateral |
| SWR_LTR_12552 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_12553 | Polyvinyl Chloride | 6 | 14.93 | 0.02 | Lateral |
| SWR_LTR_12554 | Polyvinyl Chloride | 6 | 9.66 | 0.01 | Lateral |
| SWR_LTR_12555 | Polyvinyl Chloride | 6 | 15.79 | 0.02 | Lateral |
| SWR_LTR_12556 | Polyvinyl Chloride | 6 | 10.11 | 0.01 | Lateral |
| SWR_LTR_12557 | Polyvinyl Chloride | 6 | 15.26 | 0.02 | Lateral |
| SWR_LTR_12558 | Polyvinyl Chloride | 6 | 9.71 | 0.01 | Lateral |
| SWR_LTR_12559 | Polyvinyl Chloride | 8 | 9.39 | 0.01 | Lateral |
| SWR_LTR_12560 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_12561 | Polyvinyl Chloride | 6 | 9.95 | 0.01 | Lateral |
| SWR_LTR_12562 | Polyvinyl Chloride | 4 | 8.44 | 0.01 | Lateral |
| SWR_LTR_12573 | Polyvinyl Chloride | 6 | 25.15 | 0.03 | Lateral |
| SWR_LTR_12574 | Polyvinyl Chloride | 6 | 35.12 | 0.04 | Lateral |
| SWR_LTR_12575 | Polyvinyl Chloride | 6 | 4.38 | 0.005 | Lateral |
| SWR_LTR_12576 | Polyvinyl Chloride | 6 | 18.77 | 0.02 | Lateral |
| SWR_LTR_12577 | Polyvinyl Chloride | 6 | 10.16 | 0.01 | Lateral |
| SWR_LTR_12578 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_12579 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |
| SWR_LTR_12580 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_12581 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12582 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12583 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12584 | Polyvinyl Chloride | 6 | 10.43 | 0.01 | Lateral |
| SWR_LTR_12585 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12586 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_12587 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_12588 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_12589 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_12590 | Polyvinyl Chloride | 6 | 15.26 | 0.02 | Lateral |
| SWR_LTR_12591 | Polyvinyl Chloride | 6 | 15.50 | 0.02 | Lateral |
| SWR_LTR_12592 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12593 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12594 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_12595 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_12596 | Polyvinyl Chloride | 6 | 10.28 | 0.01 | Lateral |
| SWR_LTR_12597 | Polyvinyl Chloride | 6 | 10.34 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12598 | Polyvinyl Chloride | 6 | 15.08 | 0.02 | Lateral |
| SWR_LTR_12599 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12600 | Polyvinyl Chloride | 6 | 16.28 | 0.02 | Lateral |
| SWR_LTR_12601 | Polyvinyl Chloride | 6 | 16.38 | 0.02 | Lateral |
| SWR_LTR_12602 | Polyvinyl Chloride | 6 | 16.45 | 0.02 | Lateral |
| SWR_LTR_12603 | Polyvinyl Chloride | 6 | 16.61 | 0.02 | Lateral |
| SWR_LTR_12604 | Polyvinyl Chloride | 6 | 16.69 | 0.02 | Lateral |
| SWR_LTR_12605 | Polyvinyl Chloride | 6 | 16.85 | 0.02 | Lateral |
| SWR_LTR_12606 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12607 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12608 | Polyvinyl Chloride | 6 | 15.05 | 0.02 | Lateral |
| SWR_LTR_12609 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12610 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_12611 | Polyvinyl Chloride | 6 | 15.10 | 0.02 | Lateral |
| SWR_LTR_12612 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12613 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_12614 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12615 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12616 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12617 | Polyvinyl Chloride | 6 | 14.66 | 0.02 | Lateral |
| SWR_LTR_12618 | Polyvinyl Chloride | 6 | 10.70 | 0.01 | Lateral |
| SWR_LTR_12619 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12620 | Polyvinyl Chloride | 6 | 14.14 | 0.02 | Lateral |
| SWR_LTR_12621 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12622 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12623 | Polyvinyl Chloride | 6 | 10.31 | 0.01 | Lateral |
| SWR_LTR_12624 | Polyvinyl Chloride | 6 | 87.03 | 0.10 | Lateral |
| SWR_LTR_12625 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12626 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12627 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12628 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_12629 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_12630 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_12631 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12632 | Polyvinyl Chloride | 6 | 11.91 | 0.01 | Lateral |
| SWR_LTR_12633 | Polyvinyl Chloride | 6 | 12.32 | 0.01 | Lateral |
| SWR_LTR_12634 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_12635 | Polyvinyl Chloride | 6 | 18.51 | 0.02 | Lateral |
| SWR_LTR_12636 | Polyvinyl Chloride | 6 | 7.18 | 0.01 | Lateral |
| SWR_LTR_12637 | Polyvinyl Chloride | 6 | 7.11 | 0.01 | Lateral |
| SWR_LTR_12638 | Polyvinyl Chloride | 6 | 7.18 | 0.01 | Lateral |
| SWR_LTR_12639 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_12640 | Polyvinyl Chloride | 6 | 7.32 | 0.01 | Lateral |
| SWR_LTR_12641 | Polyvinyl Chloride | 6 | 7.49 | 0.01 | Lateral |
| SWR_LTR_12642 | Polyvinyl Chloride | 6 | 18.53 | 0.02 | Lateral |
| SWR_LTR_12643 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_12644 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12645 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12646 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_12647 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_12648 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12649 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12650 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12651 | Polyvinyl Chloride | 6 | 10.28 | 0.01 | Lateral |
| SWR_LTR_12652 | Polyvinyl Chloride | 6 | 15.14 | 0.02 | Lateral |
| SWR_LTR_12653 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_12654 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |
| SWR_LTR_12655 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_12656 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12657 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12658 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_12659 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_12660 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12661 | Polyvinyl Chloride | 6 | 17.57 | 0.02 | Lateral |
| SWR_LTR_12662 | Polyvinyl Chloride | 6 | 31.85 | 0.04 | Lateral |
| SWR_LTR_12663 | Polyvinyl Chloride | 6 | 22.12 | 0.03 | Lateral |
| SWR_LTR_12664 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_12665 | Polyvinyl Chloride | 6 | 12.07 | 0.01 | Lateral |
| SWR_LTR_12666 | Polyvinyl Chloride | 8 | 35.45 | 0.05 | Lateral |
| SWR_LTR_12667 | Polyvinyl Chloride | 6 | 3.19 | 0.004 | Lateral |
| SWR_LTR_12668 | Polyvinyl Chloride | 6 | 2.47 | 0.003 | Lateral |
| SWR_LTR_12669 | Polyvinyl Chloride | 6 | 2.15 | 0.002 | Lateral |
| SWR_LTR_12670 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_12719 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_12720 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_12721 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12722 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_12723 | Polyvinyl Chloride | 6 | 19.13 | 0.02 | Lateral |
| SWR_LTR_12724 | Polyvinyl Chloride | 6 | 19.76 | 0.02 | Lateral |
| SWR_LTR_12725 | Polyvinyl Chloride | 6 | 15.87 | 0.02 | Lateral |
| SWR_LTR_12726 | Polyvinyl Chloride | 6 | 16.25 | 0.02 | Lateral |
| SWR_LTR_12727 | Polyvinyl Chloride | 6 | 17.47 | 0.02 | Lateral |
| SWR_LTR_12728 | Polyvinyl Chloride | 6 | 15.92 | 0.02 | Lateral |
| SWR_LTR_12729 | Polyvinyl Chloride | 6 | 9.30 | 0.01 | Lateral |
| SWR_LTR_12730 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_12731 | Polyvinyl Chloride | 6 | 9.42 | 0.01 | Lateral |
| SWR_LTR_12732 | Polyvinyl Chloride | 6 | 15.96 | 0.02 | Lateral |
| SWR_LTR_12733 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_12734 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_12735 | Polyvinyl Chloride | 6 | 10.96 | 0.01 | Lateral |
| SWR_LTR_12736 | Polyvinyl Chloride | 6 | 11.33 | 0.01 | Lateral |
| SWR_LTR_12737 | Polyvinyl Chloride | 6 | 12.84 | 0.01 | Lateral |
| SWR_LTR_12738 | Polyvinyl Chloride | 6 | 11.51 | 0.01 | Lateral |
| SWR_LTR_12739 | Polyvinyl Chloride | 6 | 15.10 | 0.02 | Lateral |
| SWR_LTR_12740 | Polyvinyl Chloride | 6 | 11.84 | 0.01 | Lateral |
| SWR_LTR_12741 | Polyvinyl Chloride | 6 | 15.26 | 0.02 | Lateral |
| SWR_LTR_12742 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_12743 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_12744 | Polyvinyl Chloride | 6 | 9.75 | 0.01 | Lateral |
| SWR_LTR_12745 | Polyvinyl Chloride | 6 | 12.14 | 0.01 | Lateral |
| SWR_LTR_12746 | Polyvinyl Chloride | 6 | 8.32 | 0.01 | Lateral |
| SWR_LTR_12747 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_12748 | Polyvinyl Chloride | 6 | 17.15 | 0.02 | Lateral |
| SWR_LTR_12749 | Polyvinyl Chloride | 6 | 17.15 | 0.02 | Lateral |
| SWR_LTR_12753 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_12754 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_12755 | Polyvinyl Chloride | 6 | 16.55 | 0.02 | Lateral |
| SWR_LTR_12756 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12757 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_12758 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_12759 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_12760 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_12761 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_12762 | Polyvinyl Chloride | 6 | 11.51 | 0.01 | Lateral |
| SWR_LTR_12763 | Polyvinyl Chloride | 6 | 11.45 | 0.01 | Lateral |
| SWR_LTR_12764 | Polyvinyl Chloride | 6 | 12.09 | 0.01 | Lateral |
| SWR_LTR_12765 | Polyvinyl Chloride | 6 | 12.75 | 0.01 | Lateral |
| SWR_LTR_12766 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12767 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12768 | Polyvinyl Chloride | 6 | 13.17 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12769 | Polyvinyl Chloride | 6 | 11.03 | 0.01 | Lateral |
| SWR_LTR_12770 | Polyvinyl Chloride | 6 | 11.57 | 0.01 | Lateral |
| SWR_LTR_12771 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12772 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_12773 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_12774 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12775 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_12776 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12777 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12778 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_12779 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12780 | Polyvinyl Chloride | 6 | 9.86 | 0.01 | Lateral |
| SWR_LTR_12781 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_12782 | Polyvinyl Chloride | 6 | 5.62 | 0.01 | Lateral |
| SWR_LTR_12783 | Polyvinyl Chloride | 6 | 6.57 | 0.01 | Lateral |
| SWR_LTR_12784 | Polyvinyl Chloride | 6 | 7.09 | 0.01 | Lateral |
| SWR_LTR_12785 | Polyvinyl Chloride | 6 | 6.60 | 0.01 | Lateral |
| SWR_LTR_12786 | Polyvinyl Chloride | 6 | 6.53 | 0.01 | Lateral |
| SWR_LTR_12787 | Polyvinyl Chloride | 6 | 7.54 | 0.01 | Lateral |
| SWR_LTR_12788 | Polyvinyl Chloride | 6 | 4.82 | 0.01 | Lateral |
| SWR_LTR_12789 | Polyvinyl Chloride | 6 | 7.05 | 0.01 | Lateral |
| SWR_LTR_12790 | Polyvinyl Chloride | 6 | 6.56 | 0.01 | Lateral |
| SWR_LTR_12791 | Polyvinyl Chloride | 6 | 7.01 | 0.01 | Lateral |
| SWR_LTR_12792 | Polyvinyl Chloride | 6 | 5.62 | 0.01 | Lateral |
| SWR_LTR_12793 | Polyvinyl Chloride | 6 | 3.93 | 0.004 | Lateral |
| SWR_LTR_12794 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_12795 | Polyvinyl Chloride | 6 | 7.54 | 0.01 | Lateral |
| SWR_LTR_12796 | Polyvinyl Chloride | 6 | 7.55 | 0.01 | Lateral |
| SWR_LTR_12797 | Polyvinyl Chloride | 6 | 32.15 | 0.04 | Lateral |
| SWR_LTR_12798 | Polyvinyl Chloride | 6 | 25.53 | 0.03 | Lateral |
| SWR_LTR_12799 | Polyvinyl Chloride | 6 | 25.24 | 0.03 | Lateral |
| SWR_LTR_12800 | Polyvinyl Chloride | 6 | 23.13 | 0.03 | Lateral |
| SWR_LTR_12801 | Polyvinyl Chloride | 6 | 8.64 | 0.01 | Lateral |
| SWR_LTR_12802 | Polyvinyl Chloride | 6 | 12.51 | 0.01 | Lateral |
| SWR_LTR_12803 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_12804 | Polyvinyl Chloride | 6 | 15.51 | 0.02 | Lateral |
| SWR_LTR_12805 | Polyvinyl Chloride | 6 | 8.66 | 0.01 | Lateral |
| SWR_LTR_12806 | Polyvinyl Chloride | 6 | 8.30 | 0.01 | Lateral |
| SWR_LTR_12807 | Polyvinyl Chloride | 6 | 16.09 | 0.02 | Lateral |
| SWR_LTR_12808 | Polyvinyl Chloride | 6 | 18.31 | 0.02 | Lateral |
| SWR_LTR_12809 | Polyvinyl Chloride | 6 | 14.54 | 0.02 | Lateral |
| SWR_LTR_12810 | Polyvinyl Chloride | 6 | 13.79 | 0.02 | Lateral |
| SWR_LTR_12811 | Polyvinyl Chloride | 6 | 15.67 | 0.02 | Lateral |
| SWR_LTR_12812 | Polyvinyl Chloride | 6 | 15.05 | 0.02 | Lateral |
| SWR_LTR_12813 | Polyvinyl Chloride | 6 | 15.44 | 0.02 | Lateral |
| SWR_LTR_12814 | Polyvinyl Chloride | 6 | 10.08 | 0.01 | Lateral |
| SWR_LTR_12815 | Polyvinyl Chloride | 6 | 32.73 | 0.04 | Lateral |
| SWR_LTR_12816 | Polyvinyl Chloride | 6 | 32.43 | 0.04 | Lateral |
| SWR_LTR_12817 | Polyvinyl Chloride | 6 | 32.32 | 0.04 | Lateral |
| SWR_LTR_12818 | Polyvinyl Chloride | 6 | 26.84 | 0.03 | Lateral |
| SWR_LTR_12819 | Polyvinyl Chloride | 6 | 26.80 | 0.03 | Lateral |
| SWR_LTR_12820 | Polyvinyl Chloride | 6 | 25.03 | 0.03 | Lateral |
| SWR_LTR_12821 | Polyvinyl Chloride | 6 | 25.52 | 0.03 | Lateral |
| SWR_LTR_12822 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_12823 | Polyvinyl Chloride | 6 | 19.51 | 0.02 | Lateral |
| SWR_LTR_12824 | Polyvinyl Chloride | 6 | 17.02 | 0.02 | Lateral |
| SWR_LTR_12825 | Polyvinyl Chloride | 6 | 16.29 | 0.02 | Lateral |
| SWR_LTR_12826 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12827 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12828 | Polyvinyl Chloride | 8 | 15.07 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12829 | Polyvinyl Chloride | 6 | 15.37 | 0.02 | Lateral |
| SWR_LTR_12830 | Polyvinyl Chloride | 6 | 14.84 | 0.02 | Lateral |
| SWR_LTR_12831 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_12832 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12833 | Polyvinyl Chloride | 6 | 15.31 | 0.02 | Lateral |
| SWR_LTR_12834 | Polyvinyl Chloride | 6 | 15.73 | 0.02 | Lateral |
| SWR_LTR_12835 | Polyvinyl Chloride | 6 | 14.67 | 0.02 | Lateral |
| SWR_LTR_12836 | Polyvinyl Chloride | 6 | 14.34 | 0.02 | Lateral |
| SWR_LTR_12837 | Terra Cotta | 4 | 16.06 | 0.01 | Lateral |
| SWR_LTR_12838 | Polyvinyl Chloride | 6 | 15.92 | 0.02 | Lateral |
| SWR_LTR_12839 | Polyvinyl Chloride | 6 | 15.78 | 0.02 | Lateral |
| SWR_LTR_12840 | Polyvinyl Chloride | 6 | 15.49 | 0.02 | Lateral |
| SWR_LTR_12841 | Polyvinyl Chloride | 6 | 15.42 | 0.02 | Lateral |
| SWR_LTR_12842 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_12843 | Polyvinyl Chloride | 8 | 14.57 | 0.02 | Lateral |
| SWR_LTR_12844 | Polyvinyl Chloride | 6 | 15.57 | 0.02 | Lateral |
| SWR_LTR_12845 | Polyvinyl Chloride | 6 | 11.34 | 0.01 | Lateral |
| SWR_LTR_12846 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_12847 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_12848 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |
| SWR_LTR_12849 | Polyvinyl Chloride | 6 | 10.14 | 0.01 | Lateral |
| SWR_LTR_12850 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_12851 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12852 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_12853 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |
| SWR_LTR_12854 | Polyvinyl Chloride | 6 | 10.08 | 0.01 | Lateral |
| SWR_LTR_12855 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_12856 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_12857 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_12858 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_12859 | Polyvinyl Chloride | 6 | 15.25 | 0.02 | Lateral |
| SWR_LTR_12860 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_12861 | Polyvinyl Chloride | 8 | 14.98 | 0.02 | Lateral |
| SWR_LTR_12862 | Polyvinyl Chloride | 6 | 15.06 | 0.02 | Lateral |
| SWR_LTR_12863 | Polyvinyl Chloride | 6 | 15.12 | 0.02 | Lateral |
| SWR_LTR_12864 | Polyvinyl Chloride | 6 | 10.35 | 0.01 | Lateral |
| SWR_LTR_12865 | Polyvinyl Chloride | 6 | 31.80 | 0.04 | Lateral |
| SWR_LTR_12866 | Polyvinyl Chloride | 6 | 25.83 | 0.03 | Lateral |
| SWR_LTR_12867 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_12868 | Polyvinyl Chloride | 6 | 15.61 | 0.02 | Lateral |
| SWR_LTR_12869 | Polyvinyl Chloride | 12 | 9.48 | 0.02 | Lateral |
| SWR_LTR_12870 | Polyvinyl Chloride | 6 | 15.94 | 0.02 | Lateral |
| SWR_LTR_12871 | Polyvinyl Chloride | 6 | 9.47 | 0.01 | Lateral |
| SWR_LTR_12872 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_12873 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_12874 | Polyvinyl Chloride | 6 | 9.12 | 0.01 | Lateral |
| SWR_LTR_12875 | Polyvinyl Chloride | 6 | 16.51 | 0.02 | Lateral |
| SWR_LTR_12876 | Polyvinyl Chloride | 6 | 13.88 | 0.02 | Lateral |
| SWR_LTR_12877 | Polyvinyl Chloride | 8 | 9.35 | 0.01 | Lateral |
| SWR_LTR_12878 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_12879 | Polyvinyl Chloride | 8 | 9.21 | 0.01 | Lateral |
| SWR_LTR_12880 | Polyvinyl Chloride | 6 | 9.08 | 0.01 | Lateral |
| SWR_LTR_12881 | Polyvinyl Chloride | 6 | 16.38 | 0.02 | Lateral |
| SWR_LTR_12882 | Polyvinyl Chloride | 6 | 16.43 | 0.02 | Lateral |
| SWR_LTR_12883 | Polyvinyl Chloride | 6 | 11.43 | 0.01 | Lateral |
| SWR_LTR_12884 | Polyvinyl Chloride | 6 | 10.38 | 0.01 | Lateral |
| SWR_LTR_12885 | Polyvinyl Chloride | 6 | 9.71 | 0.01 | Lateral |
| SWR_LTR_12886 | Polyvinyl Chloride | 6 | 10.55 | 0.01 | Lateral |
| SWR_LTR_12887 | Polyvinyl Chloride | 6 | 11.08 | 0.01 | Lateral |
| SWR_LTR_12888 | Polyvinyl Chloride | 6 | 10.93 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12889 | Polyvinyl Chloride | 6 | 8.65 | 0.01 | Lateral |
| SWR_LTR_12890 | Polyvinyl Chloride | 6 | 10.49 | 0.01 | Lateral |
| SWR_LTR_12891 | Polyvinyl Chloride | 6 | 8.98 | 0.01 | Lateral |
| SWR_LTR_12892 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12893 | Polyvinyl Chloride | 6 | 33.26 | 0.04 | Lateral |
| SWR_LTR_12894 | Polyvinyl Chloride | 6 | 22.67 | 0.03 | Lateral |
| SWR_LTR_12895 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_12896 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_12897 | Polyvinyl Chloride | 6 | 32.80 | 0.04 | Lateral |
| SWR_LTR_12898 | Polyvinyl Chloride | 6 | 33.33 | 0.04 | Lateral |
| SWR_LTR_12899 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_12900 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_12901 | Polyvinyl Chloride | 6 | 27.20 | 0.03 | Lateral |
| SWR_LTR_12902 | Polyvinyl Chloride | 6 | 23.04 | 0.03 | Lateral |
| SWR_LTR_12903 | Polyvinyl Chloride | 6 | 22.56 | 0.03 | Lateral |
| SWR_LTR_12904 | Polyvinyl Chloride | 6 | 21.71 | 0.02 | Lateral |
| SWR_LTR_12905 | Polyvinyl Chloride | 6 | 11.55 | 0.01 | Lateral |
| SWR_LTR_12906 | Polyvinyl Chloride | 6 | 12.28 | 0.01 | Lateral |
| SWR_LTR_12907 | Polyvinyl Chloride | 6 | 12.93 | 0.01 | Lateral |
| SWR_LTR_12908 | Polyvinyl Chloride | 6 | 9.57 | 0.01 | Lateral |
| SWR_LTR_12909 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_12910 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_12911 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_12912 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_12913 | Polyvinyl Chloride | 6 | 23.93 | 0.03 | Lateral |
| SWR_LTR_12914 | Polyvinyl Chloride | 6 | 21.81 | 0.02 | Lateral |
| SWR_LTR_12915 | Polyvinyl Chloride | 6 | 32.63 | 0.04 | Lateral |
| SWR_LTR_12916 | Polyvinyl Chloride | 6 | 31.34 | 0.04 | Lateral |
| SWR_LTR_12917 | Polyvinyl Chloride | 6 | 31.86 | 0.04 | Lateral |
| SWR_LTR_12918 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_12919 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_12920 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_12921 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_12922 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_12923 | Polyvinyl Chloride | 6 | 10.11 | 0.01 | Lateral |
| SWR_LTR_12924 | Polyvinyl Chloride | 6 | 11.93 | 0.01 | Lateral |
| SWR_LTR_12925 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_12926 | Polyvinyl Chloride | 6 | 13.90 | 0.02 | Lateral |
| SWR_LTR_12927 | Polyvinyl Chloride | 8 | 14.17 | 0.02 | Lateral |
| SWR_LTR_12928 | Polyvinyl Chloride | 6 | 14.97 | 0.02 | Lateral |
| SWR_LTR_12929 | Polyvinyl Chloride | 6 | 10.28 | 0.01 | Lateral |
| SWR_LTR_12939 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_12940 | Polyvinyl Chloride | 6 | 40.85 | 0.05 | Lateral |
| SWR_LTR_12945 | Polyvinyl Chloride | 6 | 17.44 | 0.02 | Lateral |
| SWR_LTR_12946 | Polyvinyl Chloride | 6 | 11.00 | 0.01 | Lateral |
| SWR_LTR_12947 | Polyvinyl Chloride | 6 | 10.75 | 0.01 | Lateral |
| SWR_LTR_12948 | Polyvinyl Chloride | 6 | 14.66 | 0.02 | Lateral |
| SWR_LTR_12949 | Polyvinyl Chloride | 6 | 10.69 | 0.01 | Lateral |
| SWR_LTR_12950 | Polyvinyl Chloride | 6 | 14.84 | 0.02 | Lateral |
| SWR_LTR_12951 | Polyvinyl Chloride | 6 | 14.82 | 0.02 | Lateral |
| SWR_LTR_12952 | Polyvinyl Chloride | 6 | 29.34 | 0.03 | Lateral |
| SWR_LTR_12953 | Polyvinyl Chloride | 6 | 29.13 | 0.03 | Lateral |
| SWR_LTR_12954 | Polyvinyl Chloride | 6 | 28.92 | 0.03 | Lateral |
| SWR_LTR_12955 | Polyvinyl Chloride | 6 | 29.42 | 0.03 | Lateral |
| SWR_LTR_12956 | Polyvinyl Chloride | 6 | 15.66 | 0.02 | Lateral |
| SWR_LTR_12957 | Polyvinyl Chloride | 6 | 15.51 | 0.02 | Lateral |
| SWR_LTR_12958 | Polyvinyl Chloride | 6 | 9.89 | 0.01 | Lateral |
| SWR_LTR_12959 | Terra Cotta | 8 | 11.18 | 0.02 | Lateral |
| SWR_LTR_12960 | Polyvinyl Chloride | 6 | 15.65 | 0.02 | Lateral |
| SWR_LTR_12961 | Polyvinyl Chloride | 8 | 14.40 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12962 | Polyvinyl Chloride | 6 | 10.71 | 0.01 | Lateral |
| SWR_LTR_12963 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_12964 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_12965 | Polyvinyl Chloride | 6 | 37.57 | 0.04 | Lateral |
| SWR_LTR_12966 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_12967 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_12968 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_12969 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_12970 | Polyvinyl Chloride | 6 | 38.08 | 0.04 | Lateral |
| SWR_LTR_12971 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_12972 | Polyvinyl Chloride | 6 | 37.63 | 0.04 | Lateral |
| SWR_LTR_12973 | Polyvinyl Chloride | 6 | 37.62 | 0.04 | Lateral |
| SWR_LTR_12974 | Polyvinyl Chloride | 6 | 37.60 | 0.04 | Lateral |
| SWR_LTR_12975 | Polyvinyl Chloride | 6 | 37.61 | 0.04 | Lateral |
| SWR_LTR_12976 | Polyvinyl Chloride | 6 | 37.63 | 0.04 | Lateral |
| SWR_LTR_12977 | Polyvinyl Chloride | 6 | 11.24 | 0.01 | Lateral |
| SWR_LTR_12978 | Polyvinyl Chloride | 6 | 11.24 | 0.01 | Lateral |
| SWR_LTR_12979 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_12980 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_12981 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_12982 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_12983 | Polyvinyl Chloride | 6 | 7.88 | 0.01 | Lateral |
| SWR_LTR_12984 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_12985 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_12986 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_12987 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_12988 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_12989 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_12990 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12991 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12992 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12993 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12994 | Polyvinyl Chloride | 6 | 18.73 | 0.02 | Lateral |
| SWR_LTR_12995 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12996 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12997 | Polyvinyl Chloride | 6 | 13.73 | 0.02 | Lateral |
| SWR_LTR_12998 | Polyvinyl Chloride | 6 | 7.29 | 0.01 | Lateral |
| SWR_LTR_12999 | Polyvinyl Chloride | 6 | 9.72 | 0.01 | Lateral |
| SWR_LTR_13000 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_13001 | Polyvinyl Chloride | 6 | 9.73 | 0.01 | Lateral |
| SWR_LTR_13002 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_13003 | Polyvinyl Chloride | 6 | 9.69 | 0.01 | Lateral |
| SWR_LTR_13004 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_13005 | Polyvinyl Chloride | 6 | 36.23 | 0.04 | Lateral |
| SWR_LTR_13049 | Polyvinyl Chloride | 6 | 35.52 | 0.04 | Lateral |
| SWR_LTR_13050 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_13051 | Polyvinyl Chloride | 6 | 34.72 | 0.04 | Lateral |
| SWR_LTR_13052 | Polyvinyl Chloride | 6 | 24.72 | 0.03 | Lateral |
| SWR_LTR_13053 | Polyvinyl Chloride | 6 | 4.51 | 0.01 | Lateral |
| SWR_LTR_13054 | Polyvinyl Chloride | 6 | 35.14 | 0.04 | Lateral |
| SWR_LTR_13055 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_13056 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_13057 | Polyvinyl Chloride | 6 | 14.70 | 0.02 | Lateral |
| SWR_LTR_13058 | Polyvinyl Chloride | 6 | 13.70 | 0.02 | Lateral |
| SWR_LTR_13059 | Polyvinyl Chloride | 6 | 13.71 | 0.02 | Lateral |
| SWR_LTR_13060 | Polyvinyl Chloride | 6 | 13.71 | 0.02 | Lateral |
| SWR_LTR_13061 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_13062 | Polyvinyl Chloride | 6 | 13.69 | 0.02 | Lateral |
| SWR_LTR_13063 | Polyvinyl Chloride | 6 | 17.30 | 0.02 | Lateral |
| SWR_LTR_13064 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13065 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_13066 | Polyvinyl Chloride | 6 | 7.23 | 0.01 | Lateral |
| SWR_LTR_13067 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_13068 | Polyvinyl Chloride | 6 | 13.72 | 0.02 | Lateral |
| SWR_LTR_13069 | Polyvinyl Chloride | 6 | 14.73 | 0.02 | Lateral |
| SWR_LTR_13070 | Polyvinyl Chloride | 6 | 13.71 | 0.02 | Lateral |
| SWR_LTR_13071 | Polyvinyl Chloride | 6 | 9.71 | 0.01 | Lateral |
| SWR_LTR_13072 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |
| SWR_LTR_13073 | Polyvinyl Chloride | 6 | 13.73 | 0.02 | Lateral |
| SWR_LTR_13074 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_13075 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_13076 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_13077 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_13078 | Polyvinyl Chloride | 6 | 34.17 | 0.04 | Lateral |
| SWR_LTR_13079 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_13080 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_13081 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_13082 | Polyvinyl Chloride | 6 | 42.72 | 0.05 | Lateral |
| SWR_LTR_13083 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_13084 | Polyvinyl Chloride | 6 | 42.72 | 0.05 | Lateral |
| SWR_LTR_13085 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_13086 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_13087 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_13088 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_13089 | Polyvinyl Chloride | 6 | 93.49 | 0.11 | Lateral |
| SWR_LTR_13090 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_13091 | Polyvinyl Chloride | 6 | 20.45 | 0.02 | Lateral |
| SWR_LTR_13092 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_13093 | Polyvinyl Chloride | 6 | 10.70 | 0.01 | Lateral |
| SWR_LTR_13094 | Polyvinyl Chloride | 6 | 28.04 | 0.03 | Lateral |
| SWR_LTR_13095 | Polyvinyl Chloride | 6 | 34.45 | 0.04 | Lateral |
| SWR_LTR_13096 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_13097 | Polyvinyl Chloride | 6 | 34.36 | 0.04 | Lateral |
| SWR_LTR_13098 | Polyvinyl Chloride | 6 | 34.25 | 0.04 | Lateral |
| SWR_LTR_13099 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_13100 | Polyvinyl Chloride | 6 | 34.38 | 0.04 | Lateral |
| SWR_LTR_13101 | Polyvinyl Chloride | 6 | 20.15 | 0.02 | Lateral |
| SWR_LTR_13102 | Polyvinyl Chloride | 6 | 20.95 | 0.02 | Lateral |
| SWR_LTR_13103 | Polyvinyl Chloride | 6 | 20.67 | 0.02 | Lateral |
| SWR_LTR_13104 | Polyvinyl Chloride | 6 | 20.16 | 0.02 | Lateral |
| SWR_LTR_13105 | Polyvinyl Chloride | 6 | 14.70 | 0.02 | Lateral |
| SWR_LTR_13106 | Polyvinyl Chloride | 6 | 13.68 | 0.02 | Lateral |
| SWR_LTR_13107 | Polyvinyl Chloride | 6 | 14.70 | 0.02 | Lateral |
| SWR_LTR_13108 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_13109 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_13110 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_13111 | Polyvinyl Chloride | 6 | 14.91 | 0.02 | Lateral |
| SWR_LTR_13112 | Polyvinyl Chloride | 6 | 13.31 | 0.02 | Lateral |
| SWR_LTR_13113 | Polyvinyl Chloride | 6 | 13.79 | 0.02 | Lateral |
| SWR_LTR_13114 | Polyvinyl Chloride | 6 | 9.59 | 0.01 | Lateral |
| SWR_LTR_13115 | Polyvinyl Chloride | 6 | 15.73 | 0.02 | Lateral |
| SWR_LTR_13116 | Polyvinyl Chloride | 6 | 9.81 | 0.01 | Lateral |
| SWR_LTR_13117 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_13118 | Polyvinyl Chloride | 8 | 14.67 | 0.02 | Lateral |
| SWR_LTR_13119 | Polyvinyl Chloride | 6 | 10.42 | 0.01 | Lateral |
| SWR_LTR_13120 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_13121 | Polyvinyl Chloride | 6 | 15.09 | 0.02 | Lateral |
| SWR_LTR_13122 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_13123 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_13124 | Polyvinyl Chloride | 6 | 10.09 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13125 | Polyvinyl Chloride | 6 | 45.65 | 0.05 | Lateral |
| SWR_LTR_13127 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_13128 | Polyvinyl Chloride | 6 | 24.57 | 0.03 | Lateral |
| SWR_LTR_13129 | Polyvinyl Chloride | 6 | 14.71 | 0.02 | Lateral |
| SWR_LTR_13130 | Polyvinyl Chloride | 6 | 14.38 | 0.02 | Lateral |
| SWR_LTR_13131 | Polyvinyl Chloride | 6 | 14.37 | 0.02 | Lateral |
| SWR_LTR_13132 | Polyvinyl Chloride | 6 | 14.70 | 0.02 | Lateral |
| SWR_LTR_13133 | Polyvinyl Chloride | 6 | 14.45 | 0.02 | Lateral |
| SWR_LTR_13134 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_13135 | Polyvinyl Chloride | 6 | 14.45 | 0.02 | Lateral |
| SWR_LTR_13136 | Polyvinyl Chloride | 6 | 13.70 | 0.02 | Lateral |
| SWR_LTR_13137 | Polyvinyl Chloride | 6 | 13.70 | 0.02 | Lateral |
| SWR_LTR_13138 | Polyvinyl Chloride | 6 | 13.71 | 0.02 | Lateral |
| SWR_LTR_13139 | Polyvinyl Chloride | 6 | 13.71 | 0.02 | Lateral |
| SWR_LTR_13140 | Polyvinyl Chloride | 6 | 15.95 | 0.02 | Lateral |
| SWR_LTR_13141 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_LTR_13142 | Polyvinyl Chloride | 6 | 16.02 | 0.02 | Lateral |
| SWR_LTR_13143 | Polyvinyl Chloride | 6 | 16.05 | 0.02 | Lateral |
| SWR_LTR_13144 | Polyvinyl Chloride | 6 | 14.13 | 0.02 | Lateral |
| SWR_LTR_13145 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_13146 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13147 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_13148 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13149 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13150 | Polyvinyl Chloride | 6 | 17.83 | 0.02 | Lateral |
| SWR_LTR_13159 | Polyvinyl Chloride | 6 | 13.71 | 0.02 | Lateral |
| SWR_LTR_13160 | Polyvinyl Chloride | 6 | 15.53 | 0.02 | Lateral |
| SWR_LTR_13161 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_13162 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_13163 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_13164 | Polyvinyl Chloride | 6 | 6.10 | 0.01 | Lateral |
| SWR_LTR_13165 | Polyvinyl Chloride | 6 | 23.56 | 0.03 | Lateral |
| SWR_LTR_13166 | Polyvinyl Chloride | 6 | 23.90 | 0.03 | Lateral |
| SWR_LTR_13167 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_13168 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_13169 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_13170 | Polyvinyl Chloride | 6 | 15.43 | 0.02 | Lateral |
| SWR_LTR_13171 | Polyvinyl Chloride | 6 | 15.48 | 0.02 | Lateral |
| SWR_LTR_13172 | Polyvinyl Chloride | 6 | 15.53 | 0.02 | Lateral |
| SWR_LTR_13173 | Polyvinyl Chloride | 6 | 11.24 | 0.01 | Lateral |
| SWR_LTR_13174 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_13175 | Polyvinyl Chloride | 6 | 16.11 | 0.02 | Lateral |
| SWR_LTR_13176 | Polyvinyl Chloride | 6 | 14.86 | 0.02 | Lateral |
| SWR_LTR_13177 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |
| SWR_LTR_13178 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_13179 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_13180 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_13181 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_13182 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13183 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_13184 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_13185 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_13186 | Polyvinyl Chloride | 6 | 15.29 | 0.02 | Lateral |
| SWR_LTR_13187 | Polyvinyl Chloride | 6 | 15.26 | 0.02 | Lateral |
| SWR_LTR_13188 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_13189 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_13190 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13191 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_13192 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_13193 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13194 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13195 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13196 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_13197 | Polyvinyl Chloride | 6 | 13.54 | 0.02 | Lateral |
| SWR_LTR_13198 | Polyvinyl Chloride | 6 | 30.49 | 0.03 | Lateral |
| SWR_LTR_13199 | Polyvinyl Chloride | 6 | 30.50 | 0.03 | Lateral |
| SWR_LTR_13201 | Polyvinyl Chloride | 6 | 13.57 | 0.02 | Lateral |
| SWR_LTR_13202 | Polyvinyl Chloride | 6 | 17.76 | 0.02 | Lateral |
| SWR_LTR_13203 | Polyvinyl Chloride | 6 | 10.91 | 0.01 | Lateral |
| SWR_LTR_13204 | Polyvinyl Chloride | 6 | 17.81 | 0.02 | Lateral |
| SWR_LTR_13205 | Polyvinyl Chloride | 6 | 10.86 | 0.01 | Lateral |
| SWR_LTR_13206 | Polyvinyl Chloride | 6 | 40.13 | 0.05 | Lateral |
| SWR_LTR_13211 | Polyvinyl Chloride | 6 | 15.38 | 0.02 | Lateral |
| SWR_LTR_13212 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_13213 | Polyvinyl Chloride | 6 | 22.73 | 0.03 | Lateral |
| SWR_LTR_13214 | Polyvinyl Chloride | 6 | 22.68 | 0.03 | Lateral |
| SWR_LTR_13215 | Polyvinyl Chloride | 6 | 22.70 | 0.03 | Lateral |
| SWR_LTR_13216 | Polyvinyl Chloride | 6 | 32.70 | 0.04 | Lateral |
| SWR_LTR_13217 | Polyvinyl Chloride | 6 | 29.71 | 0.03 | Lateral |
| SWR_LTR_13224 | Terra Cotta | 15 | 6.76 | 0.02 | Lateral |
| SWR_LTR_13228 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_13229 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_13230 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_13231 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_13232 | Polyvinyl Chloride | 6 | 14.40 | 0.02 | Lateral |
| SWR_LTR_13233 | Polyvinyl Chloride | 6 | 19.07 | 0.02 | Lateral |
| SWR_LTR_13234 | Polyvinyl Chloride | 6 | 18.73 | 0.02 | Lateral |
| SWR_LTR_13235 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_13236 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_13237 | Polyvinyl Chloride | 6 | 24.27 | 0.03 | Lateral |
| SWR_LTR_13238 | Polyvinyl Chloride | 6 | 18.36 | 0.02 | Lateral |
| SWR_LTR_13239 | Polyvinyl Chloride | 6 | 48.02 | 0.05 | Lateral |
| SWR_LTR_13240 | Polyvinyl Chloride | 6 | 47.00 | 0.05 | Lateral |
| SWR_LTR_13241 | Polyvinyl Chloride | 6 | 50.49 | 0.06 | Lateral |
| SWR_LTR_13242 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_13243 | Polyvinyl Chloride | 6 | 40.51 | 0.05 | Lateral |
| SWR_LTR_13244 | Polyvinyl Chloride | 6 | 44.52 | 0.05 | Lateral |
| SWR_LTR_13245 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_13246 | Polyvinyl Chloride | 6 | 40.07 | 0.05 | Lateral |
| SWR_LTR_13247 | Polyvinyl Chloride | 6 | 40.00 | 0.05 | Lateral |
| SWR_LTR_13248 | Polyvinyl Chloride | 6 | 53.48 | 0.06 | Lateral |
| SWR_LTR_13249 | Polyvinyl Chloride | 6 | 51.00 | 0.06 | Lateral |
| SWR_LTR_13250 | Polyvinyl Chloride | 6 | 53.00 | 0.06 | Lateral |
| SWR_LTR_13251 | Polyvinyl Chloride | 6 | 43.49 | 0.05 | Lateral |
| SWR_LTR_13252 | Polyvinyl Chloride | 6 | 44.69 | 0.05 | Lateral |
| SWR_LTR_13253 | Polyvinyl Chloride | 6 | 47.50 | 0.05 | Lateral |
| SWR_LTR_13254 | Polyvinyl Chloride | 6 | 31.99 | 0.04 | Lateral |
| SWR_LTR_13255 | Polyvinyl Chloride | 6 | 37.03 | 0.04 | Lateral |
| SWR_LTR_13256 | Polyvinyl Chloride | 6 | 37.03 | 0.04 | Lateral |
| SWR_LTR_13257 | Polyvinyl Chloride | 6 | 37.04 | 0.04 | Lateral |
| SWR_LTR_13258 | Polyvinyl Chloride | 6 | 30.01 | 0.03 | Lateral |
| SWR_LTR_13259 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_13260 | Polyvinyl Chloride | 6 | 25.49 | 0.03 | Lateral |
| SWR_LTR_13261 | Polyvinyl Chloride | 6 | 25.50 | 0.03 | Lateral |
| SWR_LTR_13262 | Polyvinyl Chloride | 6 | 45.00 | 0.05 | Lateral |
| SWR_LTR_13263 | Polyvinyl Chloride | 6 | 46.17 | 0.05 | Lateral |
| SWR_LTR_13264 | Polyvinyl Chloride | 6 | 29.24 | 0.03 | Lateral |
| SWR_LTR_13265 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_13266 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_13267 | Polyvinyl Chloride | 6 | 30.74 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13268 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_13269 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_13270 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_13271 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_13272 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_13273 | Polyvinyl Chloride | 6 | 22.51 | 0.03 | Lateral |
| SWR_LTR_13274 | Polyvinyl Chloride | 6 | 31.48 | 0.04 | Lateral |
| SWR_LTR_13275 | Polyvinyl Chloride | 6 | 18.90 | 0.02 | Lateral |
| SWR_LTR_13276 | Polyvinyl Chloride | 6 | 18.61 | 0.02 | Lateral |
| SWR_LTR_13277 | Polyvinyl Chloride | 6 | 18.09 | 0.02 | Lateral |
| SWR_LTR_13278 | Polyvinyl Chloride | 6 | 23.72 | 0.03 | Lateral |
| SWR_LTR_13279 | Polyvinyl Chloride | 6 | 23.60 | 0.03 | Lateral |
| SWR_LTR_13280 | Polyvinyl Chloride | 6 | 24.06 | 0.03 | Lateral |
| SWR_LTR_13281 | Polyvinyl Chloride | 6 | 23.89 | 0.03 | Lateral |
| SWR_LTR_13282 | Polyvinyl Chloride | 6 | 18.63 | 0.02 | Lateral |
| SWR_LTR_13283 | Polyvinyl Chloride | 6 | 18.80 | 0.02 | Lateral |
| SWR_LTR_13284 | Polyvinyl Chloride | 6 | 23.42 | 0.03 | Lateral |
| SWR_LTR_13285 | Polyvinyl Chloride | 6 | 19.51 | 0.02 | Lateral |
| SWR_LTR_13286 | Polyvinyl Chloride | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_13287 | Polyvinyl Chloride | 6 | 9.58 | 0.01 | Lateral |
| SWR_LTR_13288 | Polyvinyl Chloride | 6 | 9.71 | 0.01 | Lateral |
| SWR_LTR_13289 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_13290 | Polyvinyl Chloride | 6 | 10.58 | 0.01 | Lateral |
| SWR_LTR_13291 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_13292 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_13293 | Polyvinyl Chloride | 6 | 25.60 | 0.03 | Lateral |
| SWR_LTR_13294 | Polyvinyl Chloride | 6 | 46.02 | 0.05 | Lateral |
| SWR_LTR_13295 | Polyvinyl Chloride | 6 | 40.98 | 0.05 | Lateral |
| SWR_LTR_13296 | Polyvinyl Chloride | 6 | 38.04 | 0.04 | Lateral |
| SWR_LTR_13297 | Polyvinyl Chloride | 6 | 50.02 | 0.06 | Lateral |
| SWR_LTR_13298 | Polyvinyl Chloride | 6 | 47.00 | 0.05 | Lateral |
| SWR_LTR_13299 | Polyvinyl Chloride | 6 | 49.99 | 0.06 | Lateral |
| SWR_LTR_13300 | Polyvinyl Chloride | 6 | 52.00 | 0.06 | Lateral |
| SWR_LTR_13301 | Polyvinyl Chloride | 6 | 44.01 | 0.05 | Lateral |
| SWR_LTR_13302 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13303 | Polyvinyl Chloride | 6 | 15.65 | 0.02 | Lateral |
| SWR_LTR_13304 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_13305 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13306 | Polyvinyl Chloride | 6 | 10.35 | 0.01 | Lateral |
| SWR_LTR_13307 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_13308 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_13309 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13310 | Polyvinyl Chloride | 6 | 15.35 | 0.02 | Lateral |
| SWR_LTR_13311 | Polyvinyl Chloride | 6 | 15.41 | 0.02 | Lateral |
| SWR_LTR_13312 | Polyvinyl Chloride | 6 | 15.59 | 0.02 | Lateral |
| SWR_LTR_13313 | Polyvinyl Chloride | 6 | 9.77 | 0.01 | Lateral |
| SWR_LTR_13314 | Polyvinyl Chloride | 6 | 9.83 | 0.01 | Lateral |
| SWR_LTR_13315 | Polyvinyl Chloride | 6 | 10.01 | 0.01 | Lateral |
| SWR_LTR_13316 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_13317 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_13318 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_13319 | Polyvinyl Chloride | 6 | 15.39 | 0.02 | Lateral |
| SWR_LTR_13320 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_13321 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_13322 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13323 | Polyvinyl Chloride | 6 | 14.34 | 0.02 | Lateral |
| SWR_LTR_13324 | Polyvinyl Chloride | 6 | 15.31 | 0.02 | Lateral |
| SWR_LTR_13325 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_13326 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_13327 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13328 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_13329 | Polyvinyl Chloride | 6 | 44.00 | 0.05 | Lateral |
| SWR_LTR_13330 | Polyvinyl Chloride | 6 | 43.99 | 0.05 | Lateral |
| SWR_LTR_13331 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13332 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_13333 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_13334 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_13335 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_13336 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_13337 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_13338 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_13339 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_13340 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_13341 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_13342 | Polyvinyl Chloride | 6 | 14.77 | 0.02 | Lateral |
| SWR_LTR_13343 | Polyvinyl Chloride | 6 | 10.65 | 0.01 | Lateral |
| SWR_LTR_13344 | Polyvinyl Chloride | 6 | 14.81 | 0.02 | Lateral |
| SWR_LTR_13345 | Polyvinyl Chloride | 6 | 14.95 | 0.02 | Lateral |
| SWR_LTR_13346 | Polyvinyl Chloride | 6 | 15.02 | 0.02 | Lateral |
| SWR_LTR_13347 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_13348 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_13349 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13350 | Polyvinyl Chloride | 6 | 10.59 | 0.01 | Lateral |
| SWR_LTR_13351 | Polyvinyl Chloride | 6 | 14.90 | 0.02 | Lateral |
| SWR_LTR_13352 | Polyvinyl Chloride | 6 | 10.51 | 0.01 | Lateral |
| SWR_LTR_13353 | Polyvinyl Chloride | 6 | 10.47 | 0.01 | Lateral |
| SWR_LTR_13354 | Polyvinyl Chloride | 6 | 15.37 | 0.02 | Lateral |
| SWR_LTR_13355 | Polyvinyl Chloride | 6 | 15.31 | 0.02 | Lateral |
| SWR_LTR_13356 | Polyvinyl Chloride | 6 | 15.25 | 0.02 | Lateral |
| SWR_LTR_13357 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_13358 | Polyvinyl Chloride | 6 | 18.83 | 0.02 | Lateral |
| SWR_LTR_13359 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_13360 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_13361 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_13362 | Polyvinyl Chloride | 6 | 14.07 | 0.02 | Lateral |
| SWR_LTR_13363 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_13364 | Polyvinyl Chloride | 6 | 10.62 | 0.01 | Lateral |
| SWR_LTR_13365 | Polyvinyl Chloride | 6 | 26.98 | 0.03 | Lateral |
| SWR_LTR_13366 | Polyvinyl Chloride | 6 | 31.05 | 0.04 | Lateral |
| SWR_LTR_13367 | Polyvinyl Chloride | 6 | 29.53 | 0.03 | Lateral |
| SWR_LTR_13368 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_13369 | Polyvinyl Chloride | 6 | 30.62 | 0.03 | Lateral |
| SWR_LTR_13370 | Polyvinyl Chloride | 6 | 29.63 | 0.03 | Lateral |
| SWR_LTR_13371 | Polyvinyl Chloride | 6 | 49.03 | 0.06 | Lateral |
| SWR_LTR_13372 | Polyvinyl Chloride | 6 | 46.02 | 0.05 | Lateral |
| SWR_LTR_13373 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_13374 | Polyvinyl Chloride | 6 | 46.03 | 0.05 | Lateral |
| SWR_LTR_13375 | Polyvinyl Chloride | 6 | 40.99 | 0.05 | Lateral |
| SWR_LTR_13376 | Polyvinyl Chloride | 6 | 43.00 | 0.05 | Lateral |
| SWR_LTR_13377 | Polyvinyl Chloride | 6 | 46.07 | 0.05 | Lateral |
| SWR_LTR_13378 | Polyvinyl Chloride | 6 | 32.26 | 0.04 | Lateral |
| SWR_LTR_13379 | Polyvinyl Chloride | 6 | 32.25 | 0.04 | Lateral |
| SWR_LTR_13380 | Polyvinyl Chloride | 6 | 35.54 | 0.04 | Lateral |
| SWR_LTR_13381 | Polyvinyl Chloride | 6 | 37.03 | 0.04 | Lateral |
| SWR_LTR_13382 | Polyvinyl Chloride | 6 | 31.23 | 0.04 | Lateral |
| SWR_LTR_13383 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_13384 | Polyvinyl Chloride | 6 | 14.12 | 0.02 | Lateral |
| SWR_LTR_13385 | Polyvinyl Chloride | 6 | 6.10 | 0.01 | Lateral |
| SWR_LTR_13386 | Polyvinyl Chloride | 6 | 46.50 | 0.05 | Lateral |
| SWR_LTR_13387 | Polyvinyl Chloride | 6 | 44.05 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13388 | Polyvinyl Chloride | 6 | 44.05 | 0.05 | Lateral |
| SWR_LTR_13389 | Polyvinyl Chloride | 6 | 44.51 | 0.05 | Lateral |
| SWR_LTR_13390 | Polyvinyl Chloride | 6 | 43.55 | 0.05 | Lateral |
| SWR_LTR_13391 | Polyvinyl Chloride | 6 | 45.51 | 0.05 | Lateral |
| SWR_LTR_13392 | Polyvinyl Chloride | 6 | 57.52 | 0.07 | Lateral |
| SWR_LTR_13393 | Polyvinyl Chloride | 6 | 51.99 | 0.06 | Lateral |
| SWR_LTR_13394 | Polyvinyl Chloride | 6 | 43.55 | 0.05 | Lateral |
| SWR_LTR_13395 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_13396 | Polyvinyl Chloride | 6 | 65.21 | 0.07 | Lateral |
| SWR_LTR_13397 | Polyvinyl Chloride | 6 | 67.63 | 0.08 | Lateral |
| SWR_LTR_13398 | Polyvinyl Chloride | 6 | 67.58 | 0.08 | Lateral |
| SWR_LTR_13399 | Polyvinyl Chloride | 6 | 67.64 | 0.08 | Lateral |
| SWR_LTR_13400 | Polyvinyl Chloride | 8 | 38.32 | 0.06 | Lateral |
| SWR_LTR_13401 | Polyvinyl Chloride | 10 | 67.45 | 0.13 | Lateral |
| SWR_LTR_13402 | Polyvinyl Chloride | 12 | 77.33 | 0.18 | Lateral |
| SWR_LTR_13403 | Polyvinyl Chloride | 6 | 74.88 | 0.09 | Lateral |
| SWR_LTR_13404 | Polyvinyl Chloride | 6 | 68.34 | 0.08 | Lateral |
| SWR_LTR_13405 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_13406 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_13407 | Polyvinyl Chloride | 6 | 62.66 | 0.07 | Lateral |
| SWR_LTR_13408 | Polyvinyl Chloride | 6 | 31.25 | 0.04 | Lateral |
| SWR_LTR_13409 | Polyvinyl Chloride | 6 | 65.20 | 0.07 | Lateral |
| SWR_LTR_13410 | Polyvinyl Chloride | 6 | 49.52 | 0.06 | Lateral |
| SWR_LTR_13411 | Polyvinyl Chloride | 6 | 65.27 | 0.07 | Lateral |
| SWR_LTR_13412 | Polyvinyl Chloride | 6 | 8.61 | 0.01 | Lateral |
| SWR_LTR_13422 | Polyvinyl Chloride | 6 | 46.08 | 0.05 | Lateral |
| SWR_LTR_13423 | Polyvinyl Chloride | 6 | 37.97 | 0.04 | Lateral |
| SWR_LTR_13424 | Polyvinyl Chloride | 6 | 42.17 | 0.05 | Lateral |
| SWR_LTR_13425 | Polyvinyl Chloride | 6 | 29.49 | 0.03 | Lateral |
| SWR_LTR_13426 | Polyvinyl Chloride | 6 | 40.81 | 0.05 | Lateral |
| SWR_LTR_13427 | Polyvinyl Chloride | 6 | 40.98 | 0.05 | Lateral |
| SWR_LTR_13428 | Polyvinyl Chloride | 6 | 29.36 | 0.03 | Lateral |
| SWR_LTR_13429 | Polyvinyl Chloride | 6 | 40.65 | 0.05 | Lateral |
| SWR_LTR_13430 | Polyvinyl Chloride | 6 | 40.85 | 0.05 | Lateral |
| SWR_LTR_13431 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13432 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13433 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_13434 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13435 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13446 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_13447 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_13448 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_13449 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_13450 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_13451 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_13452 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_13453 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_13454 | Polyvinyl Chloride | 6 | 43.03 | 0.05 | Lateral |
| SWR_LTR_13455 | Polyvinyl Chloride | 6 | 42.10 | 0.05 | Lateral |
| SWR_LTR_13456 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_13457 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_13458 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13459 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13460 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13461 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_13462 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_13463 | Polyvinyl Chloride | 6 | 36.22 | 0.04 | Lateral |
| SWR_LTR_13464 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_13465 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_13466 | Polyvinyl Chloride | 6 | 13.09 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13467 | Polyvinyl Chloride | 6 | 13.06 | 0.01 | Lateral |
| SWR_LTR_13468 | Polyvinyl Chloride | 6 | 12.62 | 0.01 | Lateral |
| SWR_LTR_13469 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_13470 | Polyvinyl Chloride | 6 | 18.08 | 0.02 | Lateral |
| SWR_LTR_13471 | Polyvinyl Chloride | 6 | 12.24 | 0.01 | Lateral |
| SWR_LTR_13472 | Polyvinyl Chloride | 6 | 19.03 | 0.02 | Lateral |
| SWR_LTR_13473 | Polyvinyl Chloride | 6 | 13.49 | 0.02 | Lateral |
| SWR_LTR_13474 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_13475 | Polyvinyl Chloride | 6 | 13.25 | 0.02 | Lateral |
| SWR_LTR_13476 | Polyvinyl Chloride | 6 | 13.29 | 0.02 | Lateral |
| SWR_LTR_13477 | Polyvinyl Chloride | 6 | 13.35 | 0.02 | Lateral |
| SWR_LTR_13478 | Polyvinyl Chloride | 6 | 6.06 | 0.01 | Lateral |
| SWR_LTR_13479 | Polyvinyl Chloride | 6 | 10.02 | 0.01 | Lateral |
| SWR_LTR_13480 | Polyvinyl Chloride | 6 | 6.75 | 0.01 | Lateral |
| SWR_LTR_13481 | Polyvinyl Chloride | 6 | 9.99 | 0.01 | Lateral |
| SWR_LTR_13482 | Polyvinyl Chloride | 6 | 9.07 | 0.01 | Lateral |
| SWR_LTR_13483 | Polyvinyl Chloride | 6 | 24.51 | 0.03 | Lateral |
| SWR_LTR_13484 | Polyvinyl Chloride | 6 | 15.53 | 0.02 | Lateral |
| SWR_LTR_13485 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_13486 | Polyvinyl Chloride | 6 | 19.54 | 0.02 | Lateral |
| SWR_LTR_13487 | Polyvinyl Chloride | 6 | 17.85 | 0.02 | Lateral |
| SWR_LTR_13488 | Polyvinyl Chloride | 6 | 65.23 | 0.07 | Lateral |
| SWR_LTR_13489 | Polyvinyl Chloride | 6 | 70.19 | 0.08 | Lateral |
| SWR_LTR_13490 | Polyvinyl Chloride | 6 | 70.18 | 0.08 | Lateral |
| SWR_LTR_13491 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_13492 | Polyvinyl Chloride | 6 | 70.22 | 0.08 | Lateral |
| SWR_LTR_13493 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_13494 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_13495 | Polyvinyl Chloride | 6 | 41.25 | 0.05 | Lateral |
| SWR_LTR_13496 | Polyvinyl Chloride | 6 | 42.39 | 0.05 | Lateral |
| SWR_LTR_13497 | Polyvinyl Chloride | 6 | 49.48 | 0.06 | Lateral |
| SWR_LTR_13498 | Polyvinyl Chloride | 6 | 48.51 | 0.06 | Lateral |
| SWR_LTR_13499 | Polyvinyl Chloride | 6 | 56.01 | 0.06 | Lateral |
| SWR_LTR_13500 | Polyvinyl Chloride | 6 | 42.53 | 0.05 | Lateral |
| SWR_LTR_13501 | Polyvinyl Chloride | 6 | 52.00 | 0.06 | Lateral |
| SWR_LTR_13502 | Polyvinyl Chloride | 6 | 41.10 | 0.05 | Lateral |
| SWR_LTR_13503 | Polyvinyl Chloride | 6 | 5.02 | 0.01 | Lateral |
| SWR_LTR_13504 | Polyvinyl Chloride | 6 | 5.00 | 0.01 | Lateral |
| SWR_LTR_13505 | Polyvinyl Chloride | 6 | 6.31 | 0.01 | Lateral |
| SWR_LTR_13506 | Polyvinyl Chloride | 6 | 29.95 | 0.03 | Lateral |
| SWR_LTR_13507 | Polyvinyl Chloride | 6 | 29.70 | 0.03 | Lateral |
| SWR_LTR_13508 | Polyvinyl Chloride | 6 | 29.05 | 0.03 | Lateral |
| SWR_LTR_13509 | Polyvinyl Chloride | 6 | 29.56 | 0.03 | Lateral |
| SWR_LTR_13510 | Polyvinyl Chloride | 6 | 49.11 | 0.06 | Lateral |
| SWR_LTR_13511 | Polyvinyl Chloride | 6 | 48.76 | 0.06 | Lateral |
| SWR_LTR_13512 | Polyvinyl Chloride | 6 | 26.64 | 0.03 | Lateral |
| SWR_LTR_13513 | Polyvinyl Chloride | 6 | 26.71 | 0.03 | Lateral |
| SWR_LTR_13514 | Polyvinyl Chloride | 6 | 48.10 | 0.05 | Lateral |
| SWR_LTR_13515 | Polyvinyl Chloride | 6 | 27.28 | 0.03 | Lateral |
| SWR_LTR_13516 | Polyvinyl Chloride | 6 | 48.27 | 0.05 | Lateral |
| SWR_LTR_13517 | Polyvinyl Chloride | 6 | 48.41 | 0.06 | Lateral |
| SWR_LTR_13519 | Polyvinyl Chloride | 6 | 7.63 | 0.01 | Lateral |
| SWR_LTR_13520 | Polyvinyl Chloride | 6 | 8.50 | 0.01 | Lateral |
| SWR_LTR_13521 | Polyvinyl Chloride | 6 | 6.99 | 0.01 | Lateral |
| SWR_LTR_13522 | Polyvinyl Chloride | 6 | 10.30 | 0.01 | Lateral |
| SWR_LTR_13523 | Polyvinyl Chloride | 6 | 13.42 | 0.02 | Lateral |
| SWR_LTR_13524 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13527 | Polyvinyl Chloride | 6 | 56.26 | 0.06 | Lateral |
| SWR_LTR_13533 | Polyvinyl Chloride | 6 | 29.65 | 0.03 | Lateral |
| SWR_LTR_13588 | Polyvinyl Chloride | 6 | 6.41 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13589 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_13609 | Polyvinyl Chloride | 6 | 40.54 | 0.05 | Lateral |
| SWR_LTR_13610 | Polyvinyl Chloride | 6 | 43.03 | 0.05 | Lateral |
| SWR_LTR_13611 | Polyvinyl Chloride | 6 | 40.95 | 0.05 | Lateral |
| SWR_LTR_13612 | Polyvinyl Chloride | 6 | 68.15 | 0.08 | Lateral |
| SWR_LTR_13613 | Polyvinyl Chloride | 6 | 67.85 | 0.08 | Lateral |
| SWR_LTR_13614 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_13615 | Polyvinyl Chloride | 6 | 7.62 | 0.01 | Lateral |
| SWR_LTR_13616 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_13617 | Polyvinyl Chloride | 6 | 39.68 | 0.05 | Lateral |
| SWR_LTR_13618 | Polyvinyl Chloride | 6 | 40.71 | 0.05 | Lateral |
| SWR_LTR_13619 | Polyvinyl Chloride | 6 | 39.71 | 0.05 | Lateral |
| SWR_LTR_13620 | Polyvinyl Chloride | 6 | 40.11 | 0.05 | Lateral |
| SWR_LTR_13621 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_13622 | Polyvinyl Chloride | 6 | 36.70 | 0.04 | Lateral |
| SWR_LTR_13623 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_13624 | Polyvinyl Chloride | 6 | 71.71 | 0.08 | Lateral |
| SWR_LTR_13625 | Polyvinyl Chloride | 6 | 5.99 | 0.01 | Lateral |
| SWR_LTR_13626 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_13627 | Polyvinyl Chloride | 6 | 7.23 | 0.01 | Lateral |
| SWR_LTR_13628 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_17040 | Polyvinyl Chloride | 6 | 6.17 | 0.01 | Lateral |
| SWR_LTR_17041 | Polyvinyl Chloride | 6 | 11.75 | 0.01 | Lateral |
| SWR_LTR_17042 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_17043 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_17044 | Polyvinyl Chloride | 6 | 31.00 | 0.04 | Lateral |
| SWR_LTR_17045 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_17046 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_17047 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_17048 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_17049 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_17050 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_17051 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_17052 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_17053 | Polyvinyl Chloride | 6 | 7.24 | 0.01 | Lateral |
| SWR_LTR_17054 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_17145 | Polyvinyl Chloride | 6 | 42.88 | 0.05 | Lateral |
| SWR_LTR_17146 | Polyvinyl Chloride | 6 | 47.91 | 0.05 | Lateral |
| SWR_LTR_17147 | Polyvinyl Chloride | 6 | 43.85 | 0.05 | Lateral |
| SWR_LTR_17148 | Polyvinyl Chloride | 6 | 45.82 | 0.05 | Lateral |
| SWR_LTR_17149 | Polyvinyl Chloride | 6 | 49.37 | 0.06 | Lateral |
| SWR_LTR_17150 | Polyvinyl Chloride | 6 | 47.08 | 0.05 | Lateral |
| SWR_LTR_17151 | Polyvinyl Chloride | 6 | 44.91 | 0.05 | Lateral |
| SWR_LTR_17152 | Polyvinyl Chloride | 6 | 47.64 | 0.05 | Lateral |
| SWR_LTR_17153 | Polyvinyl Chloride | 6 | 49.27 | 0.06 | Lateral |
| SWR_LTR_17154 | Polyvinyl Chloride | 6 | 47.75 | 0.05 | Lateral |
| SWR_LTR_17155 | Polyvinyl Chloride | 6 | 46.06 | 0.05 | Lateral |
| SWR_LTR_17156 | Polyvinyl Chloride | 6 | 40.35 | 0.05 | Lateral |
| SWR_LTR_17157 | Polyvinyl Chloride | 6 | 42.10 | 0.05 | Lateral |
| SWR_LTR_17158 | Polyvinyl Chloride | 6 | 44.71 | 0.05 | Lateral |
| SWR_LTR_17159 | Polyvinyl Chloride | 6 | 43.26 | 0.05 | Lateral |
| SWR_LTR_17160 | Polyvinyl Chloride | 6 | 44.81 | 0.05 | Lateral |
| SWR_LTR_17161 | Polyvinyl Chloride | 6 | 37.15 | 0.04 | Lateral |
| SWR_LTR_17162 | Polyvinyl Chloride | 6 | 43.74 | 0.05 | Lateral |
| SWR_LTR_17173 | Polyvinyl Chloride | 6 | 41.72 | 0.05 | Lateral |
| SWR_LTR_17174 | Polyvinyl Chloride | 6 | 41.51 | 0.05 | Lateral |
| SWR_LTR_17175 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_17176 | Polyvinyl Chloride | 6 | 41.92 | 0.05 | Lateral |
| SWR_LTR_17177 | Polyvinyl Chloride | 6 | 39.53 | 0.04 | Lateral |
| SWR_LTR_17178 | Polyvinyl Chloride | 6 | 44.33 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17179 | Polyvinyl Chloride | 6 | 43.10 | 0.05 | Lateral |
| SWR_LTR_17180 | Polyvinyl Chloride | 6 | 41.48 | 0.05 | Lateral |
| SWR_LTR_17181 | Polyvinyl Chloride | 6 | 42.17 | 0.05 | Lateral |
| SWR_LTR_17182 | Polyvinyl Chloride | 6 | 41.08 | 0.05 | Lateral |
| SWR_LTR_17183 | Polyvinyl Chloride | 6 | 41.31 | 0.05 | Lateral |
| SWR_LTR_17184 | Polyvinyl Chloride | 6 | 39.31 | 0.04 | Lateral |
| SWR_LTR_17185 | Polyvinyl Chloride | 6 | 41.93 | 0.05 | Lateral |
| SWR_LTR_17186 | Polyvinyl Chloride | 6 | 44.09 | 0.05 | Lateral |
| SWR_LTR_17187 | Polyvinyl Chloride | 6 | 46.06 | 0.05 | Lateral |
| SWR_LTR_17188 | Polyvinyl Chloride | 6 | 38.96 | 0.04 | Lateral |
| SWR_LTR_17189 | Polyvinyl Chloride | 6 | 40.72 | 0.05 | Lateral |
| SWR_LTR_17190 | Polyvinyl Chloride | 6 | 36.10 | 0.04 | Lateral |
| SWR_LTR_17191 | Polyvinyl Chloride | 6 | 44.42 | 0.05 | Lateral |
| SWR_LTR_17192 | Polyvinyl Chloride | 6 | 38.52 | 0.04 | Lateral |
| SWR_LTR_17193 | Polyvinyl Chloride | 6 | 42.96 | 0.05 | Lateral |
| SWR_LTR_17194 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_17195 | Polyvinyl Chloride | 6 | 45.51 | 0.05 | Lateral |
| SWR_LTR_17196 | Polyvinyl Chloride | 6 | 54.12 | 0.06 | Lateral |
| SWR_LTR_17778 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_17779 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_17780 | Polyvinyl Chloride | 6 | 15.70 | 0.02 | Lateral |
| SWR_LTR_17781 | Polyvinyl Chloride | 6 | 13.49 | 0.02 | Lateral |
| SWR_LTR_17782 | Polyvinyl Chloride | 6 | 12.88 | 0.01 | Lateral |
| SWR_LTR_17783 | Polyvinyl Chloride | 6 | 11.78 | 0.01 | Lateral |
| SWR_LTR_17784 | Polyvinyl Chloride | 6 | 12.37 | 0.01 | Lateral |
| SWR_LTR_17785 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_17786 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_17787 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_17788 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_17789 | Polyvinyl Chloride | 6 | 15.70 | 0.02 | Lateral |
| SWR_LTR_17790 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_17791 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_17792 | Polyvinyl Chloride | 6 | 10.44 | 0.01 | Lateral |
| SWR_LTR_17793 | Polyvinyl Chloride | 6 | 10.47 | 0.01 | Lateral |
| SWR_LTR_17794 | Polyvinyl Chloride | 6 | 10.46 | 0.01 | Lateral |
| SWR_LTR_17795 | Polyvinyl Chloride | 6 | 32.19 | 0.04 | Lateral |
| SWR_LTR_17796 | Polyvinyl Chloride | 6 | 30.74 | 0.03 | Lateral |
| SWR_LTR_17797 | Polyvinyl Chloride | 6 | 31.56 | 0.04 | Lateral |
| SWR_LTR_17798 | Polyvinyl Chloride | 6 | 33.21 | 0.04 | Lateral |
| SWR_LTR_17799 | Polyvinyl Chloride | 6 | 39.14 | 0.04 | Lateral |
| SWR_LTR_17800 | Polyvinyl Chloride | 6 | 24.31 | 0.03 | Lateral |
| SWR_LTR_17801 | Polyvinyl Chloride | 6 | 29.95 | 0.03 | Lateral |
| SWR_LTR_17802 | Polyvinyl Chloride | 8 | 39.50 | 0.06 | Lateral |
| SWR_LTR_17803 | Polyvinyl Chloride | 6 | 25.63 | 0.03 | Lateral |
| SWR_LTR_17989 | Polyvinyl Chloride | 6 | 19.79 | 0.02 | Lateral |
| SWR_LTR_18144 | Polyvinyl Chloride | 6 | 11.89 | 0.01 | Lateral |
| SWR_LTR_18145 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_18146 | Polyvinyl Chloride | 6 | 12.05 | 0.01 | Lateral |
| SWR_LTR_18147 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_18148 | Polyvinyl Chloride | 6 | 12.66 | 0.01 | Lateral |
| SWR_LTR_18149 | Polyvinyl Chloride | 6 | 17.72 | 0.02 | Lateral |
| SWR_LTR_18150 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_18167 | Polyvinyl Chloride | 6 | 18.01 | 0.02 | Lateral |
| SWR_LTR_18168 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_18169 | Polyvinyl Chloride | 6 | 12.46 | 0.01 | Lateral |
| SWR_LTR_18170 | Polyvinyl Chloride | 6 | 12.59 | 0.01 | Lateral |
| SWR_LTR_18171 | Polyvinyl Chloride | 6 | 17.49 | 0.02 | Lateral |
| SWR_LTR_18172 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_18173 | Polyvinyl Chloride | 6 | 23.98 | 0.03 | Lateral |
| SWR_LTR_18174 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18175 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_18176 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_18177 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_18178 | Polyvinyl Chloride | 6 | 10.57 | 0.01 | Lateral |
| SWR_LTR_18179 | Polyvinyl Chloride | 6 | 10.49 | 0.01 | Lateral |
| SWR_LTR_18180 | Polyvinyl Chloride | 6 | 14.90 | 0.02 | Lateral |
| SWR_LTR_18181 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_18182 | Polyvinyl Chloride | 6 | 14.99 | 0.02 | Lateral |
| SWR_LTR_18183 | Polyvinyl Chloride | 6 | 10.32 | 0.01 | Lateral |
| SWR_LTR_18184 | Polyvinyl Chloride | 6 | 10.34 | 0.01 | Lateral |
| SWR_LTR_18185 | Polyvinyl Chloride | 6 | 15.09 | 0.02 | Lateral |
| SWR_LTR_18186 | Polyvinyl Chloride | 6 | 15.06 | 0.02 | Lateral |
| SWR_LTR_18187 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_18188 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_18189 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_18190 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_18191 | Polyvinyl Chloride | 6 | 10.95 | 0.01 | Lateral |
| SWR_LTR_18192 | Polyvinyl Chloride | 6 | 14.49 | 0.02 | Lateral |
| SWR_LTR_18193 | Polyvinyl Chloride | 6 | 10.61 | 0.01 | Lateral |
| SWR_LTR_18194 | Polyvinyl Chloride | 6 | 14.87 | 0.02 | Lateral |
| SWR_LTR_18195 | Polyvinyl Chloride | 6 | 10.33 | 0.01 | Lateral |
| SWR_LTR_18196 | Polyvinyl Chloride | 6 | 15.11 | 0.02 | Lateral |
| SWR_LTR_18197 | Polyvinyl Chloride | 6 | 17.12 | 0.02 | Lateral |
| SWR_LTR_18198 | Polyvinyl Chloride | 6 | 18.12 | 0.02 | Lateral |
| SWR_LTR_18199 | Polyvinyl Chloride | 6 | 14.83 | 0.02 | Lateral |
| SWR_LTR_18200 | Polyvinyl Chloride | 6 | 17.52 | 0.02 | Lateral |
| SWR_LTR_18201 | Polyvinyl Chloride | 6 | 18.55 | 0.02 | Lateral |
| SWR_LTR_18202 | Polyvinyl Chloride | 6 | 10.64 | 0.01 | Lateral |
| SWR_LTR_18203 | Polyvinyl Chloride | 6 | 22.00 | 0.02 | Lateral |
| SWR_LTR_18204 | Polyvinyl Chloride | 6 | 12.31 | 0.01 | Lateral |
| SWR_LTR_18205 | Polyvinyl Chloride | 6 | 17.63 | 0.02 | Lateral |
| SWR_LTR_18206 | Polyvinyl Chloride | 6 | 24.07 | 0.03 | Lateral |
| SWR_LTR_18207 | Polyvinyl Chloride | 6 | 23.03 | 0.03 | Lateral |
| SWR_LTR_18208 | Polyvinyl Chloride | 6 | 17.97 | 0.02 | Lateral |
| SWR_LTR_18209 | Polyvinyl Chloride | 6 | 11.90 | 0.01 | Lateral |
| SWR_LTR_18210 | Polyvinyl Chloride | 6 | 13.00 | 0.01 | Lateral |
| SWR_LTR_18211 | Polyvinyl Chloride | 6 | 10.66 | 0.01 | Lateral |
| SWR_LTR_18212 | Polyvinyl Chloride | 6 | 17.98 | 0.02 | Lateral |
| SWR_LTR_18213 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_18214 | Polyvinyl Chloride | 6 | 36.79 | 0.04 | Lateral |
| SWR_LTR_18215 | Polyvinyl Chloride | 6 | 36.80 | 0.04 | Lateral |
| SWR_LTR_18216 | Polyvinyl Chloride | 6 | 35.40 | 0.04 | Lateral |
| SWR_LTR_18217 | Polyvinyl Chloride | 6 | 25.69 | 0.03 | Lateral |
| SWR_LTR_18218 | Polyvinyl Chloride | 6 | 25.57 | 0.03 | Lateral |
| SWR_LTR_18278 | Polyvinyl Chloride | 6 | 10.79 | 0.01 | Lateral |
| SWR_LTR_18279 | Polyvinyl Chloride | 6 | 10.50 | 0.01 | Lateral |
| SWR_LTR_18280 | Polyvinyl Chloride | 6 | 11.60 | 0.01 | Lateral |
| SWR_LTR_18281 | Polyvinyl Chloride | 6 | 12.88 | 0.01 | Lateral |
| SWR_LTR_18282 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_18283 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_18284 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_18285 | Polyvinyl Chloride | 6 | 17.55 | 0.02 | Lateral |
| SWR_LTR_18286 | Polyvinyl Chloride | 6 | 18.59 | 0.02 | Lateral |
| SWR_LTR_18287 | Polyvinyl Chloride | 6 | 18.59 | 0.02 | Lateral |
| SWR_LTR_18288 | Polyvinyl Chloride | 6 | 18.59 | 0.02 | Lateral |
| SWR_LTR_18289 | Polyvinyl Chloride | 6 | 18.55 | 0.02 | Lateral |
| SWR_LTR_18290 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_18291 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_18292 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_18293 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18294 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_18295 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_18296 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_18297 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_18298 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_18299 | Polyvinyl Chloride | 6 | 17.37 | 0.02 | Lateral |
| SWR_LTR_18300 | Polyvinyl Chloride | 6 | 17.37 | 0.02 | Lateral |
| SWR_LTR_18301 | Polyvinyl Chloride | 6 | 17.33 | 0.02 | Lateral |
| SWR_LTR_18302 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_18303 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_18304 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_18305 | Polyvinyl Chloride | 6 | 18.54 | 0.02 | Lateral |
| SWR_LTR_18306 | Polyvinyl Chloride | 6 | 8.29 | 0.01 | Lateral |
| SWR_LTR_18307 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_18308 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_18309 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_18310 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_18311 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_18312 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_18313 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_18314 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_18337 | Polyvinyl Chloride | 6 | 10.82 | 0.01 | Lateral |
| SWR_LTR_18338 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_18339 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_18340 | Polyvinyl Chloride | 6 | 14.86 | 0.02 | Lateral |
| SWR_LTR_18341 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_18358 | Polyvinyl Chloride | 6 | 17.71 | 0.02 | Lateral |
| SWR_LTR_18359 | Polyvinyl Chloride | 6 | 7.70 | 0.01 | Lateral |
| SWR_LTR_18360 | Polyvinyl Chloride | 6 | 10.51 | 0.01 | Lateral |
| SWR_LTR_18361 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_18362 | Polyvinyl Chloride | 6 | 9.12 | 0.01 | Lateral |
| SWR_LTR_18363 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_18381 | Polyvinyl Chloride | 6 | 65.19 | 0.07 | Lateral |
| SWR_LTR_18382 | Polyvinyl Chloride | 6 | 68.02 | 0.08 | Lateral |
| SWR_LTR_18383 | Polyvinyl Chloride | 6 | 65.20 | 0.07 | Lateral |
| SWR_LTR_18384 | Polyvinyl Chloride | 6 | 65.21 | 0.07 | Lateral |
| SWR_LTR_18385 | Polyvinyl Chloride | 6 | 65.23 | 0.07 | Lateral |
| SWR_LTR_18386 | Polyvinyl Chloride | 6 | 65.24 | 0.07 | Lateral |
| SWR_LTR_18387 | Polyvinyl Chloride | 6 | 72.55 | 0.08 | Lateral |
| SWR_LTR_18388 | Polyvinyl Chloride | 6 | 71.37 | 0.08 | Lateral |
| SWR_LTR_18389 | Polyvinyl Chloride | 6 | 49.50 | 0.06 | Lateral |
| SWR_LTR_18390 | Polyvinyl Chloride | 6 | 43.48 | 0.05 | Lateral |
| SWR_LTR_18391 | Polyvinyl Chloride | 6 | 27.14 | 0.03 | Lateral |
| SWR_LTR_18392 | Polyvinyl Chloride | 6 | 48.79 | 0.06 | Lateral |
| SWR_LTR_18393 | Polyvinyl Chloride | 6 | 26.63 | 0.03 | Lateral |
| SWR_LTR_18394 | Polyvinyl Chloride | 6 | 17.01 | 0.02 | Lateral |
| SWR_LTR_18395 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_18396 | Polyvinyl Chloride | 6 | 7.04 | 0.01 | Lateral |
| SWR_LTR_18397 | Polyvinyl Chloride | 6 | 7.06 | 0.01 | Lateral |
| SWR_LTR_18398 | Polyvinyl Chloride | 6 | 7.11 | 0.01 | Lateral |
| SWR_LTR_18399 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_18400 | Polyvinyl Chloride | 6 | 5.00 | 0.01 | Lateral |
| SWR_LTR_18401 | Polyvinyl Chloride | 6 | 7.29 | 0.01 | Lateral |
| SWR_LTR_18402 | Polyvinyl Chloride | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_18403 | Polyvinyl Chloride | 6 | 32.53 | 0.04 | Lateral |
| SWR_LTR_18404 | Polyvinyl Chloride | 6 | 35.53 | 0.04 | Lateral |
| SWR_LTR_18405 | Polyvinyl Chloride | 6 | 33.65 | 0.04 | Lateral |
| SWR_LTR_18406 | Polyvinyl Chloride | 6 | 31.57 | 0.04 | Lateral |
| SWR_LTR_18407 | Polyvinyl Chloride | 6 | 35.35 | 0.04 | Lateral |
| SWR_LTR_18408 | Polyvinyl Chloride | 6 | 7.98 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18409 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_18410 | Polyvinyl Chloride | 6 | 3.10 | 0.004 | Lateral |
| SWR_LTR_18411 | Polyvinyl Chloride | 6 | 3.13 | 0.004 | Lateral |
| SWR_LTR_18412 | Polyvinyl Chloride | 6 | 3.18 | 0.004 | Lateral |
| SWR_LTR_18413 | Polyvinyl Chloride | 6 | 3.26 | 0.004 | Lateral |
| SWR_LTR_18414 | Polyvinyl Chloride | 6 | 3.32 | 0.004 | Lateral |
| SWR_LTR_18415 | Polyvinyl Chloride | 6 | 3.45 | 0.004 | Lateral |
| SWR_LTR_18416 | Polyvinyl Chloride | 6 | 3.48 | 0.004 | Lateral |
| SWR_LTR_18417 | Polyvinyl Chloride | 6 | 3.41 | 0.004 | Lateral |
| SWR_LTR_18418 | Polyvinyl Chloride | 6 | 8.02 | 0.01 | Lateral |
| SWR_LTR_18419 | Polyvinyl Chloride | 6 | 50.51 | 0.06 | Lateral |
| SWR_LTR_18420 | Polyvinyl Chloride | 6 | 51.01 | 0.06 | Lateral |
| SWR_LTR_18421 | Polyvinyl Chloride | 6 | 52.51 | 0.06 | Lateral |
| SWR_LTR_18422 | Polyvinyl Chloride | 6 | 43.00 | 0.05 | Lateral |
| SWR_LTR_18423 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_18424 | Polyvinyl Chloride | 6 | 41.49 | 0.05 | Lateral |
| SWR_LTR_18425 | Polyvinyl Chloride | 6 | 41.52 | 0.05 | Lateral |
| SWR_LTR_18426 | Polyvinyl Chloride | 6 | 44.48 | 0.05 | Lateral |
| SWR_LTR_18427 | Polyvinyl Chloride | 6 | 42.01 | 0.05 | Lateral |
| SWR_LTR_18428 | Polyvinyl Chloride | 6 | 39.49 | 0.04 | Lateral |
| SWR_LTR_18429 | Polyvinyl Chloride | 6 | 44.50 | 0.05 | Lateral |
| SWR_LTR_18430 | Polyvinyl Chloride | 6 | 42.00 | 0.05 | Lateral |
| SWR_LTR_18431 | Polyvinyl Chloride | 6 | 9.61 | 0.01 | Lateral |
| SWR_LTR_18432 | Polyvinyl Chloride | 6 | 11.63 | 0.01 | Lateral |
| SWR_LTR_18433 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_1873 | Polyvinyl Chloride | 6 | 11.27 | 0.01 | Lateral |
| SWR_LTR_18946 | Unknown | 6 | 1.50 | 0.002 | Lateral |
| SWR_LTR_18947 | Unknown | 6 | 17.58 | 0.02 | Lateral |
| SWR_LTR_18949 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_18950 | Polyvinyl Chloride | 6 | 19.76 | 0.02 | Lateral |
| SWR_LTR_18951 | Polyvinyl Chloride | 8 | 19.72 | 0.03 | Lateral |
| SWR_LTR_19186 | Polyvinyl Chloride | 6 | 17.29 | 0.02 | Lateral |
| SWR_LTR_19187 | Polyvinyl Chloride | 6 | 18.33 | 0.02 | Lateral |
| SWR_LTR_19188 | Polyvinyl Chloride | 6 | 19.68 | 0.02 | Lateral |
| SWR_LTR_19189 | Polyvinyl Chloride | 6 | 19.51 | 0.02 | Lateral |
| SWR_LTR_19190 | Polyvinyl Chloride | 6 | 18.15 | 0.02 | Lateral |
| SWR_LTR_19191 | Polyvinyl Chloride | 6 | 19.69 | 0.02 | Lateral |
| SWR_LTR_19192 | Polyvinyl Chloride | 6 | 14.82 | 0.02 | Lateral |
| SWR_LTR_19193 | Polyvinyl Chloride | 6 | 18.06 | 0.02 | Lateral |
| SWR_LTR_19194 | Polyvinyl Chloride | 6 | 17.94 | 0.02 | Lateral |
| SWR_LTR_19195 | Polyvinyl Chloride | 6 | 16.06 | 0.02 | Lateral |
| SWR_LTR_19196 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_19197 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_19198 | Polyvinyl Chloride | 6 | 17.68 | 0.02 | Lateral |
| SWR_LTR_19199 | Polyvinyl Chloride | 6 | 17.56 | 0.02 | Lateral |
| SWR_LTR_19200 | Polyvinyl Chloride | 6 | 18.06 | 0.02 | Lateral |
| SWR_LTR_19224 | Polyvinyl Chloride | 6 | 9.37 | 0.01 | Lateral |
| SWR_LTR_19225 | Polyvinyl Chloride | 6 | 7.83 | 0.01 | Lateral |
| SWR_LTR_1973 | Cast Iron | 4 | 7.68 | 0.01 | Lateral |
| SWR_LTR_1975 | Polyvinyl Chloride | 6 | 9.95 | 0.01 | Lateral |
| SWR_LTR_2108 | Polyvinyl Chloride | 18 | 80.98 | 0.28 | Lateral |
| SWR_LTR_2124 | Polyvinyl Chloride | 6 | 13.72 | 0.02 | Lateral |
| SWR_LTR_2266 | Other | 8 | 70.03 | 0.11 | Lateral |
| SWR_LTR_2267 | Other | 8 | 31.60 | 0.05 | Lateral |
| SWR_LTR_2368 | Polyvinyl Chloride | 6 | 12.32 | 0.01 | Lateral |
| SWR_LTR_2370 | Polyvinyl Chloride | 6 | 5.49 | 0.01 | Lateral |
| SWR_LTR_2389 | Polyvinyl Chloride | 6 | 7.50 | 0.01 | Lateral |
| SWR_LTR_2397 | Polyvinyl Chloride | 6 | 16.90 | 0.02 | Lateral |
| SWR_LTR_2399 | Polyvinyl Chloride | 6 | 17.14 | 0.02 | Lateral |
| SWR_LTR_2400 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2401 | Polyvinyl Chloride | 6 | 6.00 | 0.01 | Lateral |
| SWR_LTR_4217 | Polyvinyl Chloride | 6 | 44.17 | 0.05 | Lateral |
| SWR_LTR_4218 | Polyvinyl Chloride | 6 | 43.32 | 0.05 | Lateral |
| SWR_LTR_4219 | Polyvinyl Chloride | 6 | 43.70 | 0.05 | Lateral |
| SWR_LTR_4221 | Polyvinyl Chloride | 6 | 43.08 | 0.05 | Lateral |
| SWR_LTR_4222 | Polyvinyl Chloride | 6 | 42.37 | 0.05 | Lateral |
| SWR_LTR_4224 | Polyvinyl Chloride | 6 | 45.07 | 0.05 | Lateral |
| SWR_LTR_4226 | Polyvinyl Chloride | 6 | 40.14 | 0.05 | Lateral |
| SWR_LTR_4228 | Polyvinyl Chloride | 6 | 39.42 | 0.04 | Lateral |
| SWR_LTR_4230 | Polyvinyl Chloride | 6 | 47.21 | 0.05 | Lateral |
| SWR_LTR_4232 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_4234 | Polyvinyl Chloride | 6 | 7.19 | 0.01 | Lateral |
| SWR_LTR_4306 | Polyvinyl Chloride | 6 | 36.08 | 0.04 | Lateral |
| SWR_LTR_4307 | Polyvinyl Chloride | 6 | 35.57 | 0.04 | Lateral |
| SWR_LTR_4308 | Polyvinyl Chloride | 6 | 35.58 | 0.04 | Lateral |
| SWR_LTR_4309 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_4310 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_6739 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_6741 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_6743 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_6745 | Polyvinyl Chloride | 6 | 10.90 | 0.01 | Lateral |
| SWR_LTR_6747 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_6749 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_6751 | Polyvinyl Chloride | 8 | 10.36 | 0.02 | Lateral |
| SWR_LTR_6753 | Polyvinyl Chloride | 6 | 7.24 | 0.01 | Lateral |
| SWR_LTR_6755 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_6756 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_7108 | Terra Cotta | 6 | 48.91 | 0.06 | Lateral |
| SWR_LTR_7519 | Polyvinyl Chloride | 6 | 43.30 | 0.05 | Lateral |
| SWR_LTR_7520 | Polyvinyl Chloride | 6 | 43.08 | 0.05 | Lateral |
| SWR_LTR_7575 | Polyvinyl Chloride | 6 | 154.61 | 0.18 | Lateral |
| SWR_LTR_7577 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_7579 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_7582 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_7584 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_7586 | Polyvinyl Chloride | 6 | 37.59 | 0.04 | Lateral |
| SWR_LTR_7588 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_7589 | Polyvinyl Chloride | 6 | 37.24 | 0.04 | Lateral |
| SWR_LTR_7591 | Polyvinyl Chloride | 6 | 37.17 | 0.04 | Lateral |
| SWR_LTR_7593 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_7595 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_7597 | Polyvinyl Chloride | 6 | 48.21 | 0.05 | Lateral |
| SWR_LTR_7599 | Polyvinyl Chloride | 6 | 48.23 | 0.05 | Lateral |
| SWR_LTR_7600 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_7601 | Polyvinyl Chloride | 6 | 7.04 | 0.01 | Lateral |
| SWR_LTR_7602 | Polyvinyl Chloride | 6 | 7.04 | 0.01 | Lateral |
| SWR_LTR_7603 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_7604 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_7605 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_7606 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_7607 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_7608 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_7609 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_7610 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_7612 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_7614 | Polyvinyl Chloride | 6 | 13.02 | 0.01 | Lateral |
| SWR_LTR_7616 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_7618 | Polyvinyl Chloride | 6 | 9.57 | 0.01 | Lateral |
| SWR_LTR_7683 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_7685 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7687 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_7689 | Polyvinyl Chloride | 6 | 39.76 | 0.05 | Lateral |
| SWR_LTR_7690 | Polyvinyl Chloride | 6 | 39.45 | 0.04 | Lateral |
| SWR_LTR_7691 | Terra Cotta | 8 | 8.75 | 0.01 | Lateral |
| SWR_LTR_7692 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_7693 | Polyvinyl Chloride | 6 | 36.27 | 0.04 | Lateral |
| SWR_LTR_7715 | Polyvinyl Chloride | 6 | 142.63 | 0.16 | Lateral |
| SWR_LTR_7718 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_7739 | Polyvinyl Chloride | 6 | 20.25 | 0.02 | Lateral |
| SWR_LTR_8000 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_8011 | Terra Cotta | 6 | 5.69 | 0.01 | Lateral |
| SWR_LTR_8013 | Terra Cotta | 6 | 6.51 | 0.01 | Lateral |
| SWR_LTR_8027 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_8030 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_8031 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_8032 | Terra Cotta | 8 | 34.25 | 0.05 | Lateral |
| SWR_LTR_8033 | Polyvinyl Chloride | 6 | 8.66 | 0.01 | Lateral |
| SWR_LTR_8034 | Polyvinyl Chloride | 6 | 46.13 | 0.05 | Lateral |
| SWR_LTR_8036 | Polyvinyl Chloride | 6 | 48.17 | 0.05 | Lateral |
| SWR_LTR_8191 | Polyvinyl Chloride | 6 | 38.96 | 0.04 | Lateral |
| SWR_LTR_8193 | Polyvinyl Chloride | 6 | 41.41 | 0.05 | Lateral |
| SWR_LTR_8194 | Polyvinyl Chloride | 6 | 46.98 | 0.05 | Lateral |
| SWR_LTR_8244 | Polyvinyl Chloride | 6 | 19.86 | 0.02 | Lateral |
| SWR_LTR_8246 | Polyvinyl Chloride | 6 | 19.87 | 0.02 | Lateral |
| SWR_LTR_8248 | Polyvinyl Chloride | 6 | 5.34 | 0.01 | Lateral |
| SWR_LTR_8249 | Polyvinyl Chloride | 6 | 5.38 | 0.01 | Lateral |
| SWR_LTR_8250 | Polyvinyl Chloride | 6 | 5.35 | 0.01 | Lateral |
| SWR_LTR_8251 | Polyvinyl Chloride | 6 | 5.37 | 0.01 | Lateral |
| SWR_LTR_8253 | Polyvinyl Chloride | 6 | 5.37 | 0.01 | Lateral |
| SWR_LTR_8255 | Polyvinyl Chloride | 6 | 5.37 | 0.01 | Lateral |
| SWR_LTR_8256 | Polyvinyl Chloride | 6 | 5.31 | 0.01 | Lateral |
| SWR_LTR_8258 | Polyvinyl Chloride | 6 | 5.28 | 0.01 | Lateral |
| SWR_LTR_8259 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_8260 | Polyvinyl Chloride | 6 | 5.27 | 0.01 | Lateral |
| SWR_LTR_8261 | Polyvinyl Chloride | 6 | 5.27 | 0.01 | Lateral |
| SWR_LTR_8262 | Polyvinyl Chloride | 6 | 5.26 | 0.01 | Lateral |
| SWR_LTR_8263 | Polyvinyl Chloride | 6 | 5.29 | 0.01 | Lateral |
| SWR_LTR_8264 | Polyvinyl Chloride | 6 | 10.28 | 0.01 | Lateral |
| SWR_LTR_8265 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_8266 | Polyvinyl Chloride | 6 | 5.29 | 0.01 | Lateral |
| SWR_LTR_8267 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_8268 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_8269 | Polyvinyl Chloride | 6 | 5.31 | 0.01 | Lateral |
| SWR_LTR_8271 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_8273 | Polyvinyl Chloride | 6 | 81.19 | 0.09 | Lateral |
| SWR_LTR_8275 | Polyvinyl Chloride | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_8277 | Polyvinyl Chloride | 6 | 41.54 | 0.05 | Lateral |
| SWR_LTR_8464 | Terra Cotta | 8 | 19.36 | 0.03 | Lateral |
| SWR_LTR_9496 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_9497 | Polyvinyl Chloride | 6 | 48.36 | 0.05 | Lateral |
| SWR_LTR_9498 | Polyvinyl Chloride | 6 | 47.00 | 0.05 | Lateral |
| SWR_LTR_9499 | Polyvinyl Chloride | 6 | 47.52 | 0.05 | Lateral |
| SWR_LTR_9500 | Polyvinyl Chloride | 6 | 5.77 | 0.01 | Lateral |
| SWR_LTR_9501 | Polyvinyl Chloride | 6 | 7.63 | 0.01 | Lateral |
| SWR_LTR_9502 | Polyvinyl Chloride | 6 | 6.33 | 0.01 | Lateral |
| SWR_LTR_9503 | Polyvinyl Chloride | 6 | 5.96 | 0.01 | Lateral |
| SWR_LTR_9504 | Polyvinyl Chloride | 6 | 5.54 | 0.01 | Lateral |
| SWR_LTR_9505 | Polyvinyl Chloride | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_9506 | Polyvinyl Chloride | 6 | 46.04 | 0.05 | Lateral |
| SWR_LTR_9507 | Polyvinyl Chloride | 6 | 47.55 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9508 | Polyvinyl Chloride | 6 | 49.01 | 0.06 | Lateral |
| SWR_LTR_9509 | Polyvinyl Chloride | 6 | 45.07 | 0.05 | Lateral |
| SWR_LTR_9510 | Polyvinyl Chloride | 6 | 55.99 | 0.06 | Lateral |
| SWR_LTR_9511 | Polyvinyl Chloride | 6 | 46.03 | 0.05 | Lateral |
| SWR_LTR_9512 | Polyvinyl Chloride | 6 | 51.28 | 0.06 | Lateral |
| SWR_LTR_9513 | Polyvinyl Chloride | 6 | 46.59 | 0.05 | Lateral |
| SWR_LTR_9514 | Polyvinyl Chloride | 6 | 66.65 | 0.08 | Lateral |
| SWR_LTR_9515 | Polyvinyl Chloride | 6 | 43.35 | 0.05 | Lateral |
| SWR_LTR_9516 | Polyvinyl Chloride | 6 | 68.34 | 0.08 | Lateral |
| SWR_LTR_9517 | Terra Cotta | 6 | 60.54 | 0.07 | Lateral |
| SWR_LTR_9518 | Polyvinyl Chloride | 6 | 10.27 | 0.01 | Lateral |
| SWR_LTR_9519 | Polyvinyl Chloride | 6 | 9.33 | 0.01 | Lateral |
| SWR_LTR_9520 | Polyvinyl Chloride | 6 | 9.34 | 0.01 | Lateral |
| SWR_LTR_9521 | Polyvinyl Chloride | 6 | 9.77 | 0.01 | Lateral |
| SWR_LTR_9600 | Polyvinyl Chloride | 6 | 54.53 | 0.06 | Lateral |
| SWR_LTR_9601 | Polyvinyl Chloride | 6 | 54.57 | 0.06 | Lateral |
| SWR_LTR_9602 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_9603 | Polyvinyl Chloride | 6 | 53.63 | 0.06 | Lateral |
| SWR_LTR_9604 | Polyvinyl Chloride | 6 | 14.32 | 0.02 | Lateral |
| SWR_LTR_9605 | Polyvinyl Chloride | 6 | 31.26 | 0.04 | Lateral |
| SWR_LTR_9606 | Polyvinyl Chloride | 6 | 15.77 | 0.02 | Lateral |
| SWR_LTR_9607 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_9608 | Polyvinyl Chloride | 6 | 10.57 | 0.01 | Lateral |
| SWR_LTR_9609 | Polyvinyl Chloride | 6 | 9.84 | 0.01 | Lateral |
| SWR_LTR_9610 | Polyvinyl Chloride | 6 | 22.49 | 0.03 | Lateral |
| SWR_LTR_9611 | Polyvinyl Chloride | 6 | 12.72 | 0.01 | Lateral |
| SWR_LTR_9612 | Polyvinyl Chloride | 6 | 12.93 | 0.01 | Lateral |
| SWR_LTR_9613 | Polyvinyl Chloride | 6 | 22.67 | 0.03 | Lateral |
| SWR_LTR_9614 | Polyvinyl Chloride | 6 | 21.68 | 0.02 | Lateral |
| SWR_LTR_9615 | Polyvinyl Chloride | 6 | 9.76 | 0.01 | Lateral |
| SWR_LTR_9616 | Polyvinyl Chloride | 6 | 15.33 | 0.02 | Lateral |
| SWR_LTR_9634 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_9636 | Polyvinyl Chloride | 8 | 15.05 | 0.02 | Lateral |
| SWR_LTR_9638 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_9640 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_9642 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_9644 | Polyvinyl Chloride | 6 | 13.05 | 0.01 | Lateral |
| SWR_LTR_9646 | Polyvinyl Chloride | 6 | 13.08 | 0.01 | Lateral |
| SWR_LTR_9648 | Polyvinyl Chloride | 6 | 13.13 | 0.01 | Lateral |
| SWR_LTR_9650 | Polyvinyl Chloride | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_9652 | Polyvinyl Chloride | 6 | 7.42 | 0.01 | Lateral |
| SWR_LTR_9654 | Polyvinyl Chloride | 6 | 7.64 | 0.01 | Lateral |
| SWR_LTR_9662 | Polyvinyl Chloride | 6 | 14.30 | 0.02 | Lateral |
| SWR_LTR_9663 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_9664 | Polyvinyl Chloride | 6 | 16.97 | 0.02 | Lateral |
| SWR_LTR_9665 | Polyvinyl Chloride | 6 | 18.51 | 0.02 | Lateral |
| SWR_LTR_9666 | Polyvinyl Chloride | 6 | 15.06 | 0.02 | Lateral |
| SWR_LTR_9667 | Polyvinyl Chloride | 6 | 9.38 | 0.01 | Lateral |
| SWR_LTR_9668 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_9669 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_9670 | Polyvinyl Chloride | 6 | 16.39 | 0.02 | Lateral |
| SWR_LTR_9671 | Polyvinyl Chloride | 6 | 9.04 | 0.01 | Lateral |
| SWR_LTR_9672 | Polyvinyl Chloride | 6 | 13.94 | 0.02 | Lateral |
| SWR_LTR_9673 | Polyvinyl Chloride | 6 | 9.80 | 0.01 | Lateral |
| SWR_LTR_9674 | Polyvinyl Chloride | 6 | 9.64 | 0.01 | Lateral |
| SWR_LTR_9675 | Polyvinyl Chloride | 8 | 10.12 | 0.02 | Lateral |
| SWR_LTR_9676 | Polyvinyl Chloride | 6 | 10.02 | 0.01 | Lateral |
| SWR_LTR_9677 | Polyvinyl Chloride | 6 | 15.46 | 0.02 | Lateral |
| SWR_LTR_9678 | Polyvinyl Chloride | 6 | 9.95 | 0.01 | Lateral |
| SWR_LTR_9679 | Polyvinyl Chloride | 6 | 36.40 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 1C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9680 | Polyvinyl Chloride | 6 | 36.77 | 0.04 | Lateral |
| SWR_LTR_9681 | Polyvinyl Chloride | 6 | 35.64 | 0.04 | Lateral |
| SWR_LTR_9682 | Polyvinyl Chloride | 6 | 4.02 | 0.005 | Lateral |
| SWR_LTR_9683 | Polyvinyl Chloride | 6 | 4.61 | 0.01 | Lateral |
| SWR_LTR_9684 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_9685 | Polyvinyl Chloride | 6 | 35.50 | 0.04 | Lateral |
| SWR_LTR_9686 | Polyvinyl Chloride | 6 | 5.04 | 0.01 | Lateral |
| SWR_LTR_9687 | Polyvinyl Chloride | 6 | 37.50 | 0.04 | Lateral |
| SWR_LTR_9688 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_9689 | Polyvinyl Chloride | 6 | 37.72 | 0.04 | Lateral |
| SWR_LTR_9690 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_9691 | Polyvinyl Chloride | 6 | 37.60 | 0.04 | Lateral |
| SWR_LTR_9692 | Polyvinyl Chloride | 6 | 37.13 | 0.04 | Lateral |
| SWR_LTR_9693 | Polyvinyl Chloride | 6 | 10.68 | 0.01 | Lateral |
| SWR_LTR_9694 | Polyvinyl Chloride | 6 | 15.98 | 0.02 | Lateral |
| SWR_LTR_9695 | Polyvinyl Chloride | 6 | 11.10 | 0.01 | Lateral |
| SWR_LTR_9697 | Polyvinyl Chloride | 6 | 11.52 | 0.01 | Lateral |
| SWR_LTR_9699 | Polyvinyl Chloride | 6 | 11.95 | 0.01 | Lateral |
| SWR_LTR_9701 | Polyvinyl Chloride | 6 | 12.40 | 0.01 | Lateral |
| SWR_LTR_9703 | Polyvinyl Chloride | 6 | 14.12 | 0.02 | Lateral |
| SWR_LTR_9705 | Polyvinyl Chloride | 6 | 15.57 | 0.02 | Lateral |
| SWR_LTR_9707 | Polyvinyl Chloride | 6 | 15.61 | 0.02 | Lateral |
| SWR_LTR_9709 | Polyvinyl Chloride | 6 | 13.32 | 0.02 | Lateral |
| SWR_LTR_9711 | Polyvinyl Chloride | 6 | 14.74 | 0.02 | Lateral |
| SWR_LTR_9713 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_9715 | Polyvinyl Chloride | 6 | 12.60 | 0.01 | Lateral |
| SWR_LTR_9717 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_9719 | Polyvinyl Chloride | 6 | 11.62 | 0.01 | Lateral |
| SWR_LTR_9721 | Polyvinyl Chloride | 6 | 11.59 | 0.01 | Lateral |
| SWR_LTR_9723 | Polyvinyl Chloride | 6 | 12.60 | 0.01 | Lateral |
| SWR_LTR_9725 | Polyvinyl Chloride | 6 | 13.55 | 0.02 | Lateral |
| SWR_LTR_9727 | Polyvinyl Chloride | 6 | 48.56 | 0.06 | Lateral |
| SWR_LTR_9729 | Polyvinyl Chloride | 6 | 26.86 | 0.03 | Lateral |
| SWR_LTR_9731 | Polyvinyl Chloride | 6 | 26.88 | 0.03 | Lateral |
| SWR_LTR_9732 | Polyvinyl Chloride | 6 | 26.85 | 0.03 | Lateral |
| SWR_LTR_9734 | Polyvinyl Chloride | 6 | 48.36 | 0.05 | Lateral |
| SWR_PRS_2209 | Polyvinyl Chloride | 10 | 49.81 | 0.09 | Lateral |
| SWR_PRS_2210 | Polyvinyl Chloride | 10 | 139.52 | 0.26 | Lateral |
| SWR_PRS_2211 | Polyvinyl Chloride | 10 | 37.78 | 0.07 | Lateral |
| SWR_PRS_2214 | Polyvinyl Chloride | 10 | 13.40 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1312 | Concrete (Non-Reinforced) | 8 | 172.47 | 0.26 | Main |
| SWR_GRV_1313 | Concrete (Non-Reinforced) | 8 | 124.47 | 0.19 | Main |
| SWR_GRV_1314 | Concrete (Non-Reinforced) | 8 | 251.92 | 0.38 | Main |
| SWR_GRV_19245 | Terra Cotta | 8 | 4.75 | 0.01 | Main |
| SWR_GRV_19246 | Terra Cotta | 8 | 3.27 | 0.005 | Main |
| SWR_GRV_19247 | Terra Cotta | 8 | 275.18 | 0.42 | Main |
| SWR_GRV_2363 | Terra Cotta | 12 | 17.86 | 0.04 | Main |
| SWR_GRV_2649 | Terra Cotta | 8 | 199.33 | 0.30 | Main |
| SWR_GRV_2651 | Terra Cotta | 8 | 132.26 | 0.20 | Main |
| SWR_GRV_2653 | Terra Cotta | 8 | 90.37 | 0.14 | Main |
| SWR_GRV_2655 | Terra Cotta | 8 | 176.73 | 0.27 | Main |
| SWR_GRV_2657 | Terra Cotta | 8 | 323.95 | 0.49 | Main |
| SWR_GRV_2660 | Terra Cotta | 8 | 322.74 | 0.49 | Main |
| SWR_GRV_2663 | Terra Cotta | 8 | 314.20 | 0.48 | Main |
| SWR_GRV_2672 | Terra Cotta | 8 | 291.16 | 0.44 | Main |
| SWR_GRV_2676 | Terra Cotta | 8 | 300.33 | 0.46 | Main |
| SWR_GRV_2679 | Terra Cotta | 8 | 167.43 | 0.25 | Main |
| SWR_GRV_2682 | Terra Cotta | 8 | 32.64 | 0.05 | Main |
| SWR_GRV_2685 | Terra Cotta | 8 | 20.88 | 0.03 | Main |
| SWR_GRV_2688 | Terra Cotta | 8 | 212.26 | 0.32 | Main |
| SWR_GRV_3455 | Terra Cotta | 8 | 106.56 | 0.16 | Main |
| SWR_GRV_3470 | Terra Cotta | 8 | 282.30 | 0.43 | Main |
| SWR_GRV_3476 | Terra Cotta | 8 | 306.47 | 0.46 | Main |
| SWR_GRV_3478 | Terra Cotta | 8 | 306.35 | 0.46 | Main |
| SWR_GRV_3481 | Terra Cotta | 8 | 174.32 | 0.26 | Main |
| SWR_GRV_3485 | Terra Cotta | 8 | 205.76 | 0.31 | Main |
| SWR_GRV_3490 | Terra Cotta | 8 | 191.24 | 0.29 | Main |
| SWR_GRV_3493 | Terra Cotta | 8 | 156.69 | 0.24 | Main |
| SWR_GRV_3496 | Terra Cotta | 8 | 159.36 | 0.24 | Main |
| SWR_GRV_3499 | Terra Cotta | 8 | 154.64 | 0.23 | Main |
| SWR_GRV_3502 | Terra Cotta | 8 | 131.59 | 0.20 | Main |
| SWR_GRV_3505 | Terra Cotta | 8 | 130.27 | 0.20 | Main |
| SWR_GRV_3508 | Terra Cotta | 8 | 143.92 | 0.22 | Main |
| SWR_GRV_3511 | Terra Cotta | 8 | 224.59 | 0.34 | Main |
| SWR_GRV_4675 | Terra Cotta | 12 | 68.85 | 0.16 | Main |
| SWR_GRV_4677 | Terra Cotta | 10 | 169.86 | 0.32 | Main |
| SWR_GRV_4679 | Terra Cotta | 8 | 278.32 | 0.42 | Main |
| SWR_GRV_4681 | Terra Cotta | 8 | 288.70 | 0.44 | Main |
| SWR_GRV_4683 | Terra Cotta | 8 | 274.63 | 0.42 | Main |
| SWR_GRV_4685 | Terra Cotta | 8 | 250.40 | 0.38 | Main |
| SWR_GRV_4687 | Terra Cotta | 8 | 327.73 | 0.50 | Main |
| SWR_GRV_4689 | Terra Cotta | 8 | 313.89 | 0.48 | Main |
| SWR_GRV_4691 | Terra Cotta | 8 | 240.40 | 0.36 | Main |
| SWR_GRV_4693 | Terra Cotta | 8 | 155.05 | 0.23 | Main |
| SWR_GRV_4695 | Terra Cotta | 8 | 230.76 | 0.35 | Main |
| SWR_GRV_5204 | Terra Cotta | 6 | 31.20 | 0.04 | Main |
| SWR_GRV_5555 | Terra Cotta | 8 | 39.53 | 0.06 | Main |
| SWR_GRV_5557 | Terra Cotta | 8 | 168.43 | 0.26 | Main |
| SWR_GRV_5559 | Terra Cotta | 8 | 170.42 | 0.26 | Main |
| SWR_GRV_5561 | Terra Cotta | 8 | 331.12 | 0.50 | Main |
| SWR_GRV_5563 | Terra Cotta | 8 | 281.99 | 0.43 | Main |
| SWR_GRV_5565 | Terra Cotta | 8 | 221.21 | 0.34 | Main |
| SWR_GRV_5566 | Terra Cotta | 8 | 225.30 | 0.34 | Main |
| SWR_GRV_5568 | Terra Cotta | 8 | 185.99 | 0.28 | Main |
| SWR_GRV_6261 | Terra Cotta | 8 | 162.01 | 0.25 | Main |
| SWR_GRV_6263 | Terra Cotta | 8 | 179.79 | 0.27 | Main |
| SWR_GRV_6265 | Terra Cotta | 8 | 4.24 | 0.01 | Main |
| SWR_GRV_6267 | Terra Cotta | 8 | 253.64 | 0.38 | Main |
| SWR_GRV_6269 | Terra Cotta | 8 | 307.84 | 0.47 | Main |
| SWR_GRV_6271 | Terra Cotta | 6 | 56.11 | 0.06 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_6275 | Terra Cotta | 8 | 70.18 | 0.11 | Main |
| SWR_GRV_6277 | Terra Cotta | 8 | 128.02 | 0.19 | Main |
| SWR_GRV_6279 | Terra Cotta | 10 | 33.88 | 0.06 | Main |
| SWR_GRV_6281 | Terra Cotta | 10 | 220.59 | 0.42 | Main |
| SWR_GRV_6283 | Terra Cotta | 12 | 72.31 | 0.16 | Main |
| SWR_GRV_6285 | Terra Cotta | 12 | 37.51 | 0.09 | Main |
| SWR_GRV_6287 | Terra Cotta | 12 | 51.70 | 0.12 | Main |
| SWR_GRV_6289 | Terra Cotta | 12 | 72.66 | 0.17 | Main |
| SWR_GRV_6292 | Terra Cotta | 12 | 21.91 | 0.05 | Main |
| SWR_GRV_6294 | Terra Cotta | 12 | 43.94 | 0.10 | Main |
| SWR_GRV_6296 | Terra Cotta | 12 | 83.71 | 0.19 | Main |
| SWR_GRV_6298 | Terra Cotta | 6 | 8.00 | 0.01 | Main |
| SWR_GRV_6300 | Terra Cotta | 6 | 216.89 | 0.25 | Main |
| SWR_GRV_6302 | Terra Cotta | 6 | 17.31 | 0.02 | Main |
| SWR_GRV_6304 | Terra Cotta | 8 | 125.70 | 0.19 | Main |
| SWR_GRV_6306 | Terra Cotta | 8 | 50.18 | 0.08 | Main |
| SWR_GRV_6311 | Terra Cotta | 10 | 117.26 | 0.22 | Main |
| SWR_GRV_6313 | Terra Cotta | 10 | 66.00 | 0.13 | Main |
| SWR_GRV_6689 | Terra Cotta | 8 | 277.82 | 0.42 | Main |
| SWR_GRV_6691 | Terra Cotta | 8 | 205.65 | 0.31 | Main |
| SWR_GRV_6693 | Terra Cotta | 8 | 331.87 | 0.50 | Main |
| SWR_GRV_6695 | Terra Cotta | 8 | 331.09 | 0.50 | Main |
| SWR_GRV_6697 | Terra Cotta | 8 | 223.66 | 0.34 | Main |
| SWR_GRV_6699 | Terra Cotta | 8 | 274.62 | 0.42 | Main |
| SWR_GRV_6701 | Terra Cotta | 8 | 195.49 | 0.30 | Main |
| SWR_GRV_6703 | Terra Cotta | 8 | 276.18 | 0.42 | Main |
| SWR_GRV_6705 | Terra Cotta | 8 | 161.10 | 0.24 | Main |
| SWR_GRV_6707 | Terra Cotta | 8 | 153.58 | 0.23 | Main |
| SWR_GRV_6709 | Terra Cotta | 8 | 209.06 | 0.32 | Main |
| SWR_GRV_6711 | Terra Cotta | 8 | 89.44 | 0.14 | Main |
| SWR_GRV_6713 | Terra Cotta | 8 | 231.67 | 0.35 | Main |
| SWR_GRV_6715 | Terra Cotta | 8 | 314.67 | 0.48 | Main |
| SWR_GRV_6732 | Terra Cotta | 8 | 144.89 | 0.22 | Main |
| SWR_GRV_6734 | Terra Cotta | 8 | 276.57 | 0.42 | Main |
| SWR_GRV_6736 | Terra Cotta | 8 | 310.43 | 0.47 | Main |
| SWR_GRV_6738 | Terra Cotta | 8 | 249.69 | 0.38 | Main |
| SWR_GRV_6801 | Terra Cotta | 8 | 22.76 | 0.03 | Main |
| SWR_GRV_6809 | Terra Cotta | 8 | 221.11 | 0.34 | Main |
| SWR_GRV_6811 | Terra Cotta | 8 | 231.40 | 0.35 | Main |
| SWR_GRV_6813 | Terra Cotta | 8 | 26.00 | 0.04 | Main |
| SWR_GRV_6816 | Terra Cotta | 8 | 308.78 | 0.47 | Main |
| SWR_GRV_6818 | Terra Cotta | 8 | 304.94 | 0.46 | Main |
| SWR_GRV_6820 | Terra Cotta | 8 | 302.56 | 0.46 | Main |
| SWR_GRV_6822 | Terra Cotta | 8 | 185.69 | 0.28 | Main |
| SWR_GRV_6824 | Terra Cotta | 8 | 140.10 | 0.21 | Main |
| SWR_GRV_6826 | Terra Cotta | 8 | 109.17 | 0.17 | Main |
| SWR_GRV_6828 | Terra Cotta | 8 | 108.68 | 0.16 | Main |
| SWR_GRV_6830 | Terra Cotta | 8 | 143.46 | 0.22 | Main |
| SWR_GRV_6832 | Terra Cotta | 8 | 102.14 | 0.15 | Main |
| SWR_GRV_6834 | Terra Cotta | 8 | 271.13 | 0.41 | Main |
| SWR_GRV_6836 | Terra Cotta | 8 | 125.77 | 0.19 | Main |
| SWR_GRV_6838 | Terra Cotta | 8 | 94.65 | 0.14 | Main |
| SWR_GRV_6841 | Terra Cotta | 8 | 328.54 | 0.50 | Main |
| SWR_GRV_6843 | Terra Cotta | 8 | 270.32 | 0.41 | Main |
| SWR_GRV_6845 | Terra Cotta | 8 | 5.10 | 0.01 | Main |
| SWR_GRV_6845 | Terra Cotta | 8 | 102.94 | 0.16 | Main |
| SWR_GRV_6847 | Terra Cotta | 8 | 225.05 | 0.34 | Main |
| SWR_GRV_6849 | Terra Cotta | 8 | 227.51 | 0.34 | Main |
| SWR_GRV_6851 | Terra Cotta | 8 | 282.71 | 0.43 | Main |
| SWR_GRV_6852 | Terra Cotta | 8 | 331.33 | 0.50 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_6854 | Terra Cotta | 8 | 174.62 | 0.26 | Main |
| SWR_GRV_6892 | Terra Cotta | 6 | 303.59 | 0.34 | Main |
| SWR_LTR_1068 | Polyvinyl Chloride | 6 | 24.93 | 0.03 | Lateral |
| SWR_LTR_1069 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_13221 | Terra Cotta | 8 | 9.37 | 0.01 | Lateral |
| SWR_LTR_1593 | Polyvinyl Chloride | 6 | 22.19 | 0.03 | Lateral |
| SWR_LTR_17406 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_17407 | Polyvinyl Chloride | 6 | 18.49 | 0.02 | Lateral |
| SWR_LTR_17408 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_17409 | Polyvinyl Chloride | 6 | 18.74 | 0.02 | Lateral |
| SWR_LTR_17410 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_17411 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_17412 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_18536 | Polyvinyl Chloride | 6 | 23.25 | 0.03 | Lateral |
| SWR_LTR_18568 | Other | 6 | 29.06 | 0.03 | Lateral |
| SWR_LTR_18569 | Other | 6 | 38.02 | 0.04 | Lateral |
| SWR_LTR_2352 | Polyvinyl Chloride | 8 | 17.70 | 0.03 | Lateral |
| SWR_LTR_2376 | Polyvinyl Chloride | 6 | 15.00 | 0.02 | Lateral |
| SWR_LTR_4927 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_4928 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_4930 | Polyvinyl Chloride | 6 | 17.98 | 0.02 | Lateral |
| SWR_LTR_4932 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_4933 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_4934 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_4935 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_4937 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_4939 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_4941 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_4943 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_4945 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_4947 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_4949 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_4951 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_4953 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_4955 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_4957 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_4959 | Polyvinyl Chloride | 6 | 20.24 | 0.02 | Lateral |
| SWR_LTR_4961 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_4963 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_4967 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_4969 | Polyvinyl Chloride | 6 | 35.34 | 0.04 | Lateral |
| SWR_LTR_4971 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_4973 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_4975 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_5207 | Polyvinyl Chloride | 6 | 12.87 | 0.01 | Lateral |
| SWR_LTR_5208 | Polyvinyl Chloride | 6 | 11.85 | 0.01 | Lateral |
| SWR_LTR_5209 | Polyvinyl Chloride | 6 | 12.48 | 0.01 | Lateral |
| SWR_LTR_5210 | Polyvinyl Chloride | 6 | 20.73 | 0.02 | Lateral |
| SWR_LTR_5212 | Polyvinyl Chloride | 6 | 31.04 | 0.04 | Lateral |
| SWR_LTR_5213 | Polyvinyl Chloride | 6 | 27.71 | 0.03 | Lateral |
| SWR_LTR_5215 | Polyvinyl Chloride | 6 | 27.77 | 0.03 | Lateral |
| SWR_LTR_5218 | Polyvinyl Chloride | 6 | 25.45 | 0.03 | Lateral |
| SWR_LTR_5219 | Polyvinyl Chloride | 6 | 29.70 | 0.03 | Lateral |
| SWR_LTR_5221 | Polyvinyl Chloride | 6 | 16.78 | 0.02 | Lateral |
| SWR_LTR_5223 | Polyvinyl Chloride | 6 | 18.43 | 0.02 | Lateral |
| SWR_LTR_5225 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_5227 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_5230 | Polyvinyl Chloride | 6 | 17.10 | 0.02 | Lateral |
| SWR_LTR_5232 | Polyvinyl Chloride | 6 | 16.78 | 0.02 | Lateral |
| SWR_LTR_5234 | Polyvinyl Chloride | 6 | 35.41 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5236 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_5238 | Polyvinyl Chloride | 6 | 38.50 | 0.04 | Lateral |
| SWR_LTR_5254 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_5256 | Polyvinyl Chloride | 6 | 28.22 | 0.03 | Lateral |
| SWR_LTR_5258 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_5260 | Polyvinyl Chloride | 6 | 39.72 | 0.05 | Lateral |
| SWR_LTR_5262 | Polyvinyl Chloride | 6 | 22.22 | 0.03 | Lateral |
| SWR_LTR_5264 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_5266 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_5268 | Polyvinyl Chloride | 6 | 36.44 | 0.04 | Lateral |
| SWR_LTR_5270 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_5272 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_5274 | Polyvinyl Chloride | 6 | 47.72 | 0.05 | Lateral |
| SWR_LTR_5276 | Polyvinyl Chloride | 6 | 29.70 | 0.03 | Lateral |
| SWR_LTR_5278 | Polyvinyl Chloride | 6 | 47.70 | 0.05 | Lateral |
| SWR_LTR_5280 | Polyvinyl Chloride | 6 | 47.70 | 0.05 | Lateral |
| SWR_LTR_5282 | Polyvinyl Chloride | 6 | 29.71 | 0.03 | Lateral |
| SWR_LTR_5286 | Polyvinyl Chloride | 6 | 17.99 | 0.02 | Lateral |
| SWR_LTR_5288 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_5290 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_5292 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_5294 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_5296 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_5298 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_5300 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_5302 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_6164 | Polyvinyl Chloride | 6 | 33.18 | 0.04 | Lateral |
| SWR_LTR_6166 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_6167 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_6169 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_6171 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_6173 | Polyvinyl Chloride | 6 | 33.18 | 0.04 | Lateral |
| SWR_LTR_6174 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_6176 | Polyvinyl Chloride | 6 | 36.22 | 0.04 | Lateral |
| SWR_LTR_6177 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_6178 | Polyvinyl Chloride | 6 | 21.60 | 0.02 | Lateral |
| SWR_LTR_6179 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_6180 | Polyvinyl Chloride | 6 | 9.86 | 0.01 | Lateral |
| SWR_LTR_6181 | Polyvinyl Chloride | 8 | 12.99 | 0.02 | Lateral |
| SWR_LTR_6183 | Polyvinyl Chloride | 6 | 11.97 | 0.01 | Lateral |
| SWR_LTR_7628 | Polyvinyl Chloride | 6 | 23.18 | 0.03 | Lateral |
| SWR_LTR_7650 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_7651 | Polyvinyl Chloride | 6 | 11.24 | 0.01 | Lateral |
| SWR_LTR_7653 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_7655 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_7658 | Polyvinyl Chloride | 6 | 22.19 | 0.03 | Lateral |
| SWR_LTR_7661 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_7663 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_8008 | Polyvinyl Chloride | 6 | 18.68 | 0.02 | Lateral |
| SWR_LTR_8010 | Polyvinyl Chloride | 6 | 23.61 | 0.03 | Lateral |
| SWR_LTR_8012 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_8014 | Polyvinyl Chloride | 6 | 18.74 | 0.02 | Lateral |
| SWR_LTR_8021 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_8022 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_8023 | Polyvinyl Chloride | 6 | 37.14 | 0.04 | Lateral |
| SWR_LTR_8024 | Polyvinyl Chloride | 6 | 17.23 | 0.02 | Lateral |
| SWR_LTR_8025 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_8063 | Polyvinyl Chloride | 6 | 20.91 | 0.02 | Lateral |
| SWR_LTR_8064 | Polyvinyl Chloride | 6 | 17.42 | 0.02 | Lateral |
| SWR_LTR_8065 | Polyvinyl Chloride | 6 | 18.66 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8066 | Polyvinyl Chloride | 6 | 15.55 | 0.02 | Lateral |
| SWR_LTR_8067 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_8068 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_8069 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_8070 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_8071 | Polyvinyl Chloride | 6 | 37.96 | 0.04 | Lateral |
| SWR_LTR_8072 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_8073 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_8074 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_8075 | Polyvinyl Chloride | 6 | 18.74 | 0.02 | Lateral |
| SWR_LTR_8076 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_8077 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_8078 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_8079 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_8080 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_8081 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_8082 | Polyvinyl Chloride | 8 | 14.21 | 0.02 | Lateral |
| SWR_LTR_8083 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_8084 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_8085 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_8086 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_8087 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_8088 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_8089 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_8090 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_8161 | Polyvinyl Chloride | 6 | 11.25 | 0.01 | Lateral |
| SWR_LTR_8352 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_8353 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_8354 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_8355 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_8356 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_8357 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_8358 | Polyvinyl Chloride | 6 | 37.00 | 0.04 | Lateral |
| SWR_LTR_8359 | Polyvinyl Chloride | 6 | 37.24 | 0.04 | Lateral |
| SWR_LTR_8360 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_8361 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_8362 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_8363 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_8364 | Polyvinyl Chloride | 6 | 18.74 | 0.02 | Lateral |
| SWR_LTR_8365 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_8366 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_8367 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_8368 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_8369 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_8370 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_8371 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_8372 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_8373 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_8374 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_8375 | Polyvinyl Chloride | 6 | 18.54 | 0.02 | Lateral |
| SWR_LTR_8376 | Polyvinyl Chloride | 6 | 19.23 | 0.02 | Lateral |
| SWR_LTR_8377 | Polyvinyl Chloride | 6 | 26.26 | 0.03 | Lateral |
| SWR_LTR_8378 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_8379 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_8380 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_8381 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_8382 | Polyvinyl Chloride | 6 | 38.70 | 0.04 | Lateral |
| SWR_LTR_8383 | Polyvinyl Chloride | 6 | 34.12 | 0.04 | Lateral |
| SWR_LTR_8384 | Polyvinyl Chloride | 6 | 11.02 | 0.01 | Lateral |
| SWR_LTR_8634 | Polyvinyl Chloride | 4 | 81.05 | 0.06 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8635 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_8636 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_8637 | Polyvinyl Chloride | 8 | 22.71 | 0.03 | Lateral |
| SWR_LTR_8638 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_8639 | Polyvinyl Chloride | 6 | 23.03 | 0.03 | Lateral |
| SWR_LTR_8640 | Polyvinyl Chloride | 6 | 7.31 | 0.01 | Lateral |
| SWR_LTR_8641 | Polyvinyl Chloride | 6 | 28.78 | 0.03 | Lateral |
| SWR_LTR_8643 | Polyvinyl Chloride | 6 | 15.87 | 0.02 | Lateral |
| SWR_LTR_8644 | Polyvinyl Chloride | 6 | 22.04 | 0.03 | Lateral |
| SWR_LTR_8645 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_8646 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_8647 | Polyvinyl Chloride | 12 | 22.13 | 0.05 | Lateral |
| SWR_LTR_8648 | Polyvinyl Chloride | 12 | 18.00 | 0.04 | Lateral |
| SWR_LTR_8649 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_8650 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_8651 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_8652 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_8653 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_8654 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_8655 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_8656 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_8657 | Polyvinyl Chloride | 6 | 18.49 | 0.02 | Lateral |
| SWR_LTR_8658 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_8659 | Polyvinyl Chloride | 6 | 43.18 | 0.05 | Lateral |
| SWR_LTR_8660 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_8661 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_8662 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_8663 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_8664 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_8665 | Polyvinyl Chloride | 6 | 17.98 | 0.02 | Lateral |
| SWR_LTR_8666 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_8667 | Polyvinyl Chloride | 6 | 34.19 | 0.04 | Lateral |
| SWR_LTR_8668 | Polyvinyl Chloride | 6 | 31.23 | 0.04 | Lateral |
| SWR_LTR_8669 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_8670 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_8671 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_8672 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_8673 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_8674 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_8675 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_8676 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_8829 | Polyvinyl Chloride | 6 | 17.53 | 0.02 | Lateral |
| SWR_LTR_8830 | Polyvinyl Chloride | 6 | 31.18 | 0.04 | Lateral |
| SWR_LTR_8831 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_8833 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_8835 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_8836 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_8837 | Polyvinyl Chloride | 6 | 15.74 | 0.02 | Lateral |
| SWR_LTR_8838 | Polyvinyl Chloride | 6 | 28.70 | 0.03 | Lateral |
| SWR_LTR_8840 | Polyvinyl Chloride | 6 | 28.69 | 0.03 | Lateral |
| SWR_LTR_9109 | Polyvinyl Chloride | 6 | 40.41 | 0.05 | Lateral |
| SWR_LTR_9110 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_9111 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_9112 | Polyvinyl Chloride | 6 | 32.26 | 0.04 | Lateral |
| SWR_LTR_9113 | Polyvinyl Chloride | 6 | 32.67 | 0.04 | Lateral |
| SWR_LTR_9114 | Polyvinyl Chloride | 6 | 18.59 | 0.02 | Lateral |
| SWR_LTR_9115 | Polyvinyl Chloride | 6 | 27.64 | 0.03 | Lateral |
| SWR_LTR_9117 | Polyvinyl Chloride | 6 | 18.60 | 0.02 | Lateral |
| SWR_LTR_9118 | Polyvinyl Chloride | 6 | 31.60 | 0.04 | Lateral |
| SWR_LTR_9120 | Polyvinyl Chloride | 6 | 25.26 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9121 | Polyvinyl Chloride | 4 | 15.75 | 0.01 | Lateral |
| SWR_LTR_9122 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_9124 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_9125 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_9126 | Polyvinyl Chloride | 6 | 16.01 | 0.02 | Lateral |
| SWR_LTR_9127 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_9128 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_9130 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_9131 | Polyvinyl Chloride | 6 | 33.97 | 0.04 | Lateral |
| SWR_LTR_9132 | Polyvinyl Chloride | 6 | 1.81 | 0.002 | Lateral |
| SWR_LTR_9158 | Polyvinyl Chloride | 6 | 30.06 | 0.03 | Lateral |
| SWR_LTR_9159 | Polyvinyl Chloride | 6 | 36.69 | 0.04 | Lateral |
| SWR_LTR_9160 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_9210 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_9211 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_9212 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_9213 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_9214 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_9215 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_9216 | Polyvinyl Chloride | 6 | 44.68 | 0.05 | Lateral |
| SWR_LTR_9217 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_9218 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_9219 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_9220 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_9221 | Polyvinyl Chloride | 6 | 26.71 | 0.03 | Lateral |
| SWR_LTR_9222 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_9223 | Polyvinyl Chloride | 6 | 25.70 | 0.03 | Lateral |
| SWR_LTR_9224 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_9225 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_9226 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_9227 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_9228 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_9229 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_9230 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_9231 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9232 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9233 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_9234 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9235 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_9236 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_9237 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_9238 | Polyvinyl Chloride | 6 | 37.24 | 0.04 | Lateral |
| SWR_LTR_9239 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_9240 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_9241 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_9242 | Polyvinyl Chloride | 6 | 18.64 | 0.02 | Lateral |
| SWR_LTR_9243 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9244 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9245 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_9246 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_9247 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_9248 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_9249 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_9250 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_9251 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_9252 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_9253 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_9254 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_9255 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_9256 | Polyvinyl Chloride | 6 | 21.00 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9257 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_9258 | Polyvinyl Chloride | 6 | 36.22 | 0.04 | Lateral |
| SWR_LTR_9259 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_9260 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_9261 | Polyvinyl Chloride | 6 | 20.25 | 0.02 | Lateral |
| SWR_LTR_9262 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_9263 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_9264 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_9265 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_9266 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_9267 | Polyvinyl Chloride | 6 | 41.24 | 0.05 | Lateral |
| SWR_LTR_9268 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_9269 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_9270 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_9271 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_9272 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_9273 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_9274 | Polyvinyl Chloride | 6 | 40.99 | 0.05 | Lateral |
| SWR_LTR_9275 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_9276 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_9277 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_9278 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_9279 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_9280 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_9281 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_9282 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_9283 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_9284 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_9285 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_9286 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_9287 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_9288 | Polyvinyl Chloride | 6 | 28.22 | 0.03 | Lateral |
| SWR_LTR_9289 | Polyvinyl Chloride | 6 | 26.67 | 0.03 | Lateral |
| SWR_LTR_9290 | Polyvinyl Chloride | 6 | 35.69 | 0.04 | Lateral |
| SWR_LTR_9291 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_9292 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_9293 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_9294 | Polyvinyl Chloride | 6 | 36.23 | 0.04 | Lateral |
| SWR_LTR_9295 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_9296 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9297 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_9298 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_9299 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_9300 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9301 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_9302 | Polyvinyl Chloride | 6 | 46.69 | 0.05 | Lateral |
| SWR_LTR_9303 | Polyvinyl Chloride | 6 | 47.23 | 0.05 | Lateral |
| SWR_LTR_9304 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_9305 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_9306 | Polyvinyl Chloride | 6 | 19.37 | 0.02 | Lateral |
| SWR_LTR_9307 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_9308 | Polyvinyl Chloride | 6 | 22.71 | 0.03 | Lateral |
| SWR_LTR_9309 | Polyvinyl Chloride | 6 | 32.40 | 0.04 | Lateral |
| SWR_LTR_9310 | Polyvinyl Chloride | 6 | 34.84 | 0.04 | Lateral |
| SWR_LTR_9311 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_9312 | Polyvinyl Chloride | 6 | 24.80 | 0.03 | Lateral |
| SWR_LTR_9313 | Polyvinyl Chloride | 6 | 24.70 | 0.03 | Lateral |
| SWR_LTR_9314 | Polyvinyl Chloride | 6 | 26.69 | 0.03 | Lateral |
| SWR_LTR_9315 | Polyvinyl Chloride | 6 | 16.01 | 0.02 | Lateral |
| SWR_LTR_9316 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9317 | Polyvinyl Chloride | 6 | 21.72 | 0.02 | Lateral |
| SWR_LTR_9318 | Polyvinyl Chloride | 6 | 18.74 | 0.02 | Lateral |
| SWR_LTR_9319 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9320 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_9321 | Polyvinyl Chloride | 6 | 37.73 | 0.04 | Lateral |
| SWR_LTR_9322 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9323 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9324 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9325 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_9326 | Polyvinyl Chloride | 6 | 18.68 | 0.02 | Lateral |
| SWR_LTR_9327 | Polyvinyl Chloride | 6 | 18.68 | 0.02 | Lateral |
| SWR_LTR_9328 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_9329 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_9330 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9331 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9332 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9333 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_9334 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_9335 | Polyvinyl Chloride | 6 | 6.92 | 0.01 | Lateral |
| SWR_LTR_9336 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_9337 | Polyvinyl Chloride | 6 | 38.08 | 0.04 | Lateral |
| SWR_LTR_9338 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_9339 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_9340 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_9341 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_9342 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_9343 | Polyvinyl Chloride | 6 | 46.71 | 0.05 | Lateral |
| SWR_LTR_9344 | Polyvinyl Chloride | 6 | 51.22 | 0.06 | Lateral |
| SWR_LTR_9345 | Polyvinyl Chloride | 6 | 29.71 | 0.03 | Lateral |
| SWR_LTR_9346 | Polyvinyl Chloride | 6 | 29.71 | 0.03 | Lateral |
| SWR_LTR_9347 | Polyvinyl Chloride | 6 | 28.76 | 0.03 | Lateral |
| SWR_LTR_9348 | Polyvinyl Chloride | 6 | 47.19 | 0.05 | Lateral |
| SWR_LTR_9349 | Polyvinyl Chloride | 6 | 47.19 | 0.05 | Lateral |
| SWR_LTR_9350 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_9351 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_9352 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_9353 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_9354 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9355 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_9356 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9357 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_9358 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_9359 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_9360 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_9361 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_9362 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_9363 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_9364 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_9365 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_9366 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_9367 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_9368 | Polyvinyl Chloride | 6 | 51.22 | 0.06 | Lateral |
| SWR_LTR_9369 | Polyvinyl Chloride | 6 | 47.21 | 0.05 | Lateral |
| SWR_LTR_9370 | Polyvinyl Chloride | 6 | 47.26 | 0.05 | Lateral |
| SWR_LTR_9371 | Polyvinyl Chloride | 6 | 17.14 | 0.02 | Lateral |
| SWR_LTR_9372 | Polyvinyl Chloride | 6 | 14.72 | 0.02 | Lateral |
| SWR_LTR_9373 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_9374 | Polyvinyl Chloride | 6 | 14.75 | 0.02 | Lateral |
| SWR_LTR_9375 | Polyvinyl Chloride | 6 | 19.00 | 0.02 | Lateral |
| SWR_LTR_9376 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 10**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9377 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_9736 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_9738 | Polyvinyl Chloride | 6 | 42.70 | 0.05 | Lateral |
| SWR_LTR_9740 | Polyvinyl Chloride | 6 | 19.99 | 0.02 | Lateral |
| SWR_LTR_9742 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9744 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_9746 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_9748 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9749 | Polyvinyl Chloride | 6 | 4.01 | 0.005 | Lateral |
| SWR_LTR_9751 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_9753 | Polyvinyl Chloride | 6 | 21.01 | 0.02 | Lateral |
| SWR_LTR_9755 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9757 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9759 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_9761 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_9763 | Polyvinyl Chloride | 6 | 36.18 | 0.04 | Lateral |
| SWR_LTR_9765 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_9767 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_9769 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_9771 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_9773 | Polyvinyl Chloride | 6 | 35.41 | 0.04 | Lateral |
| SWR_LTR_9775 | Polyvinyl Chloride | 6 | 19.99 | 0.02 | Lateral |
| SWR_LTR_9777 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_9779 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_9781 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_9784 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_9786 | Polyvinyl Chloride | 6 | 22.99 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1300 | Concrete (Non-Reinforced) | 8 | 208.47 | 0.32 | Main |
| SWR_GRV_1301 | Concrete (Non-Reinforced) | 8 | 123.02 | 0.19 | Main |
| SWR_GRV_1302 | Concrete (Non-Reinforced) | 8 | 130.29 | 0.20 | Main |
| SWR_GRV_1303 | Concrete (Non-Reinforced) | 8 | 241.01 | 0.37 | Main |
| SWR_GRV_1304 | Concrete (Non-Reinforced) | 8 | 300.19 | 0.45 | Main |
| SWR_GRV_1306 | Concrete (Non-Reinforced) | 8 | 55.84 | 0.08 | Main |
| SWR_GRV_1307 | Concrete (Non-Reinforced) | 8 | 174.38 | 0.26 | Main |
| SWR_GRV_1308 | Concrete (Non-Reinforced) | 8 | 118.58 | 0.18 | Main |
| SWR_GRV_1309 | Concrete (Non-Reinforced) | 8 | 18.79 | 0.03 | Main |
| SWR_GRV_1310 | Concrete (Non-Reinforced) | 8 | 51.28 | 0.08 | Main |
| SWR_GRV_1311 | Concrete (Non-Reinforced) | 8 | 158.81 | 0.24 | Main |
| SWR_GRV_1315 | Concrete (Non-Reinforced) | 8 | 203.84 | 0.31 | Main |
| SWR_GRV_1316 | Concrete (Non-Reinforced) | 8 | 236.02 | 0.36 | Main |
| SWR_GRV_1317 | Concrete (Non-Reinforced) | 8 | 252.38 | 0.38 | Main |
| SWR_GRV_1318 | Concrete (Non-Reinforced) | 8 | 198.76 | 0.30 | Main |
| SWR_GRV_1319 | Concrete (Non-Reinforced) | 8 | 87.20 | 0.13 | Main |
| SWR_GRV_1321 | Concrete (Non-Reinforced) | 8 | 107.03 | 0.16 | Main |
| SWR_GRV_1322 | Concrete (Non-Reinforced) | 8 | 165.98 | 0.25 | Main |
| SWR_GRV_18936 | Polyvinyl Chloride | 30 | 173.49 | 0.99 | Main |
| SWR_GRV_18939 | Polyvinyl Chloride | 30 | 112.32 | 0.64 | Main |
| SWR_GRV_2105 | Polyvinyl Chloride | 10 | 169.28 | 0.32 | Main |
| SWR_GRV_2110 | Polyvinyl Chloride | 10 | 82.96 | 0.16 | Main |
| SWR_GRV_2111 | Polyvinyl Chloride | 10 | 239.08 | 0.45 | Main |
| SWR_GRV_2112 | Polyvinyl Chloride | 10 | 349.26 | 0.66 | Main |
| SWR_GRV_2114 | Polyvinyl Chloride | 8 | 133.46 | 0.20 | Main |
| SWR_GRV_2128 | Other | 24 | 108.74 | 0.49 | Main |
| SWR_GRV_2133 | Other | 8 | 69.96 | 0.11 | Main |
| SWR_GRV_2166 | Polyvinyl Chloride | 8 | 175.17 | 0.27 | Main |
| SWR_GRV_2249 | Polyvinyl Chloride | 18 | 48.67 | 0.17 | Main |
| SWR_GRV_2252 | Polyvinyl Chloride | 18 | 67.18 | 0.23 | Main |
| SWR_GRV_2262 | Other | 8 | 195.49 | 0.30 | Main |
| SWR_GRV_2263 | Other | 8 | 42.08 | 0.06 | Main |
| SWR_GRV_2264 | Other | 8 | 82.18 | 0.12 | Main |
| SWR_GRV_2265 | Other | 8 | 35.68 | 0.05 | Main |
| SWR_GRV_2361 | Terra Cotta | 15 | 350.99 | 1.00 | Main |
| SWR_GRV_2453 | Polyvinyl Chloride | 8 | 23.22 | 0.04 | Main |
| SWR_GRV_3913 | Terra Cotta | 8 | 269.33 | 0.41 | Main |
| SWR_GRV_3917 | Polyvinyl Chloride | 8 | 48.45 | 0.07 | Main |
| SWR_GRV_3919 | Terra Cotta | 15 | 22.09 | 0.06 | Main |
| SWR_GRV_3925 | Polyvinyl Chloride | 8 | 28.19 | 0.04 | Main |
| SWR_GRV_3927 | Polyvinyl Chloride | 8 | 15.64 | 0.02 | Main |
| SWR_GRV_4065 | Polyvinyl Chloride | 8 | 200.00 | 0.30 | Main |
| SWR_GRV_4069 | Polyvinyl Chloride | 8 | 70.00 | 0.11 | Main |
| SWR_GRV_4072 | Terra Cotta | 6 | 152.78 | 0.17 | Main |
| SWR_GRV_4075 | Terra Cotta | 6 | 201.39 | 0.23 | Main |
| SWR_GRV_4078 | Polyvinyl Chloride | 8 | 66.50 | 0.10 | Main |
| SWR_GRV_4081 | Polyvinyl Chloride | 15 | 271.83 | 0.77 | Main |
| SWR_GRV_4084 | Polyvinyl Chloride | 16 | 89.17 | 0.27 | Main |
| SWR_GRV_4087 | Polyvinyl Chloride | 18 | 61.54 | 0.21 | Main |
| SWR_GRV_4090 | Polyvinyl Chloride | 16 | 96.82 | 0.29 | Main |
| SWR_GRV_4093 | Polyvinyl Chloride | 16 | 209.75 | 0.64 | Main |
| SWR_GRV_4096 | Polyvinyl Chloride | 16 | 74.85 | 0.23 | Main |
| SWR_GRV_4631 | Polyvinyl Chloride | 24 | 27.87 | 0.13 | Main |
| SWR_GRV_4633 | Polyvinyl Chloride | 30 | 16.98 | 0.10 | Main |
| SWR_GRV_4635 | Terra Cotta | 15 | 129.00 | 0.37 | Main |
| SWR_GRV_4717 | Terra Cotta | 8 | 315.88 | 0.48 | Main |
| SWR_GRV_4723 | Vitrified Clay | 8 | 305.43 | 0.46 | Main |
| SWR_GRV_4727 | Terra Cotta | 8 | 319.44 | 0.48 | Main |
| SWR_GRV_4729 | Terra Cotta | 8 | 319.62 | 0.48 | Main |
| SWR_GRV_4797 | Terra Cotta | 8 | 38.32 | 0.06 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|---------------------------|--------------------------|----------------------|------------|------------------------|
| SWR_GRV_4799 | Terra Cotta | 8 | 289.83 | 0.44 | Main |
| SWR_GRV_4802 | Terra Cotta | 15 | 203.87 | 0.58 | Main |
| SWR_GRV_4804 | Terra Cotta | 8 | 88.00 | 0.13 | Main |
| SWR_GRV_4806 | Terra Cotta | 8 | 55.34 | 0.08 | Main |
| SWR_GRV_4808 | Terra Cotta | 8 | 305.05 | 0.46 | Main |
| SWR_GRV_4810 | Terra Cotta | 15 | 342.44 | 0.97 | Main |
| SWR_GRV_4813 | Terra Cotta | 15 | 301.29 | 0.86 | Main |
| SWR_GRV_4815 | Terra Cotta | 15 | 111.17 | 0.32 | Main |
| SWR_GRV_4817 | Ductile Iron | 24 | 209.94 | 0.95 | Main |
| SWR_GRV_4819 | Polyvinyl Chloride | 15 | 215.24 | 0.61 | Main |
| SWR_GRV_4822 | Polyvinyl Chloride | 16 | 129.65 | 0.39 | Main |
| SWR_GRV_5134 | Polyvinyl Chloride | 16 | 29.68 | 0.09 | Main |
| SWR_GRV_6031 | Terra Cotta | 8 | 150.24 | 0.23 | Main |
| SWR_GRV_6033 | Terra Cotta | 8 | 238.19 | 0.36 | Main |
| SWR_GRV_6035 | Terra Cotta | 12 | 27.25 | 0.06 | Main |
| SWR_GRV_6041 | Terra Cotta | 12 | 89.60 | 0.20 | Main |
| SWR_GRV_6078 | Terra Cotta | 8 | 141.09 | 0.21 | Main |
| SWR_GRV_608 | Concrete (Non-Reinforced) | 15 | 154.55 | 0.44 | Main |
| SWR_GRV_6080 | Polyvinyl Chloride | 30 | 50.57 | 0.29 | Main |
| SWR_GRV_6082 | Polyvinyl Chloride | 30 | 101.73 | 0.58 | Main |
| SWR_GRV_6085 | Terra Cotta | 18 | 229.63 | 0.78 | Main |
| SWR_GRV_6087 | Terra Cotta | 18 | 300.54 | 1.02 | Main |
| SWR_GRV_6089 | Terra Cotta | 18 | 398.26 | 1.36 | Main |
| SWR_GRV_609 | Concrete (Non-Reinforced) | 15 | 158.75 | 0.45 | Main |
| SWR_GRV_6091 | Terra Cotta | 24 | 49.91 | 0.23 | Main |
| SWR_GRV_6093 | Terra Cotta | 15 | 300.93 | 0.85 | Main |
| SWR_GRV_6095 | Polyvinyl Chloride | 30 | 44.39 | 0.25 | Main |
| SWR_GRV_6165 | Polyvinyl Chloride | 8 | 84.74 | 0.13 | Main |
| SWR_GRV_6168 | Polyvinyl Chloride | 8 | 47.18 | 0.07 | Main |
| SWR_GRV_6170 | Polyvinyl Chloride | 8 | 322.59 | 0.49 | Main |
| SWR_GRV_6172 | Polyvinyl Chloride | 8 | 282.14 | 0.43 | Main |
| SWR_GRV_6175 | Vitrified Clay | 8 | 153.88 | 0.23 | Main |
| SWR_GRV_6188 | Terra Cotta | 8 | 361.94 | 0.55 | Main |
| SWR_GRV_6190 | Other | 8 | 65.10 | 0.10 | Main |
| SWR_GRV_6192 | Terra Cotta | 8 | 222.15 | 0.34 | Main |
| SWR_GRV_6198 | Terra Cotta | 8 | 125.87 | 0.19 | Main |
| SWR_GRV_6200 | Polyvinyl Chloride | 24 | 283.61 | 1.29 | Main |
| SWR_GRV_6202 | Polyvinyl Chloride | 30 | 184.18 | 1.05 | Main |
| SWR_GRV_6204 | Polyvinyl Chloride | 30 | 188.56 | 1.07 | Main |
| SWR_GRV_6206 | Polyvinyl Chloride | 24 | 31.55 | 0.14 | Main |
| SWR_GRV_6212 | Terra Cotta | 6 | 364.00 | 0.41 | Main |
| SWR_GRV_6214 | Polyvinyl Chloride | 8 | 67.66 | 0.10 | Main |
| SWR_GRV_6216 | Polyvinyl Chloride | 24 | 20.87 | 0.09 | Main |
| SWR_GRV_6218 | Polyvinyl Chloride | 24 | 15.48 | 0.07 | Main |
| SWR_GRV_6220 | Terra Cotta | 8 | 59.87 | 0.09 | Main |
| SWR_GRV_6224 | Polyvinyl Chloride | 24 | 289.98 | 1.32 | Main |
| SWR_GRV_6226 | Polyvinyl Chloride | 24 | 260.82 | 1.19 | Main |
| SWR_GRV_6228 | Terra Cotta | 8 | 287.25 | 0.44 | Main |
| SWR_GRV_6231 | Polyvinyl Chloride | 8 | 52.48 | 0.08 | Main |
| SWR_GRV_6318 | Terra Cotta | 8 | 603.61 | 0.91 | Main |
| SWR_GRV_6319 | Terra Cotta | 8 | 390.23 | 0.59 | Main |
| SWR_GRV_6322 | Vitrified Clay | 8 | 198.46 | 0.30 | Main |
| SWR_GRV_6327 | Terra Cotta | 8 | 54.55 | 0.08 | Main |
| SWR_GRV_6329 | Terra Cotta | 8 | 67.07 | 0.10 | Main |
| SWR_GRV_6331 | Terra Cotta | 8 | 179.69 | 0.27 | Main |
| SWR_GRV_6333 | Terra Cotta | 8 | 313.88 | 0.48 | Main |
| SWR_GRV_8288 | Polyvinyl Chloride | 16 | 17.94 | 0.05 | Main |
| SWR_GRV_8290 | Polyvinyl Chloride | 16 | 75.72 | 0.23 | Main |
| SWR_GRV_8292 | Polyvinyl Chloride | 16 | 85.59 | 0.26 | Main |
| SWR_GRV_8294 | Polyvinyl Chloride | 16 | 37.82 | 0.11 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_8296 | Polyvinyl Chloride | 16 | 167.90 | 0.51 | Main |
| SWR_GRV_8318 | Polyvinyl Chloride | 8 | 245.88 | 0.37 | Main |
| SWR_GRV_8320 | Polyvinyl Chloride | 8 | 27.08 | 0.04 | Main |
| SWR_GRV_8322 | Polyvinyl Chloride | 8 | 44.53 | 0.07 | Main |
| SWR_GRV_8324 | Polyvinyl Chloride | 8 | 169.45 | 0.26 | Main |
| SWR_GRV_8326 | Polyvinyl Chloride | 8 | 122.60 | 0.19 | Main |
| SWR_GRV_8328 | Polyvinyl Chloride | 8 | 21.94 | 0.03 | Main |
| SWR_GRV_8334 | Polyvinyl Chloride | 8 | 111.48 | 0.17 | Main |
| SWR_GRV_855 | Concrete (Non-Reinforced) | 15 | 0.58 | 0.002 | Main |
| SWR_GRV_8767 | Terra Cotta | 15 | 87.23 | 0.25 | Main |
| SWR_GRV_8843 | Terra Cotta | 8 | 137.00 | 0.21 | Main |
| SWR_GRV_8845 | Terra Cotta | 18 | 148.00 | 0.50 | Main |
| SWR_GRV_8852 | Terra Cotta | 18 | 111.81 | 0.38 | Main |
| SWR_GRV_8876 | Terra Cotta | 8 | 18.52 | 0.03 | Main |
| SWR_GRV_8883 | Terra Cotta | 6 | 132.00 | 0.15 | Main |
| SWR_GRV_9174 | Other | 24 | 14.91 | 0.07 | Main |
| SWR_GRV_921 | Concrete (Non-Reinforced) | 8 | 329.55 | 0.50 | Main |
| SWR_GRV_922 | Concrete (Non-Reinforced) | 8 | 43.33 | 0.07 | Main |
| SWR_GRV_923 | Concrete (Non-Reinforced) | 8 | 43.81 | 0.07 | Main |
| SWR_GRV_924 | Concrete (Non-Reinforced) | 8 | 310.04 | 0.47 | Main |
| SWR_GRV_925 | Concrete (Non-Reinforced) | 8 | 56.56 | 0.09 | Main |
| SWR_GRV_94 | Concrete (Non-Reinforced) | 15 | 311.67 | 0.89 | Main |
| SWR_GRV_970 | Concrete (Non-Reinforced) | 15 | 250.93 | 0.71 | Main |
| SWR_GRV_972 | Concrete (Non-Reinforced) | 8 | 359.29 | 0.54 | Main |
| SWR_GRV_9976 | Other | 24 | 14.92 | 0.07 | Main |
| SWR_GRV_2106 | Polyvinyl Chloride | 18 | 6.43 | 0.02 | Lateral |
| SWR_GRV_2115 | Polyvinyl Chloride | 8 | 32.79 | 0.05 | Lateral |
| SWR_GRV_2386 | Other | 6 | 4.86 | 0.01 | Lateral |
| SWR_GRV_2577 | Other | 6 | 5.48 | 0.01 | Lateral |
| SWR_GRV_8959 | Other | 6 | 5.94 | 0.01 | Lateral |
| SWR_GRV_8961 | Other | 6 | 5.92 | 0.01 | Lateral |
| SWR_GRV_8964 | Other | 6 | 5.90 | 0.01 | Lateral |
| SWR_GRV_8966 | Other | 6 | 5.90 | 0.01 | Lateral |
| SWR_GRV_8969 | Other | 6 | 28.51 | 0.03 | Lateral |
| SWR_GRV_8976 | Other | 6 | 6.10 | 0.01 | Lateral |
| SWR_GRV_8978 | Other | 6 | 5.67 | 0.01 | Lateral |
| SWR_GRV_8984 | Other | 6 | 30.16 | 0.03 | Lateral |
| SWR_GRV_8988 | Other | 6 | 5.38 | 0.01 | Lateral |
| SWR_GRV_8990 | Other | 6 | 5.80 | 0.01 | Lateral |
| SWR_GRV_8992 | Other | 6 | 5.78 | 0.01 | Lateral |
| SWR_GRV_8995 | Other | 6 | 5.25 | 0.01 | Lateral |
| SWR_GRV_8997 | Other | 6 | 5.85 | 0.01 | Lateral |
| SWR_GRV_8999 | Other | 6 | 28.57 | 0.03 | Lateral |
| SWR_GRV_9005 | Other | 6 | 35.61 | 0.04 | Lateral |
| SWR_GRV_9007 | Other | 6 | 30.27 | 0.03 | Lateral |
| SWR_GRV_9013 | Other | 6 | 5.81 | 0.01 | Lateral |
| SWR_GRV_9015 | Other | 6 | 6.64 | 0.01 | Lateral |
| SWR_GRV_9018 | Other | 6 | 5.87 | 0.01 | Lateral |
| SWR_GRV_9021 | Other | 6 | 5.42 | 0.01 | Lateral |
| SWR_GRV_9023 | Other | 6 | 5.54 | 0.01 | Lateral |
| SWR_GRV_9029 | Other | 6 | 29.26 | 0.03 | Lateral |
| SWR_GRV_9031 | Other | 6 | 32.53 | 0.04 | Lateral |
| SWR_GRV_9036 | Other | 6 | 31.52 | 0.04 | Lateral |
| SWR_GRV_9048 | Other | 6 | 6.23 | 0.01 | Lateral |
| SWR_GRV_9050 | Other | 6 | 6.47 | 0.01 | Lateral |
| SWR_GRV_9696 | Other | 6 | 5.94 | 0.01 | Lateral |
| SWR_GRV_9698 | Other | 6 | 5.92 | 0.01 | Lateral |
| SWR_GRV_9700 | Other | 6 | 6.10 | 0.01 | Lateral |
| SWR_GRV_9702 | Other | 6 | 5.90 | 0.01 | Lateral |
| SWR_GRV_9704 | Other | 6 | 5.90 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_9708 | Other | 6 | 28.51 | 0.03 | Lateral |
| SWR_GRV_9710 | Other | 6 | 28.69 | 0.03 | Lateral |
| SWR_GRV_9712 | Other | 6 | 29.74 | 0.03 | Lateral |
| SWR_GRV_9714 | Other | 6 | 28.36 | 0.03 | Lateral |
| SWR_GRV_9718 | Other | 6 | 6.10 | 0.01 | Lateral |
| SWR_GRV_9720 | Other | 6 | 5.67 | 0.01 | Lateral |
| SWR_GRV_9722 | Other | 6 | 6.28 | 0.01 | Lateral |
| SWR_GRV_9724 | Other | 6 | 4.86 | 0.01 | Lateral |
| SWR_GRV_9728 | Other | 6 | 29.22 | 0.03 | Lateral |
| SWR_GRV_9730 | Other | 6 | 30.16 | 0.03 | Lateral |
| SWR_GRV_9733 | Other | 6 | 29.58 | 0.03 | Lateral |
| SWR_GRV_9735 | Other | 6 | 5.39 | 0.01 | Lateral |
| SWR_GRV_9737 | Other | 6 | 5.79 | 0.01 | Lateral |
| SWR_GRV_9739 | Other | 6 | 5.79 | 0.01 | Lateral |
| SWR_GRV_9741 | Other | 6 | 5.40 | 0.01 | Lateral |
| SWR_GRV_9743 | Other | 6 | 5.25 | 0.01 | Lateral |
| SWR_GRV_9745 | Other | 6 | 5.86 | 0.01 | Lateral |
| SWR_GRV_9747 | Other | 6 | 28.57 | 0.03 | Lateral |
| SWR_GRV_9750 | Other | 6 | 30.31 | 0.03 | Lateral |
| SWR_GRV_9752 | Other | 6 | 30.55 | 0.03 | Lateral |
| SWR_GRV_9756 | Other | 6 | 35.61 | 0.04 | Lateral |
| SWR_GRV_9758 | Other | 6 | 30.27 | 0.03 | Lateral |
| SWR_GRV_9760 | Other | 6 | 28.20 | 0.03 | Lateral |
| SWR_GRV_9762 | Other | 6 | 27.94 | 0.03 | Lateral |
| SWR_GRV_9764 | Other | 6 | 28.46 | 0.03 | Lateral |
| SWR_GRV_9766 | Other | 6 | 35.70 | 0.04 | Lateral |
| SWR_GRV_9768 | Other | 6 | 5.81 | 0.01 | Lateral |
| SWR_GRV_9770 | Other | 6 | 6.64 | 0.01 | Lateral |
| SWR_GRV_9772 | Other | 6 | 7.08 | 0.01 | Lateral |
| SWR_GRV_9774 | Other | 6 | 5.87 | 0.01 | Lateral |
| SWR_GRV_9776 | Other | 6 | 7.10 | 0.01 | Lateral |
| SWR_GRV_9778 | Other | 6 | 5.42 | 0.01 | Lateral |
| SWR_GRV_9780 | Other | 6 | 5.54 | 0.01 | Lateral |
| SWR_GRV_9782 | Other | 6 | 6.36 | 0.01 | Lateral |
| SWR_GRV_9785 | Other | 6 | 5.71 | 0.01 | Lateral |
| SWR_GRV_9788 | Other | 6 | 35.55 | 0.04 | Lateral |
| SWR_GRV_9790 | Other | 6 | 29.27 | 0.03 | Lateral |
| SWR_GRV_9792 | Other | 6 | 32.53 | 0.04 | Lateral |
| SWR_GRV_9794 | Other | 6 | 29.44 | 0.03 | Lateral |
| SWR_GRV_9796 | Other | 6 | 28.87 | 0.03 | Lateral |
| SWR_GRV_9798 | Other | 6 | 32.56 | 0.04 | Lateral |
| SWR_GRV_9800 | Other | 6 | 31.52 | 0.04 | Lateral |
| SWR_GRV_9803 | Other | 6 | 29.95 | 0.03 | Lateral |
| SWR_GRV_9805 | Other | 6 | 28.83 | 0.03 | Lateral |
| SWR_GRV_9813 | Other | 6 | 28.91 | 0.03 | Lateral |
| SWR_GRV_9815 | Other | 6 | 6.22 | 0.01 | Lateral |
| SWR_GRV_9817 | Other | 6 | 6.47 | 0.01 | Lateral |
| SWR_GRV_9819 | Other | 6 | 6.85 | 0.01 | Lateral |
| SWR_GRV_9821 | Other | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_10111 | Polyvinyl Chloride | 6 | 29.33 | 0.03 | Lateral |
| SWR_LTR_10112 | Polyvinyl Chloride | 6 | 29.28 | 0.03 | Lateral |
| SWR_LTR_10113 | Polyvinyl Chloride | 6 | 29.34 | 0.03 | Lateral |
| SWR_LTR_10114 | Polyvinyl Chloride | 6 | 29.35 | 0.03 | Lateral |
| SWR_LTR_12930 | Polyvinyl Chloride | 8 | 55.21 | 0.08 | Lateral |
| SWR_LTR_12931 | Polyvinyl Chloride | 6 | 21.42 | 0.02 | Lateral |
| SWR_LTR_12932 | Polyvinyl Chloride | 6 | 19.97 | 0.02 | Lateral |
| SWR_LTR_12933 | Polyvinyl Chloride | 6 | 19.97 | 0.02 | Lateral |
| SWR_LTR_12934 | Polyvinyl Chloride | 6 | 19.98 | 0.02 | Lateral |
| SWR_LTR_12935 | Polyvinyl Chloride | 6 | 19.97 | 0.02 | Lateral |
| SWR_LTR_12936 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12937 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_12938 | Polyvinyl Chloride | 6 | 29.47 | 0.03 | Lateral |
| SWR_LTR_12941 | Polyvinyl Chloride | 6 | 45.77 | 0.05 | Lateral |
| SWR_LTR_12942 | Polyvinyl Chloride | 6 | 45.79 | 0.05 | Lateral |
| SWR_LTR_12943 | Polyvinyl Chloride | 6 | 39.64 | 0.05 | Lateral |
| SWR_LTR_12944 | Polyvinyl Chloride | 6 | 39.64 | 0.05 | Lateral |
| SWR_LTR_13222 | Polyvinyl Chloride | 8 | 10.85 | 0.02 | Lateral |
| SWR_LTR_13528 | Polyvinyl Chloride | 6 | 68.17 | 0.08 | Lateral |
| SWR_LTR_13529 | Polyvinyl Chloride | 6 | 67.81 | 0.08 | Lateral |
| SWR_LTR_13530 | Polyvinyl Chloride | 6 | 67.04 | 0.08 | Lateral |
| SWR_LTR_13531 | Polyvinyl Chloride | 6 | 66.74 | 0.08 | Lateral |
| SWR_LTR_13532 | Polyvinyl Chloride | 6 | 66.98 | 0.08 | Lateral |
| SWR_LTR_13643 | Polyvinyl Chloride | 6 | 32.50 | 0.04 | Lateral |
| SWR_LTR_13690 | Polyvinyl Chloride | 6 | 39.54 | 0.04 | Lateral |
| SWR_LTR_13691 | Polyvinyl Chloride | 6 | 39.54 | 0.04 | Lateral |
| SWR_LTR_13692 | Polyvinyl Chloride | 6 | 39.04 | 0.04 | Lateral |
| SWR_LTR_13693 | Polyvinyl Chloride | 6 | 35.61 | 0.04 | Lateral |
| SWR_LTR_13981 | Polyvinyl Chloride | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_13982 | Polyvinyl Chloride | 6 | 122.00 | 0.14 | Lateral |
| SWR_LTR_13983 | Polyvinyl Chloride | 6 | 2.39 | 0.003 | Lateral |
| SWR_LTR_13984 | Polyvinyl Chloride | 6 | 8.28 | 0.01 | Lateral |
| SWR_LTR_14092 | Polyvinyl Chloride | 6 | 20.57 | 0.02 | Lateral |
| SWR_LTR_14093 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_14223 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_14224 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_14225 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_14226 | Polyvinyl Chloride | 6 | 30.80 | 0.03 | Lateral |
| SWR_LTR_14227 | Polyvinyl Chloride | 6 | 49.25 | 0.06 | Lateral |
| SWR_LTR_14228 | Polyvinyl Chloride | 6 | 41.44 | 0.05 | Lateral |
| SWR_LTR_14229 | Polyvinyl Chloride | 6 | 37.52 | 0.04 | Lateral |
| SWR_LTR_14230 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_14231 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_14232 | Polyvinyl Chloride | 6 | 30.19 | 0.03 | Lateral |
| SWR_LTR_14233 | Polyvinyl Chloride | 6 | 31.64 | 0.04 | Lateral |
| SWR_LTR_14234 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_14235 | Polyvinyl Chloride | 6 | 32.09 | 0.04 | Lateral |
| SWR_LTR_14236 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_14237 | Polyvinyl Chloride | 6 | 30.17 | 0.03 | Lateral |
| SWR_LTR_14244 | Polyvinyl Chloride | 6 | 24.64 | 0.03 | Lateral |
| SWR_LTR_14245 | Polyvinyl Chloride | 6 | 29.32 | 0.03 | Lateral |
| SWR_LTR_14246 | Polyvinyl Chloride | 6 | 28.60 | 0.03 | Lateral |
| SWR_LTR_14247 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_14248 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_14249 | Polyvinyl Chloride | 6 | 29.18 | 0.03 | Lateral |
| SWR_LTR_14250 | Polyvinyl Chloride | 6 | 29.26 | 0.03 | Lateral |
| SWR_LTR_14668 | Polyvinyl Chloride | 6 | 29.01 | 0.03 | Lateral |
| SWR_LTR_14669 | Polyvinyl Chloride | 6 | 24.51 | 0.03 | Lateral |
| SWR_LTR_14670 | Polyvinyl Chloride | 6 | 39.76 | 0.05 | Lateral |
| SWR_LTR_14671 | Polyvinyl Chloride | 6 | 39.73 | 0.05 | Lateral |
| SWR_LTR_14672 | Polyvinyl Chloride | 6 | 39.75 | 0.05 | Lateral |
| SWR_LTR_14673 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_14674 | Polyvinyl Chloride | 6 | 3.88 | 0.004 | Lateral |
| SWR_LTR_14675 | Polyvinyl Chloride | 6 | 39.64 | 0.05 | Lateral |
| SWR_LTR_14676 | Polyvinyl Chloride | 6 | 39.63 | 0.05 | Lateral |
| SWR_LTR_15005 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_15006 | Polyvinyl Chloride | 6 | 35.57 | 0.04 | Lateral |
| SWR_LTR_16628 | Polyvinyl Chloride | 6 | 65.19 | 0.07 | Lateral |
| SWR_LTR_16629 | Polyvinyl Chloride | 6 | 20.82 | 0.02 | Lateral |
| SWR_LTR_16630 | Polyvinyl Chloride | 8 | 65.50 | 0.10 | Lateral |
| SWR_LTR_16631 | Polyvinyl Chloride | 8 | 65.41 | 0.10 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16632 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_16633 | Polyvinyl Chloride | 6 | 19.46 | 0.02 | Lateral |
| SWR_LTR_16634 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_16635 | Polyvinyl Chloride | 6 | 65.20 | 0.07 | Lateral |
| SWR_LTR_16636 | Polyvinyl Chloride | 6 | 35.03 | 0.04 | Lateral |
| SWR_LTR_16637 | Polyvinyl Chloride | 6 | 32.98 | 0.04 | Lateral |
| SWR_LTR_16638 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_16639 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_17055 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_17056 | Polyvinyl Chloride | 6 | 39.14 | 0.04 | Lateral |
| SWR_LTR_17057 | Polyvinyl Chloride | 6 | 39.12 | 0.04 | Lateral |
| SWR_LTR_17058 | Polyvinyl Chloride | 6 | 39.12 | 0.04 | Lateral |
| SWR_LTR_17059 | Polyvinyl Chloride | 6 | 39.14 | 0.04 | Lateral |
| SWR_LTR_17060 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_17061 | Polyvinyl Chloride | 6 | 65.06 | 0.07 | Lateral |
| SWR_LTR_17062 | Polyvinyl Chloride | 8 | 65.71 | 0.10 | Lateral |
| SWR_LTR_17063 | Polyvinyl Chloride | 10 | 65.47 | 0.12 | Lateral |
| SWR_LTR_17064 | Polyvinyl Chloride | 6 | 65.54 | 0.07 | Lateral |
| SWR_LTR_17065 | Polyvinyl Chloride | 6 | 19.84 | 0.02 | Lateral |
| SWR_LTR_17163 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_17164 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_17165 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_17166 | Polyvinyl Chloride | 6 | 26.24 | 0.03 | Lateral |
| SWR_LTR_17167 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_17168 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_17169 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_17170 | Polyvinyl Chloride | 6 | 26.18 | 0.03 | Lateral |
| SWR_LTR_17171 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_17172 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_17197 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_17198 | Polyvinyl Chloride | 6 | 25.24 | 0.03 | Lateral |
| SWR_LTR_17199 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_17200 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_17201 | Polyvinyl Chloride | 6 | 29.30 | 0.03 | Lateral |
| SWR_LTR_17202 | Polyvinyl Chloride | 6 | 28.62 | 0.03 | Lateral |
| SWR_LTR_17203 | Polyvinyl Chloride | 8 | 17.00 | 0.03 | Lateral |
| SWR_LTR_17204 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_17205 | Polyvinyl Chloride | 8 | 21.21 | 0.03 | Lateral |
| SWR_LTR_17206 | Polyvinyl Chloride | 6 | 39.64 | 0.05 | Lateral |
| SWR_LTR_17207 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_17208 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_17209 | Polyvinyl Chloride | 6 | 53.21 | 0.06 | Lateral |
| SWR_LTR_17210 | Polyvinyl Chloride | 6 | 50.55 | 0.06 | Lateral |
| SWR_LTR_17211 | Polyvinyl Chloride | 6 | 48.60 | 0.06 | Lateral |
| SWR_LTR_17212 | Polyvinyl Chloride | 6 | 47.61 | 0.05 | Lateral |
| SWR_LTR_17213 | Polyvinyl Chloride | 6 | 34.69 | 0.04 | Lateral |
| SWR_LTR_17214 | Polyvinyl Chloride | 6 | 36.13 | 0.04 | Lateral |
| SWR_LTR_17215 | Polyvinyl Chloride | 6 | 37.40 | 0.04 | Lateral |
| SWR_LTR_17216 | Polyvinyl Chloride | 6 | 38.56 | 0.04 | Lateral |
| SWR_LTR_17217 | Polyvinyl Chloride | 6 | 32.35 | 0.04 | Lateral |
| SWR_LTR_17218 | Polyvinyl Chloride | 6 | 26.27 | 0.03 | Lateral |
| SWR_LTR_17219 | Polyvinyl Chloride | 6 | 30.16 | 0.03 | Lateral |
| SWR_LTR_17220 | Polyvinyl Chloride | 6 | 31.80 | 0.04 | Lateral |
| SWR_LTR_17221 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_17222 | Polyvinyl Chloride | 6 | 6.20 | 0.01 | Lateral |
| SWR_LTR_17223 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_17224 | Polyvinyl Chloride | 6 | 48.69 | 0.06 | Lateral |
| SWR_LTR_17225 | Polyvinyl Chloride | 6 | 53.03 | 0.06 | Lateral |
| SWR_LTR_17226 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_17227 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17228 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_17229 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_17230 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_17231 | Polyvinyl Chloride | 6 | 29.00 | 0.03 | Lateral |
| SWR_LTR_18562 | Other | 6 | 4.73 | 0.01 | Lateral |
| SWR_LTR_18563 | Other | 6 | 23.70 | 0.03 | Lateral |
| SWR_LTR_19155 | Unknown | 6 | 18.56 | 0.02 | Lateral |
| SWR_LTR_19248 | Other | 8 | 114.93 | 0.17 | Lateral |
| SWR_LTR_2116 | Polyvinyl Chloride | 6 | 12.14 | 0.01 | Lateral |
| SWR_LTR_2117 | Polyvinyl Chloride | 6 | 23.99 | 0.03 | Lateral |
| SWR_LTR_2130 | Other | 8 | 66.06 | 0.10 | Lateral |
| SWR_LTR_2131 | Other | 8 | 78.96 | 0.12 | Lateral |
| SWR_LTR_2144 | Other | 6 | 60.15 | 0.07 | Lateral |
| SWR_LTR_2147 | Other | 4 | 41.43 | 0.03 | Lateral |
| SWR_LTR_2148 | Other | 4 | 38.71 | 0.03 | Lateral |
| SWR_LTR_2154 | Cast Iron | 4 | 30.80 | 0.02 | Lateral |
| SWR_LTR_2155 | Cast Iron | 8 | 25.44 | 0.04 | Lateral |
| SWR_LTR_2156 | Polyvinyl Chloride | 6 | 8.45 | 0.01 | Lateral |
| SWR_LTR_2167 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_2168 | Polyvinyl Chloride | 6 | 4.02 | 0.005 | Lateral |
| SWR_LTR_2204 | Polyvinyl Chloride | 4 | 39.57 | 0.03 | Lateral |
| SWR_LTR_2205 | Polyvinyl Chloride | 4 | 21.31 | 0.02 | Lateral |
| SWR_LTR_2206 | Polyvinyl Chloride | 4 | 32.31 | 0.02 | Lateral |
| SWR_LTR_2207 | Polyvinyl Chloride | 4 | 6.40 | 0.005 | Lateral |
| SWR_LTR_2218 | Other | 6 | 195.53 | 0.22 | Lateral |
| SWR_LTR_2258 | Other | 8 | 179.67 | 0.27 | Lateral |
| SWR_LTR_2259 | Other | 8 | 22.24 | 0.03 | Lateral |
| SWR_LTR_2260 | Other | 8 | 22.13 | 0.03 | Lateral |
| SWR_LTR_2261 | Other | 8 | 56.47 | 0.09 | Lateral |
| SWR_LTR_2369 | Polyvinyl Chloride | 6 | 11.99 | 0.01 | Lateral |
| SWR_LTR_2398 | Polyvinyl Chloride | 8 | 27.93 | 0.04 | Lateral |
| SWR_LTR_2415 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_4274 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_4277 | Polyvinyl Chloride | 6 | 7.90 | 0.01 | Lateral |
| SWR_LTR_4278 | Polyvinyl Chloride | 6 | 7.93 | 0.01 | Lateral |
| SWR_LTR_4279 | Polyvinyl Chloride | 6 | 7.89 | 0.01 | Lateral |
| SWR_LTR_4281 | Polyvinyl Chloride | 6 | 7.92 | 0.01 | Lateral |
| SWR_LTR_4284 | Polyvinyl Chloride | 6 | 7.88 | 0.01 | Lateral |
| SWR_LTR_4287 | Polyvinyl Chloride | 6 | 3.51 | 0.004 | Lateral |
| SWR_LTR_4289 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_4291 | Polyvinyl Chloride | 6 | 39.56 | 0.04 | Lateral |
| SWR_LTR_4292 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_4293 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_4295 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_4296 | Polyvinyl Chloride | 8 | 41.58 | 0.06 | Lateral |
| SWR_LTR_4297 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_4298 | Polyvinyl Chloride | 6 | 35.99 | 0.04 | Lateral |
| SWR_LTR_4300 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_4301 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_4302 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_4303 | Polyvinyl Chloride | 6 | 40.44 | 0.05 | Lateral |
| SWR_LTR_4304 | Polyvinyl Chloride | 6 | 40.42 | 0.05 | Lateral |
| SWR_LTR_4305 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_4321 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_4322 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_4886 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_4887 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_4888 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_4889 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_4890 | Polyvinyl Chloride | 8 | 66.20 | 0.10 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4891 | Polyvinyl Chloride | 8 | 66.21 | 0.10 | Lateral |
| SWR_LTR_4892 | Polyvinyl Chloride | 8 | 34.68 | 0.05 | Lateral |
| SWR_LTR_4893 | Polyvinyl Chloride | 6 | 141.54 | 0.16 | Lateral |
| SWR_LTR_4895 | Polyvinyl Chloride | 6 | 33.06 | 0.04 | Lateral |
| SWR_LTR_4897 | Polyvinyl Chloride | 6 | 33.05 | 0.04 | Lateral |
| SWR_LTR_4898 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_4899 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_4900 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_4901 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_4902 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_4903 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_4905 | Polyvinyl Chloride | 6 | 33.36 | 0.04 | Lateral |
| SWR_LTR_4906 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_4907 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_4909 | Polyvinyl Chloride | 6 | 33.02 | 0.03 | Lateral |
| SWR_LTR_4911 | Polyvinyl Chloride | 4 | 8.34 | 0.01 | Lateral |
| SWR_LTR_4913 | Polyvinyl Chloride | 6 | 8.35 | 0.01 | Lateral |
| SWR_LTR_4914 | Polyvinyl Chloride | 6 | 37.99 | 0.04 | Lateral |
| SWR_LTR_4916 | Polyvinyl Chloride | 6 | 37.99 | 0.04 | Lateral |
| SWR_LTR_4918 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_4920 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_4921 | Polyvinyl Chloride | 6 | 36.37 | 0.04 | Lateral |
| SWR_LTR_4922 | Polyvinyl Chloride | 6 | 36.36 | 0.04 | Lateral |
| SWR_LTR_4923 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_4925 | Polyvinyl Chloride | 6 | 32.87 | 0.04 | Lateral |
| SWR_LTR_5431 | Polyvinyl Chloride | 6 | 51.91 | 0.06 | Lateral |
| SWR_LTR_5432 | Polyvinyl Chloride | 6 | 44.99 | 0.05 | Lateral |
| SWR_LTR_5434 | Polyvinyl Chloride | 6 | 43.43 | 0.05 | Lateral |
| SWR_LTR_5435 | Polyvinyl Chloride | 6 | 45.50 | 0.05 | Lateral |
| SWR_LTR_5436 | Polyvinyl Chloride | 6 | 45.26 | 0.05 | Lateral |
| SWR_LTR_5437 | Polyvinyl Chloride | 6 | 44.46 | 0.05 | Lateral |
| SWR_LTR_5439 | Polyvinyl Chloride | 6 | 45.10 | 0.05 | Lateral |
| SWR_LTR_5441 | Polyvinyl Chloride | 6 | 39.57 | 0.04 | Lateral |
| SWR_LTR_5443 | Polyvinyl Chloride | 6 | 39.58 | 0.04 | Lateral |
| SWR_LTR_5445 | Polyvinyl Chloride | 6 | 39.56 | 0.04 | Lateral |
| SWR_LTR_5446 | Polyvinyl Chloride | 6 | 40.67 | 0.05 | Lateral |
| SWR_LTR_5610 | Polyvinyl Chloride | 6 | 40.26 | 0.05 | Lateral |
| SWR_LTR_5612 | Polyvinyl Chloride | 6 | 50.64 | 0.06 | Lateral |
| SWR_LTR_5613 | Polyvinyl Chloride | 6 | 50.85 | 0.06 | Lateral |
| SWR_LTR_5859 | Polyvinyl Chloride | 6 | 56.69 | 0.06 | Lateral |
| SWR_LTR_5860 | Polyvinyl Chloride | 6 | 51.38 | 0.06 | Lateral |
| SWR_LTR_5861 | Polyvinyl Chloride | 6 | 39.87 | 0.05 | Lateral |
| SWR_LTR_5862 | Polyvinyl Chloride | 6 | 49.44 | 0.06 | Lateral |
| SWR_LTR_5863 | Polyvinyl Chloride | 6 | 49.43 | 0.06 | Lateral |
| SWR_LTR_5864 | Polyvinyl Chloride | 6 | 49.45 | 0.06 | Lateral |
| SWR_LTR_5865 | Polyvinyl Chloride | 6 | 49.47 | 0.06 | Lateral |
| SWR_LTR_6118 | Polyvinyl Chloride | 6 | 33.08 | 0.04 | Lateral |
| SWR_LTR_6119 | Polyvinyl Chloride | 6 | 37.99 | 0.04 | Lateral |
| SWR_LTR_6120 | Polyvinyl Chloride | 6 | 37.87 | 0.04 | Lateral |
| SWR_LTR_6121 | Polyvinyl Chloride | 6 | 37.90 | 0.04 | Lateral |
| SWR_LTR_6123 | Polyvinyl Chloride | 6 | 35.57 | 0.04 | Lateral |
| SWR_LTR_6125 | Polyvinyl Chloride | 6 | 36.37 | 0.04 | Lateral |
| SWR_LTR_6127 | Polyvinyl Chloride | 6 | 36.34 | 0.04 | Lateral |
| SWR_LTR_6129 | Polyvinyl Chloride | 6 | 36.34 | 0.04 | Lateral |
| SWR_LTR_6885 | Polyvinyl Chloride | 6 | 8.25 | 0.01 | Lateral |
| SWR_LTR_6887 | Polyvinyl Chloride | 6 | 3.25 | 0.004 | Lateral |
| SWR_LTR_6889 | Polyvinyl Chloride | 6 | 2.73 | 0.003 | Lateral |
| SWR_LTR_7343 | Polyvinyl Chloride | 6 | 49.43 | 0.06 | Lateral |
| SWR_LTR_7345 | Polyvinyl Chloride | 6 | 51.22 | 0.06 | Lateral |
| SWR_LTR_7347 | Polyvinyl Chloride | 6 | 49.43 | 0.06 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7348 | Polyvinyl Chloride | 6 | 49.44 | 0.06 | Lateral |
| SWR_LTR_7349 | Polyvinyl Chloride | 6 | 49.45 | 0.06 | Lateral |
| SWR_LTR_7351 | Polyvinyl Chloride | 6 | 39.75 | 0.05 | Lateral |
| SWR_LTR_7353 | Polyvinyl Chloride | 6 | 39.88 | 0.05 | Lateral |
| SWR_LTR_7355 | Polyvinyl Chloride | 6 | 40.31 | 0.05 | Lateral |
| SWR_LTR_7357 | Polyvinyl Chloride | 6 | 39.34 | 0.04 | Lateral |
| SWR_LTR_7359 | Polyvinyl Chloride | 6 | 39.34 | 0.04 | Lateral |
| SWR_LTR_7361 | Polyvinyl Chloride | 6 | 39.12 | 0.04 | Lateral |
| SWR_LTR_7364 | Polyvinyl Chloride | 6 | 38.94 | 0.04 | Lateral |
| SWR_LTR_7365 | Polyvinyl Chloride | 6 | 32.23 | 0.04 | Lateral |
| SWR_LTR_7367 | Polyvinyl Chloride | 6 | 28.51 | 0.03 | Lateral |
| SWR_LTR_7369 | Polyvinyl Chloride | 6 | 30.41 | 0.03 | Lateral |
| SWR_LTR_7433 | Polyvinyl Chloride | 6 | 36.69 | 0.04 | Lateral |
| SWR_LTR_7439 | Polyvinyl Chloride | 6 | 28.60 | 0.03 | Lateral |
| SWR_LTR_7472 | Polyvinyl Chloride | 6 | 36.69 | 0.04 | Lateral |
| SWR_LTR_7474 | Polyvinyl Chloride | 6 | 36.71 | 0.04 | Lateral |
| SWR_LTR_7476 | Polyvinyl Chloride | 6 | 36.71 | 0.04 | Lateral |
| SWR_LTR_7477 | Polyvinyl Chloride | 6 | 36.71 | 0.04 | Lateral |
| SWR_LTR_7479 | Polyvinyl Chloride | 6 | 41.71 | 0.05 | Lateral |
| SWR_LTR_7481 | Polyvinyl Chloride | 6 | 41.69 | 0.05 | Lateral |
| SWR_LTR_7483 | Polyvinyl Chloride | 6 | 41.71 | 0.05 | Lateral |
| SWR_LTR_7485 | Polyvinyl Chloride | 6 | 34.98 | 0.04 | Lateral |
| SWR_LTR_7487 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_7489 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_7491 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_7493 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_7495 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_7497 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_7499 | Polyvinyl Chloride | 6 | 35.17 | 0.04 | Lateral |
| SWR_LTR_7501 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_7502 | Polyvinyl Chloride | 4 | 56.23 | 0.04 | Lateral |
| SWR_LTR_7504 | Polyvinyl Chloride | 6 | 49.49 | 0.06 | Lateral |
| SWR_LTR_7506 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_7508 | Polyvinyl Chloride | 8 | 10.00 | 0.02 | Lateral |
| SWR_LTR_7510 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_7511 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_7512 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_7513 | Polyvinyl Chloride | 6 | 8.32 | 0.01 | Lateral |
| SWR_LTR_7514 | Polyvinyl Chloride | 6 | 8.37 | 0.01 | Lateral |
| SWR_LTR_7515 | Polyvinyl Chloride | 6 | 8.34 | 0.01 | Lateral |
| SWR_LTR_7620 | Polyvinyl Chloride | 6 | 41.47 | 0.05 | Lateral |
| SWR_LTR_7622 | Polyvinyl Chloride | 6 | 8.36 | 0.01 | Lateral |
| SWR_LTR_7624 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_7627 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_7629 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_7630 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_7632 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_7634 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_7636 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_7638 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_7640 | Polyvinyl Chloride | 6 | 42.99 | 0.05 | Lateral |
| SWR_LTR_7642 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_7644 | Polyvinyl Chloride | 6 | 42.60 | 0.05 | Lateral |
| SWR_LTR_7645 | Polyvinyl Chloride | 6 | 19.71 | 0.02 | Lateral |
| SWR_LTR_7647 | Polyvinyl Chloride | 6 | 19.69 | 0.02 | Lateral |
| SWR_LTR_7648 | Polyvinyl Chloride | 6 | 19.22 | 0.02 | Lateral |
| SWR_LTR_7649 | Polyvinyl Chloride | 6 | 19.10 | 0.02 | Lateral |
| SWR_LTR_7675 | Polyvinyl Chloride | 6 | 63.14 | 0.07 | Lateral |
| SWR_LTR_7677 | Polyvinyl Chloride | 6 | 63.17 | 0.07 | Lateral |
| SWR_LTR_7679 | Terra Cotta | 6 | 42.27 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7681 | Polyvinyl Chloride | 6 | 41.57 | 0.05 | Lateral |
| SWR_LTR_7707 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_7709 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_7711 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_7713 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_7722 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_7724 | Polyvinyl Chloride | 6 | 35.59 | 0.04 | Lateral |
| SWR_LTR_7726 | Polyvinyl Chloride | 6 | 43.13 | 0.05 | Lateral |
| SWR_LTR_7728 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_7730 | Polyvinyl Chloride | 6 | 35.90 | 0.04 | Lateral |
| SWR_LTR_7732 | Polyvinyl Chloride | 6 | 70.00 | 0.08 | Lateral |
| SWR_LTR_7734 | Polyvinyl Chloride | 6 | 21.34 | 0.02 | Lateral |
| SWR_LTR_7736 | Polyvinyl Chloride | 6 | 22.28 | 0.03 | Lateral |
| SWR_LTR_7738 | Polyvinyl Chloride | 6 | 19.83 | 0.02 | Lateral |
| SWR_LTR_7741 | Polyvinyl Chloride | 6 | 62.92 | 0.07 | Lateral |
| SWR_LTR_8037 | Polyvinyl Chloride | 6 | 30.48 | 0.03 | Lateral |
| SWR_LTR_8038 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_8039 | Polyvinyl Chloride | 6 | 31.92 | 0.04 | Lateral |
| SWR_LTR_8040 | Polyvinyl Chloride | 6 | 44.09 | 0.05 | Lateral |
| SWR_LTR_8041 | Polyvinyl Chloride | 6 | 40.36 | 0.05 | Lateral |
| SWR_LTR_8042 | Polyvinyl Chloride | 6 | 40.38 | 0.05 | Lateral |
| SWR_LTR_8043 | Polyvinyl Chloride | 6 | 39.66 | 0.05 | Lateral |
| SWR_LTR_8044 | Polyvinyl Chloride | 6 | 35.39 | 0.04 | Lateral |
| SWR_LTR_8045 | Polyvinyl Chloride | 6 | 41.12 | 0.05 | Lateral |
| SWR_LTR_8046 | Polyvinyl Chloride | 6 | 35.17 | 0.04 | Lateral |
| SWR_LTR_8114 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_8115 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_8116 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_8117 | Polyvinyl Chloride | 6 | 33.00 | 0.04 | Lateral |
| SWR_LTR_8118 | Polyvinyl Chloride | 6 | 45.00 | 0.05 | Lateral |
| SWR_LTR_8119 | Polyvinyl Chloride | 6 | 43.43 | 0.05 | Lateral |
| SWR_LTR_8120 | Polyvinyl Chloride | 6 | 38.45 | 0.04 | Lateral |
| SWR_LTR_8121 | Polyvinyl Chloride | 6 | 40.75 | 0.05 | Lateral |
| SWR_LTR_8122 | Polyvinyl Chloride | 6 | 38.37 | 0.04 | Lateral |
| SWR_LTR_8123 | Polyvinyl Chloride | 6 | 45.41 | 0.05 | Lateral |
| SWR_LTR_8124 | Polyvinyl Chloride | 6 | 38.05 | 0.04 | Lateral |
| SWR_LTR_8125 | Polyvinyl Chloride | 6 | 31.29 | 0.04 | Lateral |
| SWR_LTR_8126 | Polyvinyl Chloride | 6 | 31.28 | 0.04 | Lateral |
| SWR_LTR_8127 | Polyvinyl Chloride | 6 | 31.07 | 0.04 | Lateral |
| SWR_LTR_8128 | Polyvinyl Chloride | 6 | 31.24 | 0.04 | Lateral |
| SWR_LTR_8129 | Polyvinyl Chloride | 6 | 30.00 | 0.03 | Lateral |
| SWR_LTR_8130 | Polyvinyl Chloride | 6 | 30.49 | 0.03 | Lateral |
| SWR_LTR_8131 | Polyvinyl Chloride | 6 | 5.82 | 0.01 | Lateral |
| SWR_LTR_8132 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_8134 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_8136 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_8138 | Polyvinyl Chloride | 8 | 30.21 | 0.05 | Lateral |
| SWR_LTR_8140 | Polyvinyl Chloride | 6 | 35.69 | 0.04 | Lateral |
| SWR_LTR_8142 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_8144 | Polyvinyl Chloride | 6 | 7.07 | 0.01 | Lateral |
| SWR_LTR_8146 | Polyvinyl Chloride | 6 | 35.54 | 0.04 | Lateral |
| SWR_LTR_8148 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_8150 | Polyvinyl Chloride | 6 | 53.53 | 0.06 | Lateral |
| SWR_LTR_8152 | Polyvinyl Chloride | 6 | 47.74 | 0.05 | Lateral |
| SWR_LTR_8154 | Polyvinyl Chloride | 6 | 47.46 | 0.05 | Lateral |
| SWR_LTR_8156 | Polyvinyl Chloride | 6 | 41.76 | 0.05 | Lateral |
| SWR_LTR_8196 | Polyvinyl Chloride | 8 | 26.49 | 0.04 | Lateral |
| SWR_LTR_8198 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_8200 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_8202 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 11**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8204 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_8206 | Polyvinyl Chloride | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_8207 | Polyvinyl Chloride | 6 | 5.38 | 0.01 | Lateral |
| SWR_LTR_8209 | Polyvinyl Chloride | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_8210 | Polyvinyl Chloride | 6 | 5.42 | 0.01 | Lateral |
| SWR_LTR_8212 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_8214 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_8215 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_8217 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_8219 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_8221 | Polyvinyl Chloride | 6 | 4.08 | 0.005 | Lateral |
| SWR_LTR_8223 | Polyvinyl Chloride | 6 | 4.08 | 0.005 | Lateral |
| SWR_LTR_8225 | Polyvinyl Chloride | 6 | 4.08 | 0.005 | Lateral |
| SWR_LTR_8226 | Polyvinyl Chloride | 6 | 4.03 | 0.005 | Lateral |
| SWR_LTR_8227 | Polyvinyl Chloride | 6 | 4.08 | 0.005 | Lateral |
| SWR_LTR_8229 | Polyvinyl Chloride | 6 | 66.67 | 0.08 | Lateral |
| SWR_LTR_8231 | Polyvinyl Chloride | 6 | 44.79 | 0.05 | Lateral |
| SWR_LTR_8232 | Polyvinyl Chloride | 6 | 38.74 | 0.04 | Lateral |
| SWR_LTR_8234 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_8236 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_8238 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_8240 | Polyvinyl Chloride | 6 | 39.51 | 0.04 | Lateral |
| SWR_LTR_8242 | Polyvinyl Chloride | 6 | 150.62 | 0.17 | Lateral |
| SWR_LTR_8279 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_8280 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_8282 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_8284 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_8286 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_8287 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_8289 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_8297 | Polyvinyl Chloride | 6 | 37.85 | 0.04 | Lateral |
| SWR_LTR_8298 | Polyvinyl Chloride | 8 | 32.67 | 0.05 | Lateral |
| SWR_LTR_8300 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_8302 | Polyvinyl Chloride | 6 | 29.70 | 0.03 | Lateral |
| SWR_LTR_8304 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_8305 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_LTR_8307 | Polyvinyl Chloride | 6 | 39.49 | 0.04 | Lateral |
| SWR_LTR_8309 | Polyvinyl Chloride | 6 | 33.98 | 0.04 | Lateral |
| SWR_LTR_8311 | Polyvinyl Chloride | 6 | 34.02 | 0.04 | Lateral |
| SWR_LTR_8313 | Polyvinyl Chloride | 6 | 33.99 | 0.04 | Lateral |
| SWR_LTR_8315 | Polyvinyl Chloride | 6 | 29.47 | 0.03 | Lateral |
| SWR_LTR_8317 | Polyvinyl Chloride | 6 | 23.76 | 0.03 | Lateral |
| SWR_LTR_8319 | Polyvinyl Chloride | 6 | 29.01 | 0.03 | Lateral |
| SWR_LTR_8321 | Polyvinyl Chloride | 6 | 18.75 | 0.02 | Lateral |
| SWR_LTR_8323 | Polyvinyl Chloride | 6 | 18.75 | 0.02 | Lateral |
| SWR_LTR_8325 | Polyvinyl Chloride | 6 | 18.75 | 0.02 | Lateral |
| SWR_LTR_8327 | Polyvinyl Chloride | 8 | 20.21 | 0.03 | Lateral |
| SWR_LTR_8329 | Polyvinyl Chloride | 6 | 30.06 | 0.03 | Lateral |
| SWR_LTR_8331 | Polyvinyl Chloride | 6 | 37.97 | 0.04 | Lateral |
| SWR_LTR_8333 | Polyvinyl Chloride | 6 | 38.01 | 0.04 | Lateral |
| SWR_LTR_8335 | Polyvinyl Chloride | 6 | 37.94 | 0.04 | Lateral |
| SWR_LTR_8337 | Polyvinyl Chloride | 6 | 38.01 | 0.04 | Lateral |
| SWR_LTR_8385 | Polyvinyl Chloride | 6 | 35.13 | 0.04 | Lateral |
| SWR_LTR_8386 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_8387 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_8874 | Terra Cotta | 8 | 35.76 | 0.05 | Lateral |
| SWR_PRS_18923 | Unknown | 6 | 27.76 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 18**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1115 | Concrete (Non-Reinforced) | 8 | 167.77 | 0.25 | Main |
| SWR_GRV_1118 | Concrete (Non-Reinforced) | 8 | 124.37 | 0.19 | Main |
| SWR_GRV_1119 | Concrete (Non-Reinforced) | 8 | 300.33 | 0.46 | Main |
| SWR_GRV_1120 | Concrete (Non-Reinforced) | 8 | 324.90 | 0.49 | Main |
| SWR_GRV_1121 | Concrete (Non-Reinforced) | 8 | 380.04 | 0.58 | Main |
| SWR_GRV_1122 | Concrete (Non-Reinforced) | 8 | 310.03 | 0.47 | Main |
| SWR_GRV_1123 | Concrete (Non-Reinforced) | 8 | 136.12 | 0.21 | Main |
| SWR_GRV_1124 | Concrete (Non-Reinforced) | 8 | 108.03 | 0.16 | Main |
| SWR_GRV_1125 | Concrete (Non-Reinforced) | 8 | 153.96 | 0.23 | Main |
| SWR_GRV_1126 | Concrete (Non-Reinforced) | 8 | 202.60 | 0.31 | Main |
| SWR_GRV_1127 | Concrete (Non-Reinforced) | 8 | 234.80 | 0.36 | Main |
| SWR_GRV_1128 | Concrete (Non-Reinforced) | 8 | 231.99 | 0.35 | Main |
| SWR_GRV_1129 | Concrete (Non-Reinforced) | 8 | 232.02 | 0.35 | Main |
| SWR_GRV_1130 | Concrete (Non-Reinforced) | 8 | 173.34 | 0.26 | Main |
| SWR_GRV_1131 | Concrete (Non-Reinforced) | 8 | 216.03 | 0.33 | Main |
| SWR_GRV_1132 | Concrete (Non-Reinforced) | 8 | 251.15 | 0.38 | Main |
| SWR_GRV_1540 | Concrete (Non-Reinforced) | 8 | 324.91 | 0.49 | Main |
| SWR_GRV_1541 | Concrete (Non-Reinforced) | 8 | 380.95 | 0.58 | Main |
| SWR_GRV_1542 | Concrete (Non-Reinforced) | 8 | 249.24 | 0.38 | Main |
| SWR_GRV_1543 | Concrete (Non-Reinforced) | 8 | 209.73 | 0.32 | Main |
| SWR_GRV_1544 | Concrete (Non-Reinforced) | 8 | 280.95 | 0.43 | Main |
| SWR_GRV_1751 | Concrete (Non-Reinforced) | 8 | 366.69 | 0.56 | Main |
| SWR_GRV_1752 | Concrete (Non-Reinforced) | 8 | 300.27 | 0.45 | Main |
| SWR_GRV_1753 | Concrete (Non-Reinforced) | 8 | 299.76 | 0.45 | Main |
| SWR_GRV_5150 | Terra Cotta | 8 | 12.89 | 0.02 | Main |
| SWR_GRV_5585 | Terra Cotta | 8 | 152.55 | 0.23 | Main |
| SWR_GRV_694 | Concrete (Non-Reinforced) | 8 | 208.66 | 0.32 | Main |
| SWR_GRV_695 | Concrete (Non-Reinforced) | 8 | 135.35 | 0.21 | Main |
| SWR_GRV_697 | Concrete (Non-Reinforced) | 8 | 170.08 | 0.26 | Main |
| SWR_GRV_698 | Concrete (Non-Reinforced) | 8 | 168.85 | 0.26 | Main |
| SWR_GRV_699 | Concrete (Non-Reinforced) | 8 | 302.26 | 0.46 | Main |
| SWR_LTR_13715 | Polyvinyl Chloride | 6 | 18.03 | 0.02 | Lateral |
| SWR_LTR_13746 | Polyvinyl Chloride | 6 | 21.89 | 0.02 | Lateral |
| SWR_LTR_13747 | Polyvinyl Chloride | 6 | 20.47 | 0.02 | Lateral |
| SWR_LTR_13748 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_13749 | Polyvinyl Chloride | 6 | 21.72 | 0.02 | Lateral |
| SWR_LTR_13750 | Polyvinyl Chloride | 6 | 23.44 | 0.03 | Lateral |
| SWR_LTR_13751 | Polyvinyl Chloride | 6 | 24.97 | 0.03 | Lateral |
| SWR_LTR_13752 | Polyvinyl Chloride | 6 | 21.38 | 0.02 | Lateral |
| SWR_LTR_13753 | Polyvinyl Chloride | 6 | 25.62 | 0.03 | Lateral |
| SWR_LTR_13754 | Polyvinyl Chloride | 6 | 17.08 | 0.02 | Lateral |
| SWR_LTR_13755 | Polyvinyl Chloride | 6 | 9.97 | 0.01 | Lateral |
| SWR_LTR_13756 | Polyvinyl Chloride | 6 | 11.02 | 0.01 | Lateral |
| SWR_LTR_13757 | Polyvinyl Chloride | 6 | 15.58 | 0.02 | Lateral |
| SWR_LTR_13758 | Polyvinyl Chloride | 6 | 15.61 | 0.02 | Lateral |
| SWR_LTR_13759 | Polyvinyl Chloride | 6 | 15.65 | 0.02 | Lateral |
| SWR_LTR_13760 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_13761 | Polyvinyl Chloride | 6 | 15.46 | 0.02 | Lateral |
| SWR_LTR_13762 | Polyvinyl Chloride | 6 | 15.46 | 0.02 | Lateral |
| SWR_LTR_15217 | Polyvinyl Chloride | 6 | 27.80 | 0.03 | Lateral |
| SWR_LTR_15218 | Polyvinyl Chloride | 6 | 17.86 | 0.02 | Lateral |
| SWR_LTR_16721 | Polyvinyl Chloride | 6 | 17.95 | 0.02 | Lateral |
| SWR_LTR_16722 | Polyvinyl Chloride | 6 | 14.32 | 0.02 | Lateral |
| SWR_LTR_16723 | Polyvinyl Chloride | 6 | 19.46 | 0.02 | Lateral |
| SWR_LTR_16724 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_16725 | Polyvinyl Chloride | 6 | 15.75 | 0.02 | Lateral |
| SWR_LTR_16742 | Polyvinyl Chloride | 6 | 15.54 | 0.02 | Lateral |
| SWR_LTR_16796 | Polyvinyl Chloride | 6 | 15.55 | 0.02 | Lateral |
| SWR_LTR_16797 | Polyvinyl Chloride | 6 | 15.55 | 0.02 | Lateral |
| SWR_LTR_16798 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 18**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16799 | Polyvinyl Chloride | 6 | 6.83 | 0.01 | Lateral |
| SWR_LTR_16800 | Polyvinyl Chloride | 6 | 6.68 | 0.01 | Lateral |
| SWR_LTR_16801 | Polyvinyl Chloride | 6 | 4.42 | 0.01 | Lateral |
| SWR_LTR_2358 | Polyvinyl Chloride | 6 | 3.62 | 0.004 | Lateral |
| SWR_LTR_4478 | Polyvinyl Chloride | 6 | 14.90 | 0.02 | Lateral |
| SWR_LTR_4481 | Polyvinyl Chloride | 6 | 14.94 | 0.02 | Lateral |
| SWR_LTR_5149 | Polyvinyl Chloride | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_5151 | Polyvinyl Chloride | 6 | 5.86 | 0.01 | Lateral |
| SWR_LTR_5152 | Polyvinyl Chloride | 6 | 4.44 | 0.01 | Lateral |
| SWR_LTR_5153 | Polyvinyl Chloride | 6 | 9.45 | 0.01 | Lateral |
| SWR_LTR_5154 | Polyvinyl Chloride | 6 | 3.01 | 0.003 | Lateral |
| SWR_LTR_5155 | Polyvinyl Chloride | 6 | 7.57 | 0.01 | Lateral |
| SWR_LTR_5156 | Polyvinyl Chloride | 6 | 11.10 | 0.01 | Lateral |
| SWR_LTR_5157 | Polyvinyl Chloride | 6 | 4.15 | 0.005 | Lateral |
| SWR_LTR_5158 | Polyvinyl Chloride | 6 | 5.65 | 0.01 | Lateral |
| SWR_LTR_5159 | Polyvinyl Chloride | 6 | 4.12 | 0.005 | Lateral |
| SWR_LTR_5160 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_5161 | Polyvinyl Chloride | 6 | 4.15 | 0.005 | Lateral |
| SWR_LTR_5162 | Polyvinyl Chloride | 6 | 4.14 | 0.005 | Lateral |
| SWR_LTR_5163 | Polyvinyl Chloride | 6 | 3.41 | 0.004 | Lateral |
| SWR_LTR_5164 | Polyvinyl Chloride | 6 | 5.87 | 0.01 | Lateral |
| SWR_LTR_5165 | Polyvinyl Chloride | 6 | 4.84 | 0.01 | Lateral |
| SWR_LTR_5166 | Polyvinyl Chloride | 6 | 4.16 | 0.005 | Lateral |
| SWR_LTR_5632 | Polyvinyl Chloride | 6 | 3.63 | 0.004 | Lateral |
| SWR_LTR_5634 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_5636 | Polyvinyl Chloride | 6 | 3.69 | 0.004 | Lateral |
| SWR_LTR_5637 | Polyvinyl Chloride | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_5638 | Polyvinyl Chloride | 6 | 3.52 | 0.004 | Lateral |
| SWR_LTR_5639 | Polyvinyl Chloride | 6 | 4.47 | 0.01 | Lateral |
| SWR_LTR_5641 | Polyvinyl Chloride | 6 | 4.26 | 0.005 | Lateral |
| SWR_LTR_5643 | Polyvinyl Chloride | 6 | 22.84 | 0.03 | Lateral |
| SWR_LTR_5646 | Polyvinyl Chloride | 6 | 2.44 | 0.003 | Lateral |
| SWR_LTR_5647 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_5648 | Polyvinyl Chloride | 6 | 4.12 | 0.005 | Lateral |
| SWR_LTR_5650 | Polyvinyl Chloride | 6 | 3.25 | 0.004 | Lateral |
| SWR_LTR_5651 | Polyvinyl Chloride | 6 | 4.25 | 0.005 | Lateral |
| SWR_LTR_5652 | Polyvinyl Chloride | 6 | 7.53 | 0.01 | Lateral |
| SWR_LTR_5653 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_5654 | Polyvinyl Chloride | 6 | 3.44 | 0.004 | Lateral |
| SWR_LTR_5655 | Polyvinyl Chloride | 6 | 3.65 | 0.004 | Lateral |
| SWR_LTR_5656 | Polyvinyl Chloride | 6 | 4.47 | 0.01 | Lateral |
| SWR_LTR_5657 | Polyvinyl Chloride | 6 | 4.15 | 0.005 | Lateral |
| SWR_LTR_5658 | Polyvinyl Chloride | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_5659 | Polyvinyl Chloride | 6 | 4.05 | 0.005 | Lateral |
| SWR_LTR_5660 | Polyvinyl Chloride | 6 | 2.48 | 0.003 | Lateral |
| SWR_LTR_6325 | Polyvinyl Chloride | 6 | 15.66 | 0.02 | Lateral |
| SWR_LTR_6326 | Polyvinyl Chloride | 6 | 40.75 | 0.05 | Lateral |
| SWR_LTR_6328 | Polyvinyl Chloride | 6 | 31.75 | 0.04 | Lateral |
| SWR_LTR_6330 | Polyvinyl Chloride | 6 | 52.28 | 0.06 | Lateral |
| SWR_LTR_6332 | Polyvinyl Chloride | 6 | 26.86 | 0.03 | Lateral |
| SWR_LTR_6334 | Polyvinyl Chloride | 6 | 32.01 | 0.04 | Lateral |
| SWR_LTR_6336 | Polyvinyl Chloride | 6 | 55.52 | 0.06 | Lateral |
| SWR_LTR_6338 | Polyvinyl Chloride | 6 | 20.32 | 0.02 | Lateral |
| SWR_LTR_6339 | Polyvinyl Chloride | 6 | 23.04 | 0.03 | Lateral |
| SWR_LTR_6340 | Polyvinyl Chloride | 6 | 51.54 | 0.06 | Lateral |
| SWR_LTR_6341 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_6343 | Polyvinyl Chloride | 6 | 21.89 | 0.02 | Lateral |
| SWR_LTR_6345 | Polyvinyl Chloride | 6 | 49.16 | 0.06 | Lateral |
| SWR_LTR_6347 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_6349 | Polyvinyl Chloride | 6 | 20.66 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 18**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6351 | Polyvinyl Chloride | 6 | 23.79 | 0.03 | Lateral |
| SWR_LTR_6613 | Polyvinyl Chloride | 6 | 3.49 | 0.004 | Lateral |
| SWR_LTR_6614 | Polyvinyl Chloride | 6 | 4.34 | 0.005 | Lateral |
| SWR_LTR_6616 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_6617 | Polyvinyl Chloride | 6 | 4.37 | 0.005 | Lateral |
| SWR_LTR_6632 | Polyvinyl Chloride | 6 | 6.54 | 0.01 | Lateral |
| SWR_LTR_6658 | Polyvinyl Chloride | 6 | 4.15 | 0.005 | Lateral |
| SWR_LTR_6659 | Polyvinyl Chloride | 6 | 3.47 | 0.004 | Lateral |
| SWR_LTR_6660 | Polyvinyl Chloride | 6 | 3.63 | 0.004 | Lateral |
| SWR_LTR_6662 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_6665 | Polyvinyl Chloride | 6 | 4.65 | 0.01 | Lateral |
| SWR_LTR_6666 | Polyvinyl Chloride | 6 | 14.94 | 0.02 | Lateral |
| SWR_LTR_6668 | Polyvinyl Chloride | 6 | 18.01 | 0.02 | Lateral |
| SWR_LTR_6669 | Polyvinyl Chloride | 6 | 13.51 | 0.02 | Lateral |
| SWR_LTR_6671 | Polyvinyl Chloride | 6 | 11.53 | 0.01 | Lateral |
| SWR_LTR_6673 | Polyvinyl Chloride | 6 | 14.48 | 0.02 | Lateral |
| SWR_LTR_6800 | Polyvinyl Chloride | 6 | 29.89 | 0.03 | Lateral |
| SWR_LTR_6802 | Polyvinyl Chloride | 6 | 51.17 | 0.06 | Lateral |
| SWR_LTR_6803 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_6805 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_6806 | Polyvinyl Chloride | 6 | 50.21 | 0.06 | Lateral |
| SWR_LTR_6807 | Polyvinyl Chloride | 6 | 30.32 | 0.03 | Lateral |
| SWR_LTR_6808 | Polyvinyl Chloride | 6 | 25.98 | 0.03 | Lateral |
| SWR_LTR_6810 | Polyvinyl Chloride | 6 | 32.32 | 0.04 | Lateral |
| SWR_LTR_6812 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_6814 | Polyvinyl Chloride | 6 | 24.74 | 0.03 | Lateral |
| SWR_LTR_6817 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_6819 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_6821 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1004 | Concrete (Non-Reinforced) | 8 | 376.69 | 0.57 | Main |
| SWR_GRV_1005 | Concrete (Non-Reinforced) | 8 | 393.21 | 0.60 | Main |
| SWR_GRV_1006 | Concrete (Non-Reinforced) | 8 | 413.01 | 0.63 | Main |
| SWR_GRV_1011 | Concrete (Non-Reinforced) | 8 | 146.67 | 0.22 | Main |
| SWR_GRV_1012 | Concrete (Non-Reinforced) | 8 | 90.47 | 0.14 | Main |
| SWR_GRV_1013 | Concrete (Non-Reinforced) | 8 | 28.85 | 0.04 | Main |
| SWR_GRV_1014 | Concrete (Non-Reinforced) | 8 | 200.73 | 0.30 | Main |
| SWR_GRV_1015 | Concrete (Non-Reinforced) | 8 | 244.08 | 0.37 | Main |
| SWR_GRV_1016 | Concrete (Non-Reinforced) | 8 | 226.47 | 0.34 | Main |
| SWR_GRV_1018 | Concrete (Non-Reinforced) | 8 | 244.10 | 0.37 | Main |
| SWR_GRV_1019 | Concrete (Non-Reinforced) | 8 | 28.42 | 0.04 | Main |
| SWR_GRV_1020 | Concrete (Non-Reinforced) | 8 | 296.17 | 0.45 | Main |
| SWR_GRV_1021 | Concrete (Non-Reinforced) | 8 | 165.00 | 0.25 | Main |
| SWR_GRV_1038 | Concrete (Non-Reinforced) | 8 | 35.67 | 0.05 | Main |
| SWR_GRV_1040 | Concrete (Non-Reinforced) | 8 | 44.71 | 0.07 | Main |
| SWR_GRV_1041 | Concrete (Non-Reinforced) | 8 | 169.83 | 0.26 | Main |
| SWR_GRV_1072 | Concrete (Non-Reinforced) | 12 | 387.64 | 0.88 | Main |
| SWR_GRV_1073 | Concrete (Non-Reinforced) | 12 | 419.18 | 0.95 | Main |
| SWR_GRV_1074 | Concrete (Non-Reinforced) | 10 | 354.91 | 0.67 | Main |
| SWR_GRV_1075 | Concrete (Non-Reinforced) | 10 | 321.78 | 0.61 | Main |
| SWR_GRV_1076 | Concrete (Non-Reinforced) | 8 | 323.12 | 0.49 | Main |
| SWR_GRV_1077 | Concrete (Non-Reinforced) | 8 | 326.26 | 0.49 | Main |
| SWR_GRV_1078 | Concrete (Non-Reinforced) | 8 | 299.21 | 0.45 | Main |
| SWR_GRV_1080 | Concrete (Non-Reinforced) | 8 | 351.53 | 0.53 | Main |
| SWR_GRV_1081 | Concrete (Non-Reinforced) | 8 | 269.84 | 0.41 | Main |
| SWR_GRV_1082 | Concrete (Non-Reinforced) | 8 | 306.61 | 0.46 | Main |
| SWR_GRV_1083 | Concrete (Non-Reinforced) | 8 | 147.65 | 0.22 | Main |
| SWR_GRV_1084 | Concrete (Non-Reinforced) | 8 | 84.04 | 0.13 | Main |
| SWR_GRV_1085 | Concrete (Non-Reinforced) | 8 | 134.76 | 0.20 | Main |
| SWR_GRV_1086 | Concrete (Non-Reinforced) | 8 | 70.42 | 0.11 | Main |
| SWR_GRV_1087 | Concrete (Non-Reinforced) | 8 | 189.81 | 0.29 | Main |
| SWR_GRV_1088 | Concrete (Non-Reinforced) | 8 | 69.49 | 0.11 | Main |
| SWR_GRV_1089 | Concrete (Non-Reinforced) | 8 | 160.17 | 0.24 | Main |
| SWR_GRV_1090 | Concrete (Non-Reinforced) | 8 | 153.06 | 0.23 | Main |
| SWR_GRV_1103 | Concrete (Non-Reinforced) | 8 | 67.43 | 0.10 | Main |
| SWR_GRV_1104 | Concrete (Non-Reinforced) | 8 | 85.32 | 0.13 | Main |
| SWR_GRV_1105 | Concrete (Non-Reinforced) | 8 | 52.04 | 0.08 | Main |
| SWR_GRV_1106 | Concrete (Non-Reinforced) | 8 | 124.84 | 0.19 | Main |
| SWR_GRV_1107 | Concrete (Non-Reinforced) | 8 | 40.06 | 0.06 | Main |
| SWR_GRV_1108 | Concrete (Non-Reinforced) | 8 | 239.17 | 0.36 | Main |
| SWR_GRV_1109 | Concrete (Non-Reinforced) | 8 | 96.02 | 0.15 | Main |
| SWR_GRV_1110 | Concrete (Non-Reinforced) | 8 | 236.20 | 0.36 | Main |
| SWR_GRV_1111 | Concrete (Non-Reinforced) | 8 | 287.63 | 0.44 | Main |
| SWR_GRV_1112 | Concrete (Non-Reinforced) | 8 | 207.58 | 0.31 | Main |
| SWR_GRV_1113 | Concrete (Non-Reinforced) | 8 | 164.32 | 0.25 | Main |
| SWR_GRV_1114 | Concrete (Non-Reinforced) | 8 | 200.08 | 0.30 | Main |
| SWR_GRV_1116 | Concrete (Non-Reinforced) | 8 | 149.21 | 0.23 | Main |
| SWR_GRV_1117 | Concrete (Non-Reinforced) | 8 | 133.29 | 0.20 | Main |
| SWR_GRV_1145 | Concrete (Non-Reinforced) | 8 | 24.72 | 0.04 | Main |
| SWR_GRV_1146 | Concrete (Non-Reinforced) | 8 | 222.90 | 0.34 | Main |
| SWR_GRV_1147 | Concrete (Non-Reinforced) | 8 | 162.95 | 0.25 | Main |
| SWR_GRV_1148 | Concrete (Non-Reinforced) | 8 | 221.28 | 0.34 | Main |
| SWR_GRV_1149 | Concrete (Non-Reinforced) | 8 | 216.02 | 0.33 | Main |
| SWR_GRV_1150 | Concrete (Non-Reinforced) | 8 | 247.50 | 0.37 | Main |
| SWR_GRV_1151 | Concrete (Non-Reinforced) | 8 | 356.02 | 0.54 | Main |
| SWR_GRV_1152 | Concrete (Non-Reinforced) | 8 | 192.36 | 0.29 | Main |
| SWR_GRV_1153 | Concrete (Non-Reinforced) | 10 | 297.38 | 0.56 | Main |
| SWR_GRV_1647 | Concrete (Non-Reinforced) | 8 | 15.94 | 0.02 | Main |
| SWR_GRV_3393 | Terra Cotta | 8 | 187.21 | 0.28 | Main |
| SWR_GRV_3766 | Terra Cotta | 8 | 216.85 | 0.33 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_3768 | Terra Cotta | 8 | 169.73 | 0.26 | Main |
| SWR_GRV_4026 | Other | 8 | 371.86 | 0.56 | Main |
| SWR_GRV_4775 | Terra Cotta | 15 | 93.74 | 0.27 | Main |
| SWR_GRV_480 | Concrete (Non-Reinforced) | 8 | 2.92 | 0.004 | Main |
| SWR_GRV_484 | Concrete (Non-Reinforced) | 8 | 173.50 | 0.26 | Main |
| SWR_GRV_485 | Concrete (Non-Reinforced) | 8 | 196.16 | 0.30 | Main |
| SWR_GRV_486 | Concrete (Non-Reinforced) | 8 | 260.96 | 0.40 | Main |
| SWR_GRV_487 | Concrete (Non-Reinforced) | 8 | 133.26 | 0.20 | Main |
| SWR_GRV_488 | Concrete (Non-Reinforced) | 8 | 303.07 | 0.46 | Main |
| SWR_GRV_489 | Concrete (Non-Reinforced) | 8 | 273.65 | 0.41 | Main |
| SWR_GRV_490 | Concrete (Non-Reinforced) | 8 | 245.51 | 0.37 | Main |
| SWR_GRV_491 | Concrete (Non-Reinforced) | 8 | 182.95 | 0.28 | Main |
| SWR_GRV_4915 | Other | 12 | 214.74 | 0.49 | Main |
| SWR_GRV_4917 | Other | 12 | 291.99 | 0.66 | Main |
| SWR_GRV_4919 | Other | 12 | 116.81 | 0.27 | Main |
| SWR_GRV_4924 | Terra Cotta | 15 | 99.26 | 0.28 | Main |
| SWR_GRV_5030 | Terra Cotta | 15 | 310.85 | 0.88 | Main |
| SWR_GRV_5033 | Terra Cotta | 15 | 403.45 | 1.15 | Main |
| SWR_GRV_5037 | Terra Cotta | 12 | 373.64 | 0.85 | Main |
| SWR_GRV_5041 | Terra Cotta | 12 | 265.50 | 0.60 | Main |
| SWR_GRV_5044 | Terra Cotta | 12 | 167.60 | 0.38 | Main |
| SWR_GRV_5047 | Terra Cotta | 12 | 359.82 | 0.82 | Main |
| SWR_GRV_5144 | Terra Cotta | 15 | 27.01 | 0.08 | Main |
| SWR_GRV_5146 | Terra Cotta | 15 | 17.30 | 0.05 | Main |
| SWR_GRV_5385 | Terra Cotta | 8 | 191.82 | 0.29 | Main |
| SWR_GRV_5394 | Terra Cotta | 8 | 271.67 | 0.41 | Main |
| SWR_GRV_5396 | Terra Cotta | 12 | 398.73 | 0.91 | Main |
| SWR_GRV_5398 | Terra Cotta | 8 | 33.37 | 0.05 | Main |
| SWR_GRV_5400 | Terra Cotta | 12 | 209.18 | 0.48 | Main |
| SWR_GRV_5402 | Terra Cotta | 8 | 277.36 | 0.42 | Main |
| SWR_GRV_5404 | Terra Cotta | 12 | 178.16 | 0.40 | Main |
| SWR_GRV_5406 | Terra Cotta | 8 | 277.24 | 0.42 | Main |
| SWR_GRV_5408 | Terra Cotta | 12 | 399.38 | 0.91 | Main |
| SWR_GRV_5410 | Terra Cotta | 8 | 253.84 | 0.38 | Main |
| SWR_GRV_5412 | Terra Cotta | 8 | 182.88 | 0.28 | Main |
| SWR_GRV_5414 | Terra Cotta | 8 | 197.86 | 0.30 | Main |
| SWR_GRV_5416 | Terra Cotta | 8 | 166.99 | 0.25 | Main |
| SWR_GRV_5418 | Terra Cotta | 12 | 414.88 | 0.94 | Main |
| SWR_GRV_5419 | Terra Cotta | 12 | 375.42 | 0.85 | Main |
| SWR_GRV_5421 | Terra Cotta | 8 | 160.78 | 0.24 | Main |
| SWR_GRV_5423 | Terra Cotta | 8 | 36.28 | 0.05 | Main |
| SWR_GRV_5425 | Terra Cotta | 12 | 191.82 | 0.44 | Main |
| SWR_GRV_5427 | Terra Cotta | 8 | 233.81 | 0.35 | Main |
| SWR_GRV_5429 | Terra Cotta | 8 | 253.23 | 0.38 | Main |
| SWR_GRV_5433 | Terra Cotta | 12 | 222.45 | 0.51 | Main |
| SWR_GRV_5438 | Terra Cotta | 8 | 212.91 | 0.32 | Main |
| SWR_GRV_5440 | Terra Cotta | 8 | 216.21 | 0.33 | Main |
| SWR_GRV_5442 | Terra Cotta | 8 | 163.70 | 0.25 | Main |
| SWR_GRV_5444 | Terra Cotta | 8 | 148.19 | 0.22 | Main |
| SWR_GRV_5576 | Terra Cotta | 8 | 245.71 | 0.37 | Main |
| SWR_GRV_5616 | Terra Cotta | 15 | 204.25 | 0.58 | Main |
| SWR_GRV_5618 | Terra Cotta | 15 | 29.31 | 0.08 | Main |
| SWR_GRV_5691 | Terra Cotta | 8 | 226.84 | 0.34 | Main |
| SWR_GRV_5693 | Terra Cotta | 8 | 214.39 | 0.32 | Main |
| SWR_GRV_5695 | Terra Cotta | 8 | 109.63 | 0.17 | Main |
| SWR_GRV_5764 | Terra Cotta | 8 | 223.09 | 0.34 | Main |
| SWR_GRV_590 | Concrete (Non-Reinforced) | 8 | 160.85 | 0.24 | Main |
| SWR_GRV_591 | Concrete (Non-Reinforced) | 8 | 74.71 | 0.11 | Main |
| SWR_GRV_6 | Concrete (Non-Reinforced) | 8 | 204.00 | 0.31 | Main |
| SWR_GRV_622 | Concrete (Non-Reinforced) | 8 | 395.76 | 0.60 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_624 | Concrete (Non-Reinforced) | 8 | 394.50 | 0.60 | Main |
| SWR_GRV_625 | Concrete (Non-Reinforced) | 8 | 350.95 | 0.53 | Main |
| SWR_GRV_626 | Concrete (Non-Reinforced) | 8 | 371.28 | 0.56 | Main |
| SWR_GRV_627 | Concrete (Non-Reinforced) | 8 | 380.60 | 0.58 | Main |
| SWR_GRV_628 | Concrete (Non-Reinforced) | 8 | 389.32 | 0.59 | Main |
| SWR_GRV_629 | Concrete (Non-Reinforced) | 8 | 323.51 | 0.49 | Main |
| SWR_GRV_630 | Concrete (Non-Reinforced) | 8 | 343.70 | 0.52 | Main |
| SWR_GRV_955 | Concrete (Non-Reinforced) | 8 | 388.71 | 0.59 | Main |
| SWR_GRV_985 | Concrete (Non-Reinforced) | 8 | 358.19 | 0.54 | Main |
| SWR_GRV_986 | Concrete (Non-Reinforced) | 8 | 91.81 | 0.14 | Main |
| SWR_GRV_987 | Concrete (Non-Reinforced) | 8 | 181.90 | 0.28 | Main |
| SWR_GRV_988 | Concrete (Non-Reinforced) | 8 | 159.58 | 0.24 | Main |
| SWR_GRV_989 | Concrete (Non-Reinforced) | 8 | 154.45 | 0.23 | Main |
| SWR_GRV_990 | Concrete (Non-Reinforced) | 8 | 356.59 | 0.54 | Main |
| SWR_GRV_991 | Concrete (Non-Reinforced) | 8 | 116.97 | 0.18 | Main |
| SWR_GRV_992 | Concrete (Non-Reinforced) | 8 | 151.70 | 0.23 | Main |
| SWR_GRV_993 | Concrete (Non-Reinforced) | 8 | 115.90 | 0.18 | Main |
| SWR_GRV_994 | Concrete (Non-Reinforced) | 8 | 145.22 | 0.22 | Main |
| SWR_GRV_1039 | Concrete (Non-Reinforced) | 8 | 9.04 | 0.01 | Lateral |
| SWR_LTR_10033 | Polyvinyl Chloride | 6 | 2.96 | 0.003 | Lateral |
| SWR_LTR_10034 | Polyvinyl Chloride | 6 | 3.07 | 0.003 | Lateral |
| SWR_LTR_10035 | Polyvinyl Chloride | 6 | 4.28 | 0.005 | Lateral |
| SWR_LTR_10036 | Polyvinyl Chloride | 6 | 2.89 | 0.003 | Lateral |
| SWR_LTR_10037 | Polyvinyl Chloride | 6 | 2.44 | 0.003 | Lateral |
| SWR_LTR_10038 | Polyvinyl Chloride | 6 | 5.69 | 0.01 | Lateral |
| SWR_LTR_10039 | Polyvinyl Chloride | 6 | 5.68 | 0.01 | Lateral |
| SWR_LTR_10497 | Polyvinyl Chloride | 6 | 5.39 | 0.01 | Lateral |
| SWR_LTR_10498 | Polyvinyl Chloride | 6 | 2.83 | 0.003 | Lateral |
| SWR_LTR_10499 | Polyvinyl Chloride | 6 | 2.37 | 0.003 | Lateral |
| SWR_LTR_10500 | Polyvinyl Chloride | 6 | 3.09 | 0.004 | Lateral |
| SWR_LTR_10501 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_10502 | Polyvinyl Chloride | 6 | 4.43 | 0.01 | Lateral |
| SWR_LTR_10503 | Polyvinyl Chloride | 6 | 3.17 | 0.004 | Lateral |
| SWR_LTR_10504 | Polyvinyl Chloride | 6 | 4.38 | 0.005 | Lateral |
| SWR_LTR_10505 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_10506 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_10507 | Polyvinyl Chloride | 6 | 6.55 | 0.01 | Lateral |
| SWR_LTR_10508 | Polyvinyl Chloride | 6 | 8.03 | 0.01 | Lateral |
| SWR_LTR_10509 | Polyvinyl Chloride | 6 | 7.30 | 0.01 | Lateral |
| SWR_LTR_10510 | Polyvinyl Chloride | 6 | 6.09 | 0.01 | Lateral |
| SWR_LTR_10511 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_10512 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_10514 | Polyvinyl Chloride | 6 | 3.00 | 0.003 | Lateral |
| SWR_LTR_10515 | Polyvinyl Chloride | 6 | 3.53 | 0.004 | Lateral |
| SWR_LTR_11791 | Polyvinyl Chloride | 6 | 8.54 | 0.01 | Lateral |
| SWR_LTR_11792 | Polyvinyl Chloride | 6 | 13.77 | 0.02 | Lateral |
| SWR_LTR_11847 | Polyvinyl Chloride | 6 | 13.56 | 0.02 | Lateral |
| SWR_LTR_11848 | Polyvinyl Chloride | 6 | 38.71 | 0.04 | Lateral |
| SWR_LTR_11849 | Polyvinyl Chloride | 6 | 36.13 | 0.04 | Lateral |
| SWR_LTR_11850 | Polyvinyl Chloride | 6 | 34.89 | 0.04 | Lateral |
| SWR_LTR_11851 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_11852 | Polyvinyl Chloride | 6 | 37.31 | 0.04 | Lateral |
| SWR_LTR_11853 | Polyvinyl Chloride | 6 | 12.38 | 0.01 | Lateral |
| SWR_LTR_11854 | Polyvinyl Chloride | 6 | 4.58 | 0.01 | Lateral |
| SWR_LTR_11855 | Polyvinyl Chloride | 6 | 36.90 | 0.04 | Lateral |
| SWR_LTR_11856 | Polyvinyl Chloride | 6 | 43.44 | 0.05 | Lateral |
| SWR_LTR_11857 | Polyvinyl Chloride | 6 | 4.45 | 0.01 | Lateral |
| SWR_LTR_11858 | Polyvinyl Chloride | 6 | 5.02 | 0.01 | Lateral |
| SWR_LTR_11859 | Polyvinyl Chloride | 6 | 44.12 | 0.05 | Lateral |
| SWR_LTR_11860 | Polyvinyl Chloride | 6 | 4.66 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11861 | Polyvinyl Chloride | 6 | 36.18 | 0.04 | Lateral |
| SWR_LTR_11862 | Polyvinyl Chloride | 6 | 35.97 | 0.04 | Lateral |
| SWR_LTR_11863 | Polyvinyl Chloride | 6 | 36.09 | 0.04 | Lateral |
| SWR_LTR_11864 | Polyvinyl Chloride | 6 | 36.65 | 0.04 | Lateral |
| SWR_LTR_11865 | Polyvinyl Chloride | 6 | 39.46 | 0.04 | Lateral |
| SWR_LTR_11866 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_11867 | Polyvinyl Chloride | 6 | 41.82 | 0.05 | Lateral |
| SWR_LTR_11868 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_11869 | Polyvinyl Chloride | 6 | 42.07 | 0.05 | Lateral |
| SWR_LTR_11870 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_11887 | Polyvinyl Chloride | 6 | 11.40 | 0.01 | Lateral |
| SWR_LTR_11888 | Polyvinyl Chloride | 6 | 12.82 | 0.01 | Lateral |
| SWR_LTR_13538 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_13582 | Polyvinyl Chloride | 6 | 12.72 | 0.01 | Lateral |
| SWR_LTR_13583 | Polyvinyl Chloride | 6 | 12.65 | 0.01 | Lateral |
| SWR_LTR_13584 | Polyvinyl Chloride | 6 | 17.69 | 0.02 | Lateral |
| SWR_LTR_13585 | Polyvinyl Chloride | 6 | 17.74 | 0.02 | Lateral |
| SWR_LTR_13586 | Polyvinyl Chloride | 6 | 13.20 | 0.01 | Lateral |
| SWR_LTR_13587 | Polyvinyl Chloride | 6 | 13.00 | 0.01 | Lateral |
| SWR_LTR_13741 | Polyvinyl Chloride | 6 | 8.02 | 0.01 | Lateral |
| SWR_LTR_13742 | Polyvinyl Chloride | 6 | 6.65 | 0.01 | Lateral |
| SWR_LTR_13743 | Polyvinyl Chloride | 6 | 11.36 | 0.01 | Lateral |
| SWR_LTR_13744 | Polyvinyl Chloride | 6 | 44.18 | 0.05 | Lateral |
| SWR_LTR_13745 | Polyvinyl Chloride | 6 | 11.49 | 0.01 | Lateral |
| SWR_LTR_13845 | Polyvinyl Chloride | 6 | 3.51 | 0.004 | Lateral |
| SWR_LTR_13846 | Polyvinyl Chloride | 6 | 4.25 | 0.005 | Lateral |
| SWR_LTR_13847 | Polyvinyl Chloride | 6 | 3.34 | 0.004 | Lateral |
| SWR_LTR_13848 | Polyvinyl Chloride | 6 | 5.50 | 0.01 | Lateral |
| SWR_LTR_13849 | Polyvinyl Chloride | 6 | 5.08 | 0.01 | Lateral |
| SWR_LTR_13978 | Polyvinyl Chloride | 6 | 5.66 | 0.01 | Lateral |
| SWR_LTR_13979 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_13980 | Polyvinyl Chloride | 6 | 2.43 | 0.003 | Lateral |
| SWR_LTR_14290 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_14291 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_14292 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_14293 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_14294 | Polyvinyl Chloride | 6 | 44.04 | 0.05 | Lateral |
| SWR_LTR_14295 | Polyvinyl Chloride | 6 | 41.59 | 0.05 | Lateral |
| SWR_LTR_14296 | Polyvinyl Chloride | 6 | 40.75 | 0.05 | Lateral |
| SWR_LTR_14297 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_14298 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14299 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_14300 | Polyvinyl Chloride | 6 | 15.58 | 0.02 | Lateral |
| SWR_LTR_14301 | Polyvinyl Chloride | 6 | 12.31 | 0.01 | Lateral |
| SWR_LTR_14302 | Polyvinyl Chloride | 6 | 15.03 | 0.02 | Lateral |
| SWR_LTR_14303 | Polyvinyl Chloride | 6 | 13.20 | 0.01 | Lateral |
| SWR_LTR_14304 | Polyvinyl Chloride | 6 | 13.96 | 0.02 | Lateral |
| SWR_LTR_14305 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_14306 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_14307 | Polyvinyl Chloride | 6 | 38.24 | 0.04 | Lateral |
| SWR_LTR_14563 | Polyvinyl Chloride | 6 | 13.46 | 0.02 | Lateral |
| SWR_LTR_14564 | Polyvinyl Chloride | 6 | 36.77 | 0.04 | Lateral |
| SWR_LTR_14565 | Polyvinyl Chloride | 6 | 37.67 | 0.04 | Lateral |
| SWR_LTR_14954 | Polyvinyl Chloride | 6 | 37.50 | 0.04 | Lateral |
| SWR_LTR_14955 | Polyvinyl Chloride | 6 | 42.53 | 0.05 | Lateral |
| SWR_LTR_14956 | Polyvinyl Chloride | 6 | 7.98 | 0.01 | Lateral |
| SWR_LTR_15160 | Polyvinyl Chloride | 6 | 35.06 | 0.04 | Lateral |
| SWR_LTR_15161 | Polyvinyl Chloride | 6 | 28.19 | 0.03 | Lateral |
| SWR_LTR_15162 | Polyvinyl Chloride | 6 | 12.59 | 0.01 | Lateral |
| SWR_LTR_15214 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15215 | Polyvinyl Chloride | 6 | 13.37 | 0.02 | Lateral |
| SWR_LTR_15216 | Polyvinyl Chloride | 8 | 19.57 | 0.03 | Lateral |
| SWR_LTR_15233 | Polyvinyl Chloride | 6 | 9.10 | 0.01 | Lateral |
| SWR_LTR_15234 | Polyvinyl Chloride | 6 | 15.93 | 0.02 | Lateral |
| SWR_LTR_15235 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_15236 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_15237 | Polyvinyl Chloride | 6 | 39.83 | 0.05 | Lateral |
| SWR_LTR_15238 | Polyvinyl Chloride | 6 | 11.42 | 0.01 | Lateral |
| SWR_LTR_15239 | Polyvinyl Chloride | 6 | 11.46 | 0.01 | Lateral |
| SWR_LTR_15240 | Polyvinyl Chloride | 6 | 14.69 | 0.02 | Lateral |
| SWR_LTR_15241 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_15242 | Polyvinyl Chloride | 6 | 40.16 | 0.05 | Lateral |
| SWR_LTR_15243 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_15244 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_15245 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_15246 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_15280 | Polyvinyl Chloride | 6 | 3.91 | 0.004 | Lateral |
| SWR_LTR_16417 | Polyvinyl Chloride | 6 | 48.81 | 0.06 | Lateral |
| SWR_LTR_16418 | Polyvinyl Chloride | 6 | 50.18 | 0.06 | Lateral |
| SWR_LTR_16419 | Polyvinyl Chloride | 6 | 38.92 | 0.04 | Lateral |
| SWR_LTR_16420 | Polyvinyl Chloride | 6 | 44.13 | 0.05 | Lateral |
| SWR_LTR_16421 | Polyvinyl Chloride | 6 | 38.27 | 0.04 | Lateral |
| SWR_LTR_16422 | Polyvinyl Chloride | 6 | 36.24 | 0.04 | Lateral |
| SWR_LTR_16423 | Polyvinyl Chloride | 6 | 39.18 | 0.04 | Lateral |
| SWR_LTR_16424 | Polyvinyl Chloride | 6 | 37.09 | 0.04 | Lateral |
| SWR_LTR_16425 | Polyvinyl Chloride | 6 | 37.12 | 0.04 | Lateral |
| SWR_LTR_16426 | Polyvinyl Chloride | 6 | 37.63 | 0.04 | Lateral |
| SWR_LTR_16427 | Polyvinyl Chloride | 6 | 48.97 | 0.06 | Lateral |
| SWR_LTR_16428 | Polyvinyl Chloride | 6 | 50.25 | 0.06 | Lateral |
| SWR_LTR_16429 | Polyvinyl Chloride | 6 | 51.69 | 0.06 | Lateral |
| SWR_LTR_16430 | Polyvinyl Chloride | 6 | 50.98 | 0.06 | Lateral |
| SWR_LTR_16431 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_16432 | Polyvinyl Chloride | 6 | 41.75 | 0.05 | Lateral |
| SWR_LTR_16433 | Polyvinyl Chloride | 6 | 43.24 | 0.05 | Lateral |
| SWR_LTR_16434 | Polyvinyl Chloride | 6 | 45.31 | 0.05 | Lateral |
| SWR_LTR_16435 | Polyvinyl Chloride | 6 | 44.94 | 0.05 | Lateral |
| SWR_LTR_16436 | Polyvinyl Chloride | 6 | 48.87 | 0.06 | Lateral |
| SWR_LTR_16437 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_16438 | Polyvinyl Chloride | 6 | 40.13 | 0.05 | Lateral |
| SWR_LTR_16439 | Polyvinyl Chloride | 6 | 42.65 | 0.05 | Lateral |
| SWR_LTR_16492 | Polyvinyl Chloride | 6 | 9.17 | 0.01 | Lateral |
| SWR_LTR_16493 | Polyvinyl Chloride | 6 | 7.71 | 0.01 | Lateral |
| SWR_LTR_16494 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_16495 | Polyvinyl Chloride | 6 | 38.66 | 0.04 | Lateral |
| SWR_LTR_16496 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_16497 | Polyvinyl Chloride | 6 | 10.63 | 0.01 | Lateral |
| SWR_LTR_16498 | Polyvinyl Chloride | 6 | 9.27 | 0.01 | Lateral |
| SWR_LTR_16499 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_16500 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_16501 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_16502 | Polyvinyl Chloride | 6 | 43.68 | 0.05 | Lateral |
| SWR_LTR_16503 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_16504 | Polyvinyl Chloride | 6 | 14.53 | 0.02 | Lateral |
| SWR_LTR_16505 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_16506 | Polyvinyl Chloride | 6 | 38.69 | 0.04 | Lateral |
| SWR_LTR_16507 | Polyvinyl Chloride | 6 | 23.70 | 0.03 | Lateral |
| SWR_LTR_16508 | Polyvinyl Chloride | 6 | 50.52 | 0.06 | Lateral |
| SWR_LTR_16509 | Polyvinyl Chloride | 6 | 35.95 | 0.04 | Lateral |
| SWR_LTR_16510 | Polyvinyl Chloride | 6 | 37.89 | 0.04 | Lateral |
| SWR_LTR_16512 | Polyvinyl Chloride | 6 | 11.54 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16513 | Polyvinyl Chloride | 6 | 40.10 | 0.05 | Lateral |
| SWR_LTR_16514 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_16515 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_16516 | Polyvinyl Chloride | 6 | 3.95 | 0.004 | Lateral |
| SWR_LTR_16517 | Polyvinyl Chloride | 6 | 53.38 | 0.06 | Lateral |
| SWR_LTR_16518 | Polyvinyl Chloride | 6 | 12.51 | 0.01 | Lateral |
| SWR_LTR_16519 | Polyvinyl Chloride | 6 | 41.53 | 0.05 | Lateral |
| SWR_LTR_16520 | Polyvinyl Chloride | 6 | 41.11 | 0.05 | Lateral |
| SWR_LTR_16521 | Polyvinyl Chloride | 6 | 53.73 | 0.06 | Lateral |
| SWR_LTR_16592 | Polyvinyl Chloride | 6 | 49.15 | 0.06 | Lateral |
| SWR_LTR_16620 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_16621 | Polyvinyl Chloride | 6 | 35.10 | 0.04 | Lateral |
| SWR_LTR_16622 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_16623 | Polyvinyl Chloride | 6 | 37.55 | 0.04 | Lateral |
| SWR_LTR_16624 | Polyvinyl Chloride | 6 | 44.44 | 0.05 | Lateral |
| SWR_LTR_16625 | Polyvinyl Chloride | 6 | 36.58 | 0.04 | Lateral |
| SWR_LTR_16626 | Polyvinyl Chloride | 6 | 36.29 | 0.04 | Lateral |
| SWR_LTR_16627 | Polyvinyl Chloride | 6 | 45.42 | 0.05 | Lateral |
| SWR_LTR_16706 | Polyvinyl Chloride | 6 | 41.92 | 0.05 | Lateral |
| SWR_LTR_16707 | Polyvinyl Chloride | 6 | 36.77 | 0.04 | Lateral |
| SWR_LTR_16708 | Polyvinyl Chloride | 6 | 43.90 | 0.05 | Lateral |
| SWR_LTR_16709 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_16710 | Polyvinyl Chloride | 6 | 49.17 | 0.06 | Lateral |
| SWR_LTR_16711 | Polyvinyl Chloride | 6 | 36.77 | 0.04 | Lateral |
| SWR_LTR_16712 | Polyvinyl Chloride | 6 | 41.26 | 0.05 | Lateral |
| SWR_LTR_16713 | Polyvinyl Chloride | 6 | 37.53 | 0.04 | Lateral |
| SWR_LTR_16714 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_16715 | Polyvinyl Chloride | 6 | 43.77 | 0.05 | Lateral |
| SWR_LTR_16716 | Polyvinyl Chloride | 6 | 46.79 | 0.05 | Lateral |
| SWR_LTR_16717 | Polyvinyl Chloride | 6 | 55.21 | 0.06 | Lateral |
| SWR_LTR_16718 | Polyvinyl Chloride | 6 | 45.52 | 0.05 | Lateral |
| SWR_LTR_16719 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_16720 | Polyvinyl Chloride | 6 | 35.87 | 0.04 | Lateral |
| SWR_LTR_16726 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_16727 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_16728 | Polyvinyl Chloride | 6 | 42.28 | 0.05 | Lateral |
| SWR_LTR_16729 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_16730 | Polyvinyl Chloride | 6 | 38.24 | 0.04 | Lateral |
| SWR_LTR_16731 | Polyvinyl Chloride | 6 | 3.90 | 0.004 | Lateral |
| SWR_LTR_16732 | Polyvinyl Chloride | 6 | 74.08 | 0.08 | Lateral |
| SWR_LTR_16733 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_16734 | Polyvinyl Chloride | 6 | 20.68 | 0.02 | Lateral |
| SWR_LTR_16735 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_16736 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_16737 | Polyvinyl Chloride | 6 | 14.81 | 0.02 | Lateral |
| SWR_LTR_16738 | Polyvinyl Chloride | 6 | 21.27 | 0.02 | Lateral |
| SWR_LTR_16739 | Polyvinyl Chloride | 6 | 16.28 | 0.02 | Lateral |
| SWR_LTR_16740 | Polyvinyl Chloride | 6 | 24.02 | 0.03 | Lateral |
| SWR_LTR_16741 | Polyvinyl Chloride | 6 | 26.07 | 0.03 | Lateral |
| SWR_LTR_2411 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_2517 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_2519 | Polyvinyl Chloride | 6 | 16.03 | 0.02 | Lateral |
| SWR_LTR_2521 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_2524 | Polyvinyl Chloride | 6 | 13.70 | 0.02 | Lateral |
| SWR_LTR_2527 | Polyvinyl Chloride | 6 | 14.71 | 0.02 | Lateral |
| SWR_LTR_2530 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_2533 | Polyvinyl Chloride | 6 | 15.47 | 0.02 | Lateral |
| SWR_LTR_2538 | Polyvinyl Chloride | 6 | 14.90 | 0.02 | Lateral |
| SWR_LTR_2541 | Polyvinyl Chloride | 6 | 9.71 | 0.01 | Lateral |
| SWR_LTR_2544 | Polyvinyl Chloride | 6 | 40.10 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2547 | Polyvinyl Chloride | 6 | 41.85 | 0.05 | Lateral |
| SWR_LTR_2550 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_2554 | Polyvinyl Chloride | 6 | 39.68 | 0.05 | Lateral |
| SWR_LTR_2556 | Polyvinyl Chloride | 6 | 39.70 | 0.05 | Lateral |
| SWR_LTR_2559 | Polyvinyl Chloride | 6 | 41.63 | 0.05 | Lateral |
| SWR_LTR_2562 | Polyvinyl Chloride | 6 | 47.02 | 0.05 | Lateral |
| SWR_LTR_2565 | Polyvinyl Chloride | 6 | 36.85 | 0.04 | Lateral |
| SWR_LTR_2569 | Polyvinyl Chloride | 6 | 36.08 | 0.04 | Lateral |
| SWR_LTR_2573 | Polyvinyl Chloride | 6 | 39.72 | 0.05 | Lateral |
| SWR_LTR_2578 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_2581 | Polyvinyl Chloride | 6 | 15.09 | 0.02 | Lateral |
| SWR_LTR_2584 | Polyvinyl Chloride | 6 | 9.73 | 0.01 | Lateral |
| SWR_LTR_2588 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_2591 | Polyvinyl Chloride | 6 | 13.49 | 0.02 | Lateral |
| SWR_LTR_2594 | Polyvinyl Chloride | 6 | 13.32 | 0.02 | Lateral |
| SWR_LTR_2596 | Polyvinyl Chloride | 6 | 13.49 | 0.02 | Lateral |
| SWR_LTR_2598 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_2600 | Polyvinyl Chloride | 6 | 41.12 | 0.05 | Lateral |
| SWR_LTR_2603 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_2606 | Polyvinyl Chloride | 6 | 41.50 | 0.05 | Lateral |
| SWR_LTR_2609 | Polyvinyl Chloride | 6 | 44.39 | 0.05 | Lateral |
| SWR_LTR_2614 | Polyvinyl Chloride | 6 | 47.22 | 0.05 | Lateral |
| SWR_LTR_4156 | Polyvinyl Chloride | 6 | 2.41 | 0.003 | Lateral |
| SWR_LTR_4159 | Polyvinyl Chloride | 6 | 2.42 | 0.003 | Lateral |
| SWR_LTR_4160 | Polyvinyl Chloride | 6 | 4.25 | 0.005 | Lateral |
| SWR_LTR_4167 | Polyvinyl Chloride | 6 | 2.43 | 0.003 | Lateral |
| SWR_LTR_4169 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_4171 | Polyvinyl Chloride | 6 | 4.63 | 0.01 | Lateral |
| SWR_LTR_4173 | Polyvinyl Chloride | 6 | 2.22 | 0.003 | Lateral |
| SWR_LTR_4365 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_4368 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_4371 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_4374 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_4379 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_4381 | Polyvinyl Chloride | 6 | 31.00 | 0.04 | Lateral |
| SWR_LTR_4383 | Polyvinyl Chloride | 6 | 38.60 | 0.04 | Lateral |
| SWR_LTR_4385 | Polyvinyl Chloride | 6 | 41.61 | 0.05 | Lateral |
| SWR_LTR_4386 | Polyvinyl Chloride | 6 | 40.70 | 0.05 | Lateral |
| SWR_LTR_4399 | Polyvinyl Chloride | 6 | 37.51 | 0.04 | Lateral |
| SWR_LTR_4402 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_4405 | Polyvinyl Chloride | 6 | 39.16 | 0.04 | Lateral |
| SWR_LTR_4408 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_4411 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_LTR_4414 | Polyvinyl Chloride | 6 | 56.08 | 0.06 | Lateral |
| SWR_LTR_4418 | Polyvinyl Chloride | 6 | 57.15 | 0.06 | Lateral |
| SWR_LTR_4421 | Polyvinyl Chloride | 6 | 13.13 | 0.01 | Lateral |
| SWR_LTR_4423 | Polyvinyl Chloride | 6 | 50.66 | 0.06 | Lateral |
| SWR_LTR_4426 | Polyvinyl Chloride | 6 | 14.94 | 0.02 | Lateral |
| SWR_LTR_4428 | Polyvinyl Chloride | 6 | 55.45 | 0.06 | Lateral |
| SWR_LTR_4430 | Polyvinyl Chloride | 6 | 19.18 | 0.02 | Lateral |
| SWR_LTR_4432 | Polyvinyl Chloride | 6 | 53.00 | 0.06 | Lateral |
| SWR_LTR_4437 | Polyvinyl Chloride | 6 | 52.66 | 0.06 | Lateral |
| SWR_LTR_4440 | Polyvinyl Chloride | 6 | 47.64 | 0.05 | Lateral |
| SWR_LTR_4443 | Polyvinyl Chloride | 6 | 13.55 | 0.02 | Lateral |
| SWR_LTR_4446 | Polyvinyl Chloride | 6 | 37.71 | 0.04 | Lateral |
| SWR_LTR_4448 | Polyvinyl Chloride | 6 | 19.73 | 0.02 | Lateral |
| SWR_LTR_4456 | Polyvinyl Chloride | 6 | 40.79 | 0.05 | Lateral |
| SWR_LTR_4461 | Polyvinyl Chloride | 6 | 41.07 | 0.05 | Lateral |
| SWR_LTR_4541 | Polyvinyl Chloride | 6 | 30.51 | 0.03 | Lateral |
| SWR_LTR_4565 | Polyvinyl Chloride | 6 | 17.86 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4567 | Polyvinyl Chloride | 6 | 16.98 | 0.02 | Lateral |
| SWR_LTR_4569 | Polyvinyl Chloride | 6 | 24.93 | 0.03 | Lateral |
| SWR_LTR_4571 | Polyvinyl Chloride | 6 | 26.13 | 0.03 | Lateral |
| SWR_LTR_4573 | Polyvinyl Chloride | 6 | 28.44 | 0.03 | Lateral |
| SWR_LTR_4769 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_4770 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_4771 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_4772 | Polyvinyl Chloride | 6 | 13.20 | 0.02 | Lateral |
| SWR_LTR_5615 | Polyvinyl Chloride | 6 | 14.74 | 0.02 | Lateral |
| SWR_LTR_5617 | Polyvinyl Chloride | 6 | 41.26 | 0.05 | Lateral |
| SWR_LTR_5620 | Polyvinyl Chloride | 6 | 41.56 | 0.05 | Lateral |
| SWR_LTR_5622 | Polyvinyl Chloride | 6 | 39.17 | 0.04 | Lateral |
| SWR_LTR_5818 | Polyvinyl Chloride | 6 | 41.96 | 0.05 | Lateral |
| SWR_LTR_5820 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_5821 | Polyvinyl Chloride | 6 | 5.41 | 0.01 | Lateral |
| SWR_LTR_5823 | Polyvinyl Chloride | 6 | 41.15 | 0.05 | Lateral |
| SWR_LTR_5825 | Polyvinyl Chloride | 6 | 37.50 | 0.04 | Lateral |
| SWR_LTR_5827 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_5829 | Polyvinyl Chloride | 6 | 42.31 | 0.05 | Lateral |
| SWR_LTR_5831 | Polyvinyl Chloride | 6 | 5.16 | 0.01 | Lateral |
| SWR_LTR_5833 | Polyvinyl Chloride | 6 | 26.03 | 0.03 | Lateral |
| SWR_LTR_5835 | Polyvinyl Chloride | 6 | 38.26 | 0.04 | Lateral |
| SWR_LTR_5892 | Polyvinyl Chloride | 6 | 55.09 | 0.06 | Lateral |
| SWR_LTR_5893 | Polyvinyl Chloride | 6 | 39.91 | 0.05 | Lateral |
| SWR_LTR_5894 | Polyvinyl Chloride | 6 | 40.06 | 0.05 | Lateral |
| SWR_LTR_5895 | Polyvinyl Chloride | 6 | 39.87 | 0.05 | Lateral |
| SWR_LTR_5897 | Polyvinyl Chloride | 6 | 48.62 | 0.06 | Lateral |
| SWR_LTR_5899 | Polyvinyl Chloride | 6 | 40.56 | 0.05 | Lateral |
| SWR_LTR_5904 | Polyvinyl Chloride | 6 | 85.12 | 0.10 | Lateral |
| SWR_LTR_5906 | Polyvinyl Chloride | 6 | 34.43 | 0.04 | Lateral |
| SWR_LTR_5908 | Polyvinyl Chloride | 6 | 41.07 | 0.05 | Lateral |
| SWR_LTR_5912 | Polyvinyl Chloride | 6 | 44.13 | 0.05 | Lateral |
| SWR_LTR_6394 | Polyvinyl Chloride | 6 | 39.14 | 0.04 | Lateral |
| SWR_LTR_6395 | Polyvinyl Chloride | 6 | 41.75 | 0.05 | Lateral |
| SWR_LTR_6396 | Polyvinyl Chloride | 6 | 27.74 | 0.03 | Lateral |
| SWR_LTR_6398 | Polyvinyl Chloride | 6 | 27.54 | 0.03 | Lateral |
| SWR_LTR_6400 | Polyvinyl Chloride | 6 | 33.46 | 0.04 | Lateral |
| SWR_LTR_6402 | Polyvinyl Chloride | 6 | 36.81 | 0.04 | Lateral |
| SWR_LTR_6404 | Polyvinyl Chloride | 6 | 35.66 | 0.04 | Lateral |
| SWR_LTR_6406 | Polyvinyl Chloride | 6 | 42.01 | 0.05 | Lateral |
| SWR_LTR_6408 | Polyvinyl Chloride | 6 | 44.40 | 0.05 | Lateral |
| SWR_LTR_6410 | Polyvinyl Chloride | 6 | 50.09 | 0.06 | Lateral |
| SWR_LTR_6411 | Polyvinyl Chloride | 6 | 49.82 | 0.06 | Lateral |
| SWR_LTR_6412 | Polyvinyl Chloride | 6 | 30.97 | 0.04 | Lateral |
| SWR_LTR_6413 | Polyvinyl Chloride | 6 | 34.07 | 0.04 | Lateral |
| SWR_LTR_6414 | Polyvinyl Chloride | 6 | 43.71 | 0.05 | Lateral |
| SWR_LTR_6416 | Polyvinyl Chloride | 6 | 37.33 | 0.04 | Lateral |
| SWR_LTR_6418 | Polyvinyl Chloride | 6 | 42.12 | 0.05 | Lateral |
| SWR_LTR_6420 | Polyvinyl Chloride | 6 | 43.68 | 0.05 | Lateral |
| SWR_LTR_6422 | Polyvinyl Chloride | 6 | 47.75 | 0.05 | Lateral |
| SWR_LTR_6423 | Polyvinyl Chloride | 6 | 44.54 | 0.05 | Lateral |
| SWR_LTR_6424 | Polyvinyl Chloride | 6 | 46.84 | 0.05 | Lateral |
| SWR_LTR_6426 | Polyvinyl Chloride | 6 | 42.85 | 0.05 | Lateral |
| SWR_LTR_6428 | Polyvinyl Chloride | 6 | 42.91 | 0.05 | Lateral |
| SWR_LTR_6430 | Polyvinyl Chloride | 6 | 45.86 | 0.05 | Lateral |
| SWR_LTR_6432 | Polyvinyl Chloride | 6 | 39.75 | 0.05 | Lateral |
| SWR_LTR_6434 | Polyvinyl Chloride | 6 | 41.15 | 0.05 | Lateral |
| SWR_LTR_6435 | Polyvinyl Chloride | 6 | 42.75 | 0.05 | Lateral |
| SWR_LTR_6437 | Polyvinyl Chloride | 6 | 41.78 | 0.05 | Lateral |
| SWR_LTR_6438 | Polyvinyl Chloride | 6 | 43.23 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6440 | Polyvinyl Chloride | 6 | 41.83 | 0.05 | Lateral |
| SWR_LTR_6442 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_6444 | Polyvinyl Chloride | 6 | 43.37 | 0.05 | Lateral |
| SWR_LTR_6446 | Polyvinyl Chloride | 6 | 42.50 | 0.05 | Lateral |
| SWR_LTR_6448 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_6450 | Polyvinyl Chloride | 6 | 41.78 | 0.05 | Lateral |
| SWR_LTR_6452 | Polyvinyl Chloride | 6 | 44.07 | 0.05 | Lateral |
| SWR_LTR_6464 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_6465 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_6466 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_6467 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_6468 | Polyvinyl Chloride | 6 | 40.32 | 0.05 | Lateral |
| SWR_LTR_6469 | Polyvinyl Chloride | 6 | 37.95 | 0.04 | Lateral |
| SWR_LTR_6470 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_6471 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_6472 | Polyvinyl Chloride | 6 | 6.24 | 0.01 | Lateral |
| SWR_LTR_6473 | Polyvinyl Chloride | 6 | 12.51 | 0.01 | Lateral |
| SWR_LTR_6474 | Polyvinyl Chloride | 6 | 12.71 | 0.01 | Lateral |
| SWR_LTR_6476 | Polyvinyl Chloride | 6 | 37.87 | 0.04 | Lateral |
| SWR_LTR_6477 | Polyvinyl Chloride | 6 | 44.54 | 0.05 | Lateral |
| SWR_LTR_6478 | Polyvinyl Chloride | 6 | 42.87 | 0.05 | Lateral |
| SWR_LTR_6479 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_6480 | Polyvinyl Chloride | 6 | 45.26 | 0.05 | Lateral |
| SWR_LTR_6481 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_6482 | Polyvinyl Chloride | 6 | 42.68 | 0.05 | Lateral |
| SWR_LTR_6483 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_6484 | Polyvinyl Chloride | 6 | 11.35 | 0.01 | Lateral |
| SWR_LTR_6485 | Polyvinyl Chloride | 6 | 15.77 | 0.02 | Lateral |
| SWR_LTR_6486 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_6487 | Polyvinyl Chloride | 6 | 9.11 | 0.01 | Lateral |
| SWR_LTR_6488 | Polyvinyl Chloride | 6 | 9.17 | 0.01 | Lateral |
| SWR_LTR_6490 | Polyvinyl Chloride | 6 | 36.32 | 0.04 | Lateral |
| SWR_LTR_6492 | Polyvinyl Chloride | 6 | 44.82 | 0.05 | Lateral |
| SWR_LTR_6494 | Polyvinyl Chloride | 6 | 38.98 | 0.04 | Lateral |
| SWR_LTR_6495 | Polyvinyl Chloride | 6 | 50.44 | 0.06 | Lateral |
| SWR_LTR_6497 | Polyvinyl Chloride | 6 | 49.39 | 0.06 | Lateral |
| SWR_LTR_6499 | Polyvinyl Chloride | 6 | 47.65 | 0.05 | Lateral |
| SWR_LTR_6501 | Polyvinyl Chloride | 6 | 46.25 | 0.05 | Lateral |
| SWR_LTR_6503 | Polyvinyl Chloride | 6 | 35.76 | 0.04 | Lateral |
| SWR_LTR_6505 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_6506 | Polyvinyl Chloride | 6 | 35.27 | 0.04 | Lateral |
| SWR_LTR_6508 | Polyvinyl Chloride | 6 | 53.30 | 0.06 | Lateral |
| SWR_LTR_6509 | Polyvinyl Chloride | 6 | 47.62 | 0.05 | Lateral |
| SWR_LTR_6510 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_6511 | Polyvinyl Chloride | 6 | 38.65 | 0.04 | Lateral |
| SWR_LTR_6512 | Polyvinyl Chloride | 6 | 35.94 | 0.04 | Lateral |
| SWR_LTR_6513 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_6514 | Polyvinyl Chloride | 6 | 43.52 | 0.05 | Lateral |
| SWR_LTR_6516 | Polyvinyl Chloride | 6 | 35.26 | 0.04 | Lateral |
| SWR_LTR_6517 | Polyvinyl Chloride | 6 | 37.25 | 0.04 | Lateral |
| SWR_LTR_6519 | Polyvinyl Chloride | 6 | 43.05 | 0.05 | Lateral |
| SWR_LTR_6520 | Polyvinyl Chloride | 6 | 42.08 | 0.05 | Lateral |
| SWR_LTR_6522 | Polyvinyl Chloride | 6 | 42.84 | 0.05 | Lateral |
| SWR_LTR_6523 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_6524 | Polyvinyl Chloride | 6 | 37.31 | 0.04 | Lateral |
| SWR_LTR_6525 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_6526 | Polyvinyl Chloride | 6 | 37.67 | 0.04 | Lateral |
| SWR_LTR_6527 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_6528 | Polyvinyl Chloride | 6 | 47.62 | 0.05 | Lateral |
| SWR_LTR_6529 | Polyvinyl Chloride | 6 | 39.78 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6530 | Polyvinyl Chloride | 6 | 39.96 | 0.05 | Lateral |
| SWR_LTR_6531 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_6532 | Polyvinyl Chloride | 6 | 52.22 | 0.06 | Lateral |
| SWR_LTR_6533 | Polyvinyl Chloride | 6 | 52.04 | 0.06 | Lateral |
| SWR_LTR_6534 | Polyvinyl Chloride | 6 | 39.15 | 0.04 | Lateral |
| SWR_LTR_6535 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_6536 | Polyvinyl Chloride | 6 | 48.21 | 0.05 | Lateral |
| SWR_LTR_6537 | Polyvinyl Chloride | 6 | 40.61 | 0.05 | Lateral |
| SWR_LTR_6538 | Polyvinyl Chloride | 6 | 40.68 | 0.05 | Lateral |
| SWR_LTR_6540 | Polyvinyl Chloride | 6 | 42.75 | 0.05 | Lateral |
| SWR_LTR_6542 | Polyvinyl Chloride | 6 | 43.08 | 0.05 | Lateral |
| SWR_LTR_6544 | Polyvinyl Chloride | 6 | 43.46 | 0.05 | Lateral |
| SWR_LTR_6546 | Polyvinyl Chloride | 6 | 44.24 | 0.05 | Lateral |
| SWR_LTR_6548 | Polyvinyl Chloride | 6 | 45.34 | 0.05 | Lateral |
| SWR_LTR_6550 | Polyvinyl Chloride | 6 | 46.47 | 0.05 | Lateral |
| SWR_LTR_6551 | Polyvinyl Chloride | 6 | 42.85 | 0.05 | Lateral |
| SWR_LTR_6552 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_6553 | Polyvinyl Chloride | 6 | 43.47 | 0.05 | Lateral |
| SWR_LTR_6554 | Polyvinyl Chloride | 6 | 38.65 | 0.04 | Lateral |
| SWR_LTR_6555 | Polyvinyl Chloride | 6 | 39.09 | 0.04 | Lateral |
| SWR_LTR_6556 | Polyvinyl Chloride | 6 | 39.56 | 0.04 | Lateral |
| SWR_LTR_6557 | Polyvinyl Chloride | 6 | 42.32 | 0.05 | Lateral |
| SWR_LTR_6558 | Polyvinyl Chloride | 6 | 41.64 | 0.05 | Lateral |
| SWR_LTR_6559 | Polyvinyl Chloride | 6 | 41.11 | 0.05 | Lateral |
| SWR_LTR_6560 | Polyvinyl Chloride | 6 | 2.96 | 0.003 | Lateral |
| SWR_LTR_6561 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_6562 | Polyvinyl Chloride | 6 | 3.83 | 0.004 | Lateral |
| SWR_LTR_6563 | Polyvinyl Chloride | 6 | 3.40 | 0.004 | Lateral |
| SWR_LTR_6564 | Polyvinyl Chloride | 6 | 3.96 | 0.004 | Lateral |
| SWR_LTR_6565 | Polyvinyl Chloride | 6 | 4.42 | 0.01 | Lateral |
| SWR_LTR_6566 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_6568 | Polyvinyl Chloride | 6 | 3.28 | 0.004 | Lateral |
| SWR_LTR_6570 | Polyvinyl Chloride | 6 | 7.02 | 0.01 | Lateral |
| SWR_LTR_6572 | Polyvinyl Chloride | 6 | 4.01 | 0.005 | Lateral |
| SWR_LTR_6574 | Polyvinyl Chloride | 6 | 2.76 | 0.003 | Lateral |
| SWR_LTR_6576 | Polyvinyl Chloride | 6 | 6.07 | 0.01 | Lateral |
| SWR_LTR_6578 | Polyvinyl Chloride | 6 | 5.61 | 0.01 | Lateral |
| SWR_LTR_6580 | Polyvinyl Chloride | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_6582 | Polyvinyl Chloride | 6 | 3.80 | 0.004 | Lateral |
| SWR_LTR_6584 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_6586 | Polyvinyl Chloride | 6 | 3.97 | 0.005 | Lateral |
| SWR_LTR_6587 | Polyvinyl Chloride | 6 | 3.97 | 0.005 | Lateral |
| SWR_LTR_6589 | Polyvinyl Chloride | 6 | 3.82 | 0.004 | Lateral |
| SWR_LTR_6591 | Polyvinyl Chloride | 6 | 3.84 | 0.004 | Lateral |
| SWR_LTR_6593 | Polyvinyl Chloride | 6 | 4.01 | 0.005 | Lateral |
| SWR_LTR_6595 | Polyvinyl Chloride | 6 | 3.21 | 0.004 | Lateral |
| SWR_LTR_6597 | Polyvinyl Chloride | 6 | 3.43 | 0.004 | Lateral |
| SWR_LTR_6599 | Polyvinyl Chloride | 6 | 3.22 | 0.004 | Lateral |
| SWR_LTR_6601 | Polyvinyl Chloride | 6 | 4.42 | 0.01 | Lateral |
| SWR_LTR_6603 | Polyvinyl Chloride | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_6605 | Polyvinyl Chloride | 6 | 3.28 | 0.004 | Lateral |
| SWR_LTR_6607 | Polyvinyl Chloride | 6 | 3.16 | 0.004 | Lateral |
| SWR_LTR_6609 | Polyvinyl Chloride | 6 | 3.53 | 0.004 | Lateral |
| SWR_LTR_6611 | Polyvinyl Chloride | 6 | 3.90 | 0.004 | Lateral |
| SWR_LTR_6612 | Polyvinyl Chloride | 6 | 8.36 | 0.01 | Lateral |
| SWR_LTR_6721 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_6722 | Polyvinyl Chloride | 6 | 1.69 | 0.002 | Lateral |
| SWR_LTR_6724 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_6725 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_6980 | Polyvinyl Chloride | 6 | 9.36 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6982 | Polyvinyl Chloride | 6 | 5.89 | 0.01 | Lateral |
| SWR_LTR_6984 | Polyvinyl Chloride | 6 | 8.04 | 0.01 | Lateral |
| SWR_LTR_6987 | Polyvinyl Chloride | 6 | 3.63 | 0.004 | Lateral |
| SWR_LTR_6988 | Polyvinyl Chloride | 6 | 7.49 | 0.01 | Lateral |
| SWR_LTR_6989 | Polyvinyl Chloride | 6 | 4.41 | 0.01 | Lateral |
| SWR_LTR_6990 | Polyvinyl Chloride | 6 | 4.50 | 0.01 | Lateral |
| SWR_LTR_6991 | Polyvinyl Chloride | 6 | 5.12 | 0.01 | Lateral |
| SWR_LTR_6992 | Polyvinyl Chloride | 6 | 5.38 | 0.01 | Lateral |
| SWR_LTR_6993 | Polyvinyl Chloride | 6 | 4.60 | 0.01 | Lateral |
| SWR_LTR_6994 | Polyvinyl Chloride | 6 | 4.17 | 0.005 | Lateral |
| SWR_LTR_6995 | Polyvinyl Chloride | 6 | 4.80 | 0.01 | Lateral |
| SWR_LTR_6996 | Polyvinyl Chloride | 6 | 6.34 | 0.01 | Lateral |
| SWR_LTR_6997 | Polyvinyl Chloride | 6 | 4.86 | 0.01 | Lateral |
| SWR_LTR_6998 | Polyvinyl Chloride | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_6999 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_7000 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_7001 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_7003 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_7004 | Polyvinyl Chloride | 6 | 4.62 | 0.01 | Lateral |
| SWR_LTR_7005 | Polyvinyl Chloride | 6 | 4.05 | 0.005 | Lateral |
| SWR_LTR_7007 | Polyvinyl Chloride | 6 | 3.47 | 0.004 | Lateral |
| SWR_LTR_7009 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_7010 | Polyvinyl Chloride | 6 | 12.60 | 0.01 | Lateral |
| SWR_LTR_7013 | Polyvinyl Chloride | 6 | 28.85 | 0.03 | Lateral |
| SWR_LTR_7015 | Polyvinyl Chloride | 6 | 23.52 | 0.03 | Lateral |
| SWR_LTR_7017 | Polyvinyl Chloride | 6 | 23.13 | 0.03 | Lateral |
| SWR_LTR_7018 | Polyvinyl Chloride | 6 | 22.92 | 0.03 | Lateral |
| SWR_LTR_7019 | Polyvinyl Chloride | 6 | 24.37 | 0.03 | Lateral |
| SWR_LTR_7027 | Polyvinyl Chloride | 6 | 24.42 | 0.03 | Lateral |
| SWR_LTR_7028 | Polyvinyl Chloride | 6 | 23.48 | 0.03 | Lateral |
| SWR_LTR_7030 | Polyvinyl Chloride | 6 | 23.01 | 0.03 | Lateral |
| SWR_LTR_7032 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_7033 | Polyvinyl Chloride | 6 | 22.71 | 0.03 | Lateral |
| SWR_LTR_7162 | Polyvinyl Chloride | 6 | 3.18 | 0.004 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1000 | Concrete (Non-Reinforced) | 8 | 390.50 | 0.59 | Main |
| SWR_GRV_1001 | Concrete (Non-Reinforced) | 8 | 398.88 | 0.60 | Main |
| SWR_GRV_1002 | Concrete (Non-Reinforced) | 8 | 311.15 | 0.47 | Main |
| SWR_GRV_1034 | Concrete (Non-Reinforced) | 8 | 170.87 | 0.26 | Main |
| SWR_GRV_1035 | Concrete (Non-Reinforced) | 8 | 8.30 | 0.01 | Main |
| SWR_GRV_1036 | Concrete (Non-Reinforced) | 10 | 207.55 | 0.39 | Main |
| SWR_GRV_1037 | Concrete (Non-Reinforced) | 10 | 153.99 | 0.29 | Main |
| SWR_GRV_1133 | Concrete (Non-Reinforced) | 8 | 41.00 | 0.06 | Main |
| SWR_GRV_1135 | Concrete (Non-Reinforced) | 8 | 92.32 | 0.14 | Main |
| SWR_GRV_1136 | Concrete (Non-Reinforced) | 8 | 106.94 | 0.16 | Main |
| SWR_GRV_1137 | Concrete (Non-Reinforced) | 8 | 308.27 | 0.47 | Main |
| SWR_GRV_1138 | Concrete (Non-Reinforced) | 8 | 271.57 | 0.41 | Main |
| SWR_GRV_1139 | Concrete (Non-Reinforced) | 8 | 210.97 | 0.32 | Main |
| SWR_GRV_1140 | Concrete (Non-Reinforced) | 8 | 402.15 | 0.61 | Main |
| SWR_GRV_1141 | Concrete (Non-Reinforced) | 8 | 363.27 | 0.55 | Main |
| SWR_GRV_1142 | Concrete (Non-Reinforced) | 8 | 299.32 | 0.45 | Main |
| SWR_GRV_1143 | Concrete (Non-Reinforced) | 8 | 229.20 | 0.35 | Main |
| SWR_GRV_1144 | Concrete (Non-Reinforced) | 8 | 246.80 | 0.37 | Main |
| SWR_GRV_1147 | Concrete (Non-Reinforced) | 8 | 71.46 | 0.11 | Main |
| SWR_GRV_1155 | Concrete (Non-Reinforced) | 8 | 392.15 | 0.59 | Main |
| SWR_GRV_1156 | Concrete (Non-Reinforced) | 8 | 279.25 | 0.42 | Main |
| SWR_GRV_1157 | Concrete (Non-Reinforced) | 8 | 203.05 | 0.31 | Main |
| SWR_GRV_1158 | Concrete (Non-Reinforced) | 8 | 254.23 | 0.39 | Main |
| SWR_GRV_1159 | Concrete (Non-Reinforced) | 8 | 241.94 | 0.37 | Main |
| SWR_GRV_1160 | Concrete (Non-Reinforced) | 8 | 279.69 | 0.42 | Main |
| SWR_GRV_1161 | Concrete (Non-Reinforced) | 8 | 165.79 | 0.25 | Main |
| SWR_GRV_1162 | Concrete (Non-Reinforced) | 8 | 37.50 | 0.06 | Main |
| SWR_GRV_1163 | Concrete (Non-Reinforced) | 8 | 272.96 | 0.41 | Main |
| SWR_GRV_1164 | Concrete (Non-Reinforced) | 8 | 311.66 | 0.47 | Main |
| SWR_GRV_1165 | Concrete (Non-Reinforced) | 8 | 272.18 | 0.41 | Main |
| SWR_GRV_1166 | Concrete (Non-Reinforced) | 8 | 254.41 | 0.39 | Main |
| SWR_GRV_1167 | Concrete (Non-Reinforced) | 8 | 170.28 | 0.26 | Main |
| SWR_GRV_1168 | Concrete (Non-Reinforced) | 8 | 352.82 | 0.53 | Main |
| SWR_GRV_1169 | Concrete (Non-Reinforced) | 8 | 216.88 | 0.33 | Main |
| SWR_GRV_1170 | Concrete (Non-Reinforced) | 8 | 324.06 | 0.49 | Main |
| SWR_GRV_1171 | Concrete (Non-Reinforced) | 8 | 367.08 | 0.56 | Main |
| SWR_GRV_1173 | Concrete (Non-Reinforced) | 8 | 327.83 | 0.50 | Main |
| SWR_GRV_1174 | Concrete (Non-Reinforced) | 8 | 110.27 | 0.17 | Main |
| SWR_GRV_1175 | Concrete (Non-Reinforced) | 8 | 206.70 | 0.31 | Main |
| SWR_GRV_1176 | Concrete (Non-Reinforced) | 8 | 118.83 | 0.18 | Main |
| SWR_GRV_1177 | Concrete (Non-Reinforced) | 8 | 306.82 | 0.46 | Main |
| SWR_GRV_1178 | Concrete (Non-Reinforced) | 8 | 324.63 | 0.49 | Main |
| SWR_GRV_1179 | Concrete (Non-Reinforced) | 8 | 385.17 | 0.58 | Main |
| SWR_GRV_1180 | Concrete (Non-Reinforced) | 8 | 157.13 | 0.24 | Main |
| SWR_GRV_1181 | Concrete (Non-Reinforced) | 8 | 182.20 | 0.28 | Main |
| SWR_GRV_1182 | Concrete (Non-Reinforced) | 8 | 321.61 | 0.49 | Main |
| SWR_GRV_1183 | Concrete (Non-Reinforced) | 8 | 315.70 | 0.48 | Main |
| SWR_GRV_1184 | Concrete (Non-Reinforced) | 8 | 134.77 | 0.20 | Main |
| SWR_GRV_1185 | Concrete (Non-Reinforced) | 8 | 82.00 | 0.12 | Main |
| SWR_GRV_1186 | Concrete (Non-Reinforced) | 8 | 134.00 | 0.20 | Main |
| SWR_GRV_1187 | Concrete (Non-Reinforced) | 8 | 134.03 | 0.20 | Main |
| SWR_GRV_1188 | Concrete (Non-Reinforced) | 8 | 148.56 | 0.23 | Main |
| SWR_GRV_1189 | Concrete (Non-Reinforced) | 8 | 368.73 | 0.56 | Main |
| SWR_GRV_1190 | Concrete (Non-Reinforced) | 8 | 251.68 | 0.38 | Main |
| SWR_GRV_1191 | Concrete (Non-Reinforced) | 8 | 246.05 | 0.37 | Main |
| SWR_GRV_22 | Concrete (Non-Reinforced) | 8 | 259.60 | 0.39 | Main |
| SWR_GRV_23 | Concrete (Non-Reinforced) | 8 | 364.34 | 0.55 | Main |
| SWR_GRV_2357 | Terra Cotta | 12 | 302.01 | 0.69 | Main |
| SWR_GRV_24 | Concrete (Non-Reinforced) | 8 | 290.10 | 0.44 | Main |
| SWR_GRV_25 | Concrete (Non-Reinforced) | 8 | 185.50 | 0.28 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_26 | Concrete (Non-Reinforced) | 8 | 237.75 | 0.36 | Main |
| SWR_GRV_3397 | Terra Cotta | 8 | 219.13 | 0.33 | Main |
| SWR_GRV_34 | Concrete (Non-Reinforced) | 8 | 257.94 | 0.39 | Main |
| SWR_GRV_3407 | Terra Cotta | 8 | 284.65 | 0.43 | Main |
| SWR_GRV_3409 | Terra Cotta | 8 | 298.71 | 0.45 | Main |
| SWR_GRV_3411 | Terra Cotta | 8 | 278.24 | 0.42 | Main |
| SWR_GRV_3413 | Terra Cotta | 8 | 288.11 | 0.44 | Main |
| SWR_GRV_3415 | Terra Cotta | 8 | 269.92 | 0.41 | Main |
| SWR_GRV_3419 | Terra Cotta | 8 | 287.10 | 0.43 | Main |
| SWR_GRV_35 | Concrete (Non-Reinforced) | 8 | 241.82 | 0.37 | Main |
| SWR_GRV_477 | Concrete (Non-Reinforced) | 8 | 306.23 | 0.46 | Main |
| SWR_GRV_478 | Concrete (Non-Reinforced) | 8 | 224.42 | 0.34 | Main |
| SWR_GRV_479 | Concrete (Non-Reinforced) | 8 | 261.78 | 0.40 | Main |
| SWR_GRV_480 | Concrete (Non-Reinforced) | 8 | 187.89 | 0.28 | Main |
| SWR_GRV_481 | Concrete (Non-Reinforced) | 8 | 150.62 | 0.23 | Main |
| SWR_GRV_482 | Concrete (Non-Reinforced) | 8 | 127.15 | 0.19 | Main |
| SWR_GRV_483 | Concrete (Non-Reinforced) | 8 | 196.58 | 0.30 | Main |
| SWR_GRV_4880 | Terra Cotta | 8 | 220.88 | 0.33 | Main |
| SWR_GRV_4896 | Polyvinyl Chloride | 8 | 225.30 | 0.34 | Main |
| SWR_GRV_4904 | Polyvinyl Chloride | 8 | 201.28 | 0.30 | Main |
| SWR_GRV_492 | Concrete (Non-Reinforced) | 8 | 165.93 | 0.25 | Main |
| SWR_GRV_493 | Concrete (Non-Reinforced) | 8 | 238.42 | 0.36 | Main |
| SWR_GRV_494 | Concrete (Non-Reinforced) | 8 | 217.21 | 0.33 | Main |
| SWR_GRV_495 | Concrete (Non-Reinforced) | 8 | 278.87 | 0.42 | Main |
| SWR_GRV_507 | Concrete (Non-Reinforced) | 8 | 282.18 | 0.43 | Main |
| SWR_GRV_508 | Concrete (Non-Reinforced) | 8 | 249.66 | 0.38 | Main |
| SWR_GRV_509 | Concrete (Non-Reinforced) | 8 | 260.19 | 0.39 | Main |
| SWR_GRV_510 | Concrete (Non-Reinforced) | 8 | 217.18 | 0.33 | Main |
| SWR_GRV_511 | Concrete (Non-Reinforced) | 8 | 230.95 | 0.35 | Main |
| SWR_GRV_5605 | Terra Cotta | 12 | 168.01 | 0.38 | Main |
| SWR_GRV_5607 | Terra Cotta | 12 | 302.55 | 0.69 | Main |
| SWR_GRV_5609 | Terra Cotta | 12 | 272.73 | 0.62 | Main |
| SWR_GRV_5611 | Terra Cotta | 12 | 37.31 | 0.08 | Main |
| SWR_GRV_5614 | Terra Cotta | 12 | 211.80 | 0.48 | Main |
| SWR_GRV_5618 | Terra Cotta | 15 | 215.65 | 0.61 | Main |
| SWR_GRV_5621 | Terra Cotta | 12 | 156.92 | 0.36 | Main |
| SWR_GRV_5623 | Terra Cotta | 8 | 414.88 | 0.63 | Main |
| SWR_GRV_5625 | Terra Cotta | 8 | 269.32 | 0.41 | Main |
| SWR_GRV_5627 | Terra Cotta | 8 | 167.25 | 0.25 | Main |
| SWR_GRV_5631 | Terra Cotta | 8 | 406.37 | 0.62 | Main |
| SWR_GRV_5633 | Terra Cotta | 12 | 325.65 | 0.74 | Main |
| SWR_GRV_5635 | Terra Cotta | 8 | 265.99 | 0.40 | Main |
| SWR_GRV_5640 | Terra Cotta | 8 | 184.71 | 0.28 | Main |
| SWR_GRV_5642 | Terra Cotta | 8 | 150.07 | 0.23 | Main |
| SWR_GRV_5644 | Terra Cotta | 8 | 322.58 | 0.49 | Main |
| SWR_GRV_5645 | Terra Cotta | 8 | 354.56 | 0.54 | Main |
| SWR_GRV_5649 | Terra Cotta | 8 | 98.20 | 0.15 | Main |
| SWR_GRV_5666 | Terra Cotta | 8 | 216.94 | 0.33 | Main |
| SWR_GRV_5697 | Polyvinyl Chloride | 8 | 329.43 | 0.50 | Main |
| SWR_GRV_5710 | Terra Cotta | 8 | 149.58 | 0.23 | Main |
| SWR_GRV_5712 | Terra Cotta | 8 | 103.19 | 0.16 | Main |
| SWR_GRV_5718 | Terra Cotta | 8 | 238.86 | 0.36 | Main |
| SWR_GRV_5762 | Terra Cotta | 8 | 179.08 | 0.27 | Main |
| SWR_GRV_982 | Concrete (Non-Reinforced) | 8 | 6.81 | 0.01 | Main |
| SWR_GRV_983 | Concrete (Non-Reinforced) | 8 | 8.37 | 0.01 | Main |
| SWR_GRV_984 | Concrete (Non-Reinforced) | 8 | 92.99 | 0.14 | Main |
| SWR_GRV_996 | Concrete (Non-Reinforced) | 8 | 126.32 | 0.19 | Main |
| SWR_GRV_999 | Concrete (Non-Reinforced) | 8 | 292.61 | 0.44 | Main |
| SWR_LTR_10513 | Polyvinyl Chloride | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_11073 | Polyvinyl Chloride | 6 | 5.31 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11074 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_13539 | Polyvinyl Chloride | 6 | 4.03 | 0.005 | Lateral |
| SWR_LTR_13540 | Polyvinyl Chloride | 6 | 3.52 | 0.004 | Lateral |
| SWR_LTR_13541 | Polyvinyl Chloride | 6 | 3.85 | 0.004 | Lateral |
| SWR_LTR_13542 | Polyvinyl Chloride | 6 | 2.78 | 0.003 | Lateral |
| SWR_LTR_13543 | Polyvinyl Chloride | 6 | 3.15 | 0.004 | Lateral |
| SWR_LTR_13544 | Polyvinyl Chloride | 6 | 3.80 | 0.004 | Lateral |
| SWR_LTR_13545 | Polyvinyl Chloride | 6 | 4.67 | 0.01 | Lateral |
| SWR_LTR_13546 | Polyvinyl Chloride | 6 | 3.41 | 0.004 | Lateral |
| SWR_LTR_13547 | Polyvinyl Chloride | 6 | 4.50 | 0.01 | Lateral |
| SWR_LTR_13548 | Polyvinyl Chloride | 6 | 3.95 | 0.004 | Lateral |
| SWR_LTR_13549 | Polyvinyl Chloride | 6 | 4.57 | 0.01 | Lateral |
| SWR_LTR_13550 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_13551 | Polyvinyl Chloride | 6 | 4.04 | 0.005 | Lateral |
| SWR_LTR_13552 | Polyvinyl Chloride | 6 | 3.36 | 0.004 | Lateral |
| SWR_LTR_13553 | Polyvinyl Chloride | 6 | 3.67 | 0.004 | Lateral |
| SWR_LTR_13554 | Polyvinyl Chloride | 6 | 3.95 | 0.004 | Lateral |
| SWR_LTR_13555 | Polyvinyl Chloride | 6 | 2.06 | 0.002 | Lateral |
| SWR_LTR_13556 | Polyvinyl Chloride | 6 | 1.97 | 0.002 | Lateral |
| SWR_LTR_13557 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_13558 | Polyvinyl Chloride | 6 | 1.62 | 0.002 | Lateral |
| SWR_LTR_13559 | Polyvinyl Chloride | 6 | 1.65 | 0.002 | Lateral |
| SWR_LTR_13560 | Polyvinyl Chloride | 6 | 1.64 | 0.002 | Lateral |
| SWR_LTR_13561 | Polyvinyl Chloride | 6 | 4.89 | 0.01 | Lateral |
| SWR_LTR_13562 | Polyvinyl Chloride | 6 | 3.09 | 0.004 | Lateral |
| SWR_LTR_13563 | Polyvinyl Chloride | 6 | 3.39 | 0.004 | Lateral |
| SWR_LTR_13564 | Polyvinyl Chloride | 6 | 2.76 | 0.003 | Lateral |
| SWR_LTR_13565 | Polyvinyl Chloride | 6 | 2.77 | 0.003 | Lateral |
| SWR_LTR_13566 | Polyvinyl Chloride | 6 | 4.33 | 0.005 | Lateral |
| SWR_LTR_13567 | Polyvinyl Chloride | 6 | 4.57 | 0.01 | Lateral |
| SWR_LTR_13568 | Polyvinyl Chloride | 6 | 3.93 | 0.004 | Lateral |
| SWR_LTR_13569 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_13570 | Polyvinyl Chloride | 6 | 5.07 | 0.01 | Lateral |
| SWR_LTR_13571 | Polyvinyl Chloride | 6 | 3.93 | 0.004 | Lateral |
| SWR_LTR_13572 | Polyvinyl Chloride | 6 | 3.24 | 0.004 | Lateral |
| SWR_LTR_13573 | Polyvinyl Chloride | 6 | 4.77 | 0.01 | Lateral |
| SWR_LTR_13574 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_13575 | Polyvinyl Chloride | 6 | 4.76 | 0.01 | Lateral |
| SWR_LTR_13629 | Polyvinyl Chloride | 6 | 5.86 | 0.01 | Lateral |
| SWR_LTR_13630 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_13631 | Polyvinyl Chloride | 6 | 4.72 | 0.01 | Lateral |
| SWR_LTR_13644 | Polyvinyl Chloride | 6 | 4.62 | 0.01 | Lateral |
| SWR_LTR_13645 | Polyvinyl Chloride | 6 | 3.92 | 0.004 | Lateral |
| SWR_LTR_13646 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_13647 | Polyvinyl Chloride | 6 | 3.59 | 0.004 | Lateral |
| SWR_LTR_13648 | Polyvinyl Chloride | 6 | 5.09 | 0.01 | Lateral |
| SWR_LTR_13649 | Polyvinyl Chloride | 6 | 3.99 | 0.005 | Lateral |
| SWR_LTR_13650 | Polyvinyl Chloride | 6 | 4.45 | 0.01 | Lateral |
| SWR_LTR_13651 | Polyvinyl Chloride | 6 | 4.33 | 0.005 | Lateral |
| SWR_LTR_13652 | Polyvinyl Chloride | 6 | 4.86 | 0.01 | Lateral |
| SWR_LTR_13653 | Polyvinyl Chloride | 6 | 4.48 | 0.01 | Lateral |
| SWR_LTR_13654 | Polyvinyl Chloride | 6 | 4.60 | 0.01 | Lateral |
| SWR_LTR_13655 | Polyvinyl Chloride | 6 | 3.01 | 0.003 | Lateral |
| SWR_LTR_13656 | Polyvinyl Chloride | 6 | 4.71 | 0.01 | Lateral |
| SWR_LTR_13657 | Polyvinyl Chloride | 6 | 4.70 | 0.01 | Lateral |
| SWR_LTR_13658 | Polyvinyl Chloride | 6 | 4.74 | 0.01 | Lateral |
| SWR_LTR_13659 | Polyvinyl Chloride | 6 | 5.07 | 0.01 | Lateral |
| SWR_LTR_13660 | Polyvinyl Chloride | 6 | 4.02 | 0.005 | Lateral |
| SWR_LTR_13661 | Polyvinyl Chloride | 6 | 3.97 | 0.005 | Lateral |
| SWR_LTR_13662 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13663 | Polyvinyl Chloride | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_13678 | Polyvinyl Chloride | 6 | 5.88 | 0.01 | Lateral |
| SWR_LTR_13679 | Polyvinyl Chloride | 6 | 4.87 | 0.01 | Lateral |
| SWR_LTR_13680 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_13681 | Polyvinyl Chloride | 6 | 3.76 | 0.004 | Lateral |
| SWR_LTR_13682 | Polyvinyl Chloride | 6 | 3.82 | 0.004 | Lateral |
| SWR_LTR_13683 | Polyvinyl Chloride | 6 | 3.53 | 0.004 | Lateral |
| SWR_LTR_13684 | Polyvinyl Chloride | 6 | 3.34 | 0.004 | Lateral |
| SWR_LTR_13685 | Polyvinyl Chloride | 6 | 3.13 | 0.004 | Lateral |
| SWR_LTR_13686 | Polyvinyl Chloride | 6 | 3.40 | 0.004 | Lateral |
| SWR_LTR_13687 | Polyvinyl Chloride | 6 | 3.96 | 0.004 | Lateral |
| SWR_LTR_13688 | Polyvinyl Chloride | 6 | 3.89 | 0.004 | Lateral |
| SWR_LTR_13689 | Polyvinyl Chloride | 6 | 3.53 | 0.004 | Lateral |
| SWR_LTR_13843 | Polyvinyl Chloride | 6 | 4.02 | 0.005 | Lateral |
| SWR_LTR_13844 | Polyvinyl Chloride | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_14108 | Polyvinyl Chloride | 6 | 5.98 | 0.01 | Lateral |
| SWR_LTR_14109 | Polyvinyl Chloride | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_14110 | Polyvinyl Chloride | 6 | 5.95 | 0.01 | Lateral |
| SWR_LTR_14111 | Polyvinyl Chloride | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_14115 | Polyvinyl Chloride | 6 | 4.43 | 0.01 | Lateral |
| SWR_LTR_14122 | Polyvinyl Chloride | 6 | 4.67 | 0.01 | Lateral |
| SWR_LTR_14123 | Polyvinyl Chloride | 6 | 5.95 | 0.01 | Lateral |
| SWR_LTR_14124 | Polyvinyl Chloride | 6 | 4.98 | 0.01 | Lateral |
| SWR_LTR_14125 | Polyvinyl Chloride | 6 | 6.16 | 0.01 | Lateral |
| SWR_LTR_14126 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_14127 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_14128 | Polyvinyl Chloride | 6 | 4.73 | 0.01 | Lateral |
| SWR_LTR_14129 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_14130 | Polyvinyl Chloride | 6 | 5.82 | 0.01 | Lateral |
| SWR_LTR_14131 | Polyvinyl Chloride | 6 | 6.34 | 0.01 | Lateral |
| SWR_LTR_14132 | Polyvinyl Chloride | 6 | 5.85 | 0.01 | Lateral |
| SWR_LTR_14133 | Polyvinyl Chloride | 6 | 4.39 | 0.005 | Lateral |
| SWR_LTR_14134 | Polyvinyl Chloride | 6 | 5.33 | 0.01 | Lateral |
| SWR_LTR_14135 | Polyvinyl Chloride | 6 | 4.66 | 0.01 | Lateral |
| SWR_LTR_14136 | Polyvinyl Chloride | 6 | 4.69 | 0.01 | Lateral |
| SWR_LTR_14137 | Polyvinyl Chloride | 6 | 5.11 | 0.01 | Lateral |
| SWR_LTR_14138 | Polyvinyl Chloride | 6 | 5.06 | 0.01 | Lateral |
| SWR_LTR_14199 | Polyvinyl Chloride | 6 | 3.87 | 0.004 | Lateral |
| SWR_LTR_14200 | Polyvinyl Chloride | 6 | 3.62 | 0.004 | Lateral |
| SWR_LTR_14201 | Polyvinyl Chloride | 6 | 3.04 | 0.003 | Lateral |
| SWR_LTR_14202 | Polyvinyl Chloride | 6 | 3.14 | 0.004 | Lateral |
| SWR_LTR_14203 | Polyvinyl Chloride | 6 | 2.79 | 0.003 | Lateral |
| SWR_LTR_14204 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_14205 | Polyvinyl Chloride | 6 | 3.38 | 0.004 | Lateral |
| SWR_LTR_14206 | Polyvinyl Chloride | 6 | 3.30 | 0.004 | Lateral |
| SWR_LTR_14207 | Polyvinyl Chloride | 6 | 3.68 | 0.004 | Lateral |
| SWR_LTR_14208 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |
| SWR_LTR_14209 | Polyvinyl Chloride | 6 | 3.20 | 0.004 | Lateral |
| SWR_LTR_14210 | Polyvinyl Chloride | 6 | 3.41 | 0.004 | Lateral |
| SWR_LTR_14211 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_14212 | Polyvinyl Chloride | 6 | 4.05 | 0.005 | Lateral |
| SWR_LTR_14213 | Polyvinyl Chloride | 6 | 3.14 | 0.004 | Lateral |
| SWR_LTR_14214 | Polyvinyl Chloride | 6 | 7.26 | 0.01 | Lateral |
| SWR_LTR_14215 | Polyvinyl Chloride | 6 | 7.79 | 0.01 | Lateral |
| SWR_LTR_16541 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_16542 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_16802 | Polyvinyl Chloride | 6 | 5.26 | 0.01 | Lateral |
| SWR_LTR_16803 | Polyvinyl Chloride | 6 | 4.81 | 0.01 | Lateral |
| SWR_LTR_16804 | Polyvinyl Chloride | 6 | 5.28 | 0.01 | Lateral |
| SWR_LTR_2359 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2367 | Polyvinyl Chloride | 6 | 3.63 | 0.004 | Lateral |
| SWR_LTR_4147 | Polyvinyl Chloride | 6 | 7.88 | 0.01 | Lateral |
| SWR_LTR_4149 | Polyvinyl Chloride | 6 | 4.03 | 0.005 | Lateral |
| SWR_LTR_4152 | Polyvinyl Chloride | 6 | 4.45 | 0.01 | Lateral |
| SWR_LTR_4549 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_4552 | Polyvinyl Chloride | 6 | 9.17 | 0.01 | Lateral |
| SWR_LTR_4555 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_4557 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_4559 | Polyvinyl Chloride | 6 | 7.76 | 0.01 | Lateral |
| SWR_LTR_4561 | Polyvinyl Chloride | 6 | 12.80 | 0.01 | Lateral |
| SWR_LTR_4563 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_4576 | Polyvinyl Chloride | 6 | 18.27 | 0.02 | Lateral |
| SWR_LTR_4578 | Polyvinyl Chloride | 6 | 17.98 | 0.02 | Lateral |
| SWR_LTR_4580 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_4582 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_4584 | Polyvinyl Chloride | 6 | 12.69 | 0.01 | Lateral |
| SWR_LTR_4586 | Polyvinyl Chloride | 6 | 12.72 | 0.01 | Lateral |
| SWR_LTR_4588 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_4590 | Polyvinyl Chloride | 6 | 14.59 | 0.02 | Lateral |
| SWR_LTR_4592 | Polyvinyl Chloride | 6 | 5.72 | 0.01 | Lateral |
| SWR_LTR_4594 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_4596 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_4598 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_4600 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_4726 | Polyvinyl Chloride | 6 | 5.05 | 0.01 | Lateral |
| SWR_LTR_4744 | Polyvinyl Chloride | 6 | 5.32 | 0.01 | Lateral |
| SWR_LTR_4745 | Polyvinyl Chloride | 6 | 5.27 | 0.01 | Lateral |
| SWR_LTR_4746 | Polyvinyl Chloride | 6 | 14.42 | 0.02 | Lateral |
| SWR_LTR_4747 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_4748 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_4749 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_4750 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_4752 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_4754 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_4755 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_4757 | Polyvinyl Chloride | 6 | 6.42 | 0.01 | Lateral |
| SWR_LTR_4759 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_4760 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_4761 | Polyvinyl Chloride | 6 | 10.15 | 0.01 | Lateral |
| SWR_LTR_4762 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_4763 | Polyvinyl Chloride | 6 | 7.73 | 0.01 | Lateral |
| SWR_LTR_4764 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_4765 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_4766 | Polyvinyl Chloride | 6 | 6.18 | 0.01 | Lateral |
| SWR_LTR_4767 | Polyvinyl Chloride | 6 | 13.55 | 0.02 | Lateral |
| SWR_LTR_4773 | Polyvinyl Chloride | 6 | 13.98 | 0.02 | Lateral |
| SWR_LTR_4774 | Polyvinyl Chloride | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_4776 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_4777 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_4778 | Polyvinyl Chloride | 6 | 14.48 | 0.02 | Lateral |
| SWR_LTR_4779 | Polyvinyl Chloride | 6 | 15.46 | 0.02 | Lateral |
| SWR_LTR_4780 | Polyvinyl Chloride | 6 | 13.06 | 0.01 | Lateral |
| SWR_LTR_4781 | Polyvinyl Chloride | 6 | 13.47 | 0.02 | Lateral |
| SWR_LTR_4782 | Polyvinyl Chloride | 6 | 5.55 | 0.01 | Lateral |
| SWR_LTR_4783 | Polyvinyl Chloride | 6 | 5.56 | 0.01 | Lateral |
| SWR_LTR_4784 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_4785 | Polyvinyl Chloride | 6 | 4.38 | 0.005 | Lateral |
| SWR_LTR_4786 | Polyvinyl Chloride | 6 | 4.47 | 0.01 | Lateral |
| SWR_LTR_4788 | Polyvinyl Chloride | 6 | 4.31 | 0.005 | Lateral |
| SWR_LTR_4789 | Polyvinyl Chloride | 6 | 3.45 | 0.004 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4790 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_4792 | Polyvinyl Chloride | 6 | 4.33 | 0.005 | Lateral |
| SWR_LTR_4794 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_4795 | Polyvinyl Chloride | 6 | 5.03 | 0.01 | Lateral |
| SWR_LTR_4796 | Polyvinyl Chloride | 6 | 3.32 | 0.004 | Lateral |
| SWR_LTR_4798 | Polyvinyl Chloride | 6 | 4.98 | 0.01 | Lateral |
| SWR_LTR_4800 | Polyvinyl Chloride | 6 | 4.33 | 0.005 | Lateral |
| SWR_LTR_4801 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_4803 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_4805 | Polyvinyl Chloride | 6 | 24.43 | 0.03 | Lateral |
| SWR_LTR_5035 | Polyvinyl Chloride | 6 | 23.54 | 0.03 | Lateral |
| SWR_LTR_5049 | Polyvinyl Chloride | 6 | 4.12 | 0.005 | Lateral |
| SWR_LTR_5050 | Polyvinyl Chloride | 6 | 3.38 | 0.004 | Lateral |
| SWR_LTR_5051 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_5053 | Polyvinyl Chloride | 6 | 3.92 | 0.004 | Lateral |
| SWR_LTR_5055 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_5057 | Polyvinyl Chloride | 6 | 6.73 | 0.01 | Lateral |
| SWR_LTR_5059 | Polyvinyl Chloride | 6 | 3.15 | 0.004 | Lateral |
| SWR_LTR_5061 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_5063 | Polyvinyl Chloride | 6 | 3.33 | 0.004 | Lateral |
| SWR_LTR_5065 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_5067 | Polyvinyl Chloride | 6 | 4.92 | 0.01 | Lateral |
| SWR_LTR_5069 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_5070 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_5072 | Polyvinyl Chloride | 6 | 3.21 | 0.004 | Lateral |
| SWR_LTR_5074 | Polyvinyl Chloride | 6 | 3.23 | 0.004 | Lateral |
| SWR_LTR_5076 | Polyvinyl Chloride | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_5100 | Polyvinyl Chloride | 6 | 23.40 | 0.03 | Lateral |
| SWR_LTR_5101 | Polyvinyl Chloride | 6 | 23.46 | 0.03 | Lateral |
| SWR_LTR_5102 | Polyvinyl Chloride | 6 | 23.58 | 0.03 | Lateral |
| SWR_LTR_5103 | Polyvinyl Chloride | 6 | 28.63 | 0.03 | Lateral |
| SWR_LTR_5105 | Polyvinyl Chloride | 6 | 18.67 | 0.02 | Lateral |
| SWR_LTR_5106 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_5108 | Polyvinyl Chloride | 6 | 23.12 | 0.03 | Lateral |
| SWR_LTR_5110 | Polyvinyl Chloride | 6 | 17.85 | 0.02 | Lateral |
| SWR_LTR_5112 | Polyvinyl Chloride | 6 | 17.88 | 0.02 | Lateral |
| SWR_LTR_5114 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_5116 | Polyvinyl Chloride | 6 | 23.06 | 0.03 | Lateral |
| SWR_LTR_5118 | Polyvinyl Chloride | 6 | 18.94 | 0.02 | Lateral |
| SWR_LTR_5120 | Polyvinyl Chloride | 6 | 21.16 | 0.02 | Lateral |
| SWR_LTR_5122 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_5124 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_5126 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_5128 | Polyvinyl Chloride | 6 | 12.17 | 0.01 | Lateral |
| SWR_LTR_5130 | Polyvinyl Chloride | 6 | 16.99 | 0.02 | Lateral |
| SWR_LTR_5131 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_5132 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_5133 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_5135 | Polyvinyl Chloride | 6 | 5.96 | 0.01 | Lateral |
| SWR_LTR_5136 | Polyvinyl Chloride | 6 | 6.25 | 0.01 | Lateral |
| SWR_LTR_5137 | Polyvinyl Chloride | 6 | 4.85 | 0.01 | Lateral |
| SWR_LTR_5138 | Polyvinyl Chloride | 6 | 4.72 | 0.01 | Lateral |
| SWR_LTR_5139 | Polyvinyl Chloride | 6 | 4.38 | 0.005 | Lateral |
| SWR_LTR_5140 | Polyvinyl Chloride | 6 | 4.85 | 0.01 | Lateral |
| SWR_LTR_5141 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_5142 | Polyvinyl Chloride | 6 | 5.29 | 0.01 | Lateral |
| SWR_LTR_5143 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_5145 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_5147 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_5417 | Polyvinyl Chloride | 6 | 6.06 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5661 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_5662 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_5663 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_5664 | Polyvinyl Chloride | 6 | 10.12 | 0.01 | Lateral |
| SWR_LTR_5665 | Polyvinyl Chloride | 6 | 14.57 | 0.02 | Lateral |
| SWR_LTR_5667 | Polyvinyl Chloride | 6 | 19.57 | 0.02 | Lateral |
| SWR_LTR_5669 | Polyvinyl Chloride | 6 | 14.10 | 0.02 | Lateral |
| SWR_LTR_5670 | Polyvinyl Chloride | 6 | 14.60 | 0.02 | Lateral |
| SWR_LTR_5671 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_5672 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_5673 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_5674 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_5880 | Polyvinyl Chloride | 6 | 4.51 | 0.01 | Lateral |
| SWR_LTR_5881 | Polyvinyl Chloride | 6 | 3.96 | 0.004 | Lateral |
| SWR_LTR_5882 | Polyvinyl Chloride | 6 | 4.07 | 0.005 | Lateral |
| SWR_LTR_5900 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_5902 | Polyvinyl Chloride | 6 | 50.55 | 0.06 | Lateral |
| SWR_LTR_5909 | Polyvinyl Chloride | 6 | 44.09 | 0.05 | Lateral |
| SWR_LTR_5910 | Polyvinyl Chloride | 6 | 41.31 | 0.05 | Lateral |
| SWR_LTR_5914 | Polyvinyl Chloride | 6 | 44.05 | 0.05 | Lateral |
| SWR_LTR_5916 | Polyvinyl Chloride | 6 | 36.26 | 0.04 | Lateral |
| SWR_LTR_5917 | Polyvinyl Chloride | 6 | 8.42 | 0.01 | Lateral |
| SWR_LTR_5919 | Polyvinyl Chloride | 6 | 3.25 | 0.004 | Lateral |
| SWR_LTR_5920 | Polyvinyl Chloride | 6 | 3.35 | 0.004 | Lateral |
| SWR_LTR_5922 | Polyvinyl Chloride | 6 | 2.31 | 0.003 | Lateral |
| SWR_LTR_5976 | Polyvinyl Chloride | 6 | 3.38 | 0.004 | Lateral |
| SWR_LTR_5977 | Polyvinyl Chloride | 6 | 4.54 | 0.01 | Lateral |
| SWR_LTR_5978 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_5979 | Polyvinyl Chloride | 6 | 4.98 | 0.01 | Lateral |
| SWR_LTR_5980 | Polyvinyl Chloride | 6 | 2.96 | 0.003 | Lateral |
| SWR_LTR_5981 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_5982 | Polyvinyl Chloride | 6 | 5.66 | 0.01 | Lateral |
| SWR_LTR_5983 | Polyvinyl Chloride | 6 | 5.27 | 0.01 | Lateral |
| SWR_LTR_5985 | Polyvinyl Chloride | 6 | 5.37 | 0.01 | Lateral |
| SWR_LTR_5987 | Polyvinyl Chloride | 6 | 7.30 | 0.01 | Lateral |
| SWR_LTR_5990 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_5992 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_5993 | Polyvinyl Chloride | 6 | 66.21 | 0.08 | Lateral |
| SWR_LTR_5995 | Polyvinyl Chloride | 6 | 5.77 | 0.01 | Lateral |
| SWR_LTR_5996 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_5998 | Polyvinyl Chloride | 6 | 68.91 | 0.08 | Lateral |
| SWR_LTR_6000 | Polyvinyl Chloride | 6 | 19.96 | 0.02 | Lateral |
| SWR_LTR_6002 | Polyvinyl Chloride | 6 | 12.55 | 0.01 | Lateral |
| SWR_LTR_6004 | Polyvinyl Chloride | 6 | 20.95 | 0.02 | Lateral |
| SWR_LTR_6352 | Polyvinyl Chloride | 6 | 5.12 | 0.01 | Lateral |
| SWR_LTR_6354 | Polyvinyl Chloride | 6 | 5.51 | 0.01 | Lateral |
| SWR_LTR_6355 | Polyvinyl Chloride | 6 | 4.94 | 0.01 | Lateral |
| SWR_LTR_6357 | Polyvinyl Chloride | 6 | 5.03 | 0.01 | Lateral |
| SWR_LTR_6358 | Polyvinyl Chloride | 6 | 4.52 | 0.01 | Lateral |
| SWR_LTR_6359 | Polyvinyl Chloride | 6 | 5.39 | 0.01 | Lateral |
| SWR_LTR_6360 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_6361 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_6362 | Polyvinyl Chloride | 6 | 5.61 | 0.01 | Lateral |
| SWR_LTR_6454 | Polyvinyl Chloride | 6 | 5.44 | 0.01 | Lateral |
| SWR_LTR_6456 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_6458 | Polyvinyl Chloride | 6 | 4.31 | 0.005 | Lateral |
| SWR_LTR_6460 | Polyvinyl Chloride | 6 | 4.79 | 0.01 | Lateral |
| SWR_LTR_6462 | Polyvinyl Chloride | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_6618 | Polyvinyl Chloride | 6 | 3.06 | 0.003 | Lateral |
| SWR_LTR_6630 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6631 | Polyvinyl Chloride | 6 | 3.87 | 0.004 | Lateral |
| SWR_LTR_6634 | Polyvinyl Chloride | 6 | 4.52 | 0.01 | Lateral |
| SWR_LTR_6636 | Polyvinyl Chloride | 6 | 4.32 | 0.005 | Lateral |
| SWR_LTR_6637 | Polyvinyl Chloride | 6 | 4.93 | 0.01 | Lateral |
| SWR_LTR_6638 | Polyvinyl Chloride | 6 | 3.56 | 0.004 | Lateral |
| SWR_LTR_6640 | Polyvinyl Chloride | 6 | 3.25 | 0.004 | Lateral |
| SWR_LTR_6642 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_6643 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_6644 | Polyvinyl Chloride | 6 | 3.28 | 0.004 | Lateral |
| SWR_LTR_6646 | Polyvinyl Chloride | 6 | 2.87 | 0.003 | Lateral |
| SWR_LTR_6648 | Polyvinyl Chloride | 6 | 3.94 | 0.004 | Lateral |
| SWR_LTR_6650 | Polyvinyl Chloride | 6 | 17.91 | 0.02 | Lateral |
| SWR_LTR_6652 | Polyvinyl Chloride | 6 | 25.62 | 0.03 | Lateral |
| SWR_LTR_6654 | Polyvinyl Chloride | 6 | 68.20 | 0.08 | Lateral |
| SWR_LTR_6655 | Polyvinyl Chloride | 6 | 50.17 | 0.06 | Lateral |
| SWR_LTR_6656 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_6657 | Polyvinyl Chloride | 6 | 23.30 | 0.03 | Lateral |
| SWR_LTR_6675 | Polyvinyl Chloride | 6 | 2.84 | 0.003 | Lateral |
| SWR_LTR_6676 | Polyvinyl Chloride | 6 | 3.78 | 0.004 | Lateral |
| SWR_LTR_6677 | Polyvinyl Chloride | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_6678 | Polyvinyl Chloride | 6 | 4.48 | 0.01 | Lateral |
| SWR_LTR_6679 | Polyvinyl Chloride | 6 | 3.06 | 0.003 | Lateral |
| SWR_LTR_6680 | Polyvinyl Chloride | 6 | 3.64 | 0.004 | Lateral |
| SWR_LTR_6682 | Polyvinyl Chloride | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_6684 | Polyvinyl Chloride | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_6686 | Polyvinyl Chloride | 6 | 3.95 | 0.004 | Lateral |
| SWR_LTR_6687 | Polyvinyl Chloride | 6 | 3.58 | 0.004 | Lateral |
| SWR_LTR_6688 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_6690 | Polyvinyl Chloride | 6 | 4.68 | 0.01 | Lateral |
| SWR_LTR_6692 | Polyvinyl Chloride | 6 | 5.00 | 0.01 | Lateral |
| SWR_LTR_6694 | Polyvinyl Chloride | 6 | 4.62 | 0.01 | Lateral |
| SWR_LTR_6696 | Polyvinyl Chloride | 6 | 3.36 | 0.004 | Lateral |
| SWR_LTR_6698 | Polyvinyl Chloride | 6 | 2.93 | 0.003 | Lateral |
| SWR_LTR_6700 | Polyvinyl Chloride | 6 | 5.08 | 0.01 | Lateral |
| SWR_LTR_6702 | Polyvinyl Chloride | 6 | 3.39 | 0.004 | Lateral |
| SWR_LTR_6704 | Polyvinyl Chloride | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_6706 | Polyvinyl Chloride | 6 | 4.37 | 0.005 | Lateral |
| SWR_LTR_6708 | Polyvinyl Chloride | 6 | 3.45 | 0.004 | Lateral |
| SWR_LTR_6710 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_6712 | Polyvinyl Chloride | 6 | 4.68 | 0.01 | Lateral |
| SWR_LTR_6714 | Polyvinyl Chloride | 6 | 4.98 | 0.01 | Lateral |
| SWR_LTR_6716 | Polyvinyl Chloride | 6 | 3.13 | 0.004 | Lateral |
| SWR_LTR_6718 | Polyvinyl Chloride | 6 | 3.16 | 0.004 | Lateral |
| SWR_LTR_6720 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_6726 | Polyvinyl Chloride | 6 | 9.99 | 0.01 | Lateral |
| SWR_LTR_6727 | Polyvinyl Chloride | 6 | 13.99 | 0.02 | Lateral |
| SWR_LTR_6728 | Polyvinyl Chloride | 6 | 11.05 | 0.01 | Lateral |
| SWR_LTR_6729 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_6731 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_6733 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_6735 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_6737 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_6757 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_6759 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_6761 | Polyvinyl Chloride | 6 | 5.66 | 0.01 | Lateral |
| SWR_LTR_6762 | Polyvinyl Chloride | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_6763 | Polyvinyl Chloride | 6 | 6.13 | 0.01 | Lateral |
| SWR_LTR_6764 | Polyvinyl Chloride | 6 | 5.86 | 0.01 | Lateral |
| SWR_LTR_6766 | Polyvinyl Chloride | 6 | 6.01 | 0.01 | Lateral |
| SWR_LTR_6767 | Polyvinyl Chloride | 6 | 5.82 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6769 | Polyvinyl Chloride | 6 | 6.08 | 0.01 | Lateral |
| SWR_LTR_6770 | Polyvinyl Chloride | 6 | 4.60 | 0.01 | Lateral |
| SWR_LTR_6771 | Polyvinyl Chloride | 6 | 4.11 | 0.005 | Lateral |
| SWR_LTR_6772 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_6773 | Polyvinyl Chloride | 6 | 4.70 | 0.01 | Lateral |
| SWR_LTR_6774 | Polyvinyl Chloride | 6 | 5.42 | 0.01 | Lateral |
| SWR_LTR_6775 | Polyvinyl Chloride | 6 | 4.73 | 0.01 | Lateral |
| SWR_LTR_6776 | Polyvinyl Chloride | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_6777 | Polyvinyl Chloride | 6 | 5.03 | 0.01 | Lateral |
| SWR_LTR_6778 | Polyvinyl Chloride | 6 | 5.25 | 0.01 | Lateral |
| SWR_LTR_6823 | Polyvinyl Chloride | 6 | 4.41 | 0.01 | Lateral |
| SWR_LTR_6825 | Polyvinyl Chloride | 6 | 2.98 | 0.003 | Lateral |
| SWR_LTR_6827 | Polyvinyl Chloride | 6 | 3.59 | 0.004 | Lateral |
| SWR_LTR_6829 | Polyvinyl Chloride | 6 | 4.61 | 0.01 | Lateral |
| SWR_LTR_6831 | Polyvinyl Chloride | 6 | 4.69 | 0.01 | Lateral |
| SWR_LTR_6932 | Polyvinyl Chloride | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_6934 | Polyvinyl Chloride | 6 | 6.52 | 0.01 | Lateral |
| SWR_LTR_6935 | Polyvinyl Chloride | 6 | 6.07 | 0.01 | Lateral |
| SWR_LTR_6936 | Polyvinyl Chloride | 6 | 4.10 | 0.005 | Lateral |
| SWR_LTR_6937 | Polyvinyl Chloride | 6 | 4.43 | 0.01 | Lateral |
| SWR_LTR_6938 | Polyvinyl Chloride | 6 | 5.60 | 0.01 | Lateral |
| SWR_LTR_6939 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_6940 | Polyvinyl Chloride | 6 | 5.12 | 0.01 | Lateral |
| SWR_LTR_6941 | Polyvinyl Chloride | 6 | 4.05 | 0.005 | Lateral |
| SWR_LTR_6942 | Polyvinyl Chloride | 6 | 3.84 | 0.004 | Lateral |
| SWR_LTR_6943 | Polyvinyl Chloride | 6 | 3.53 | 0.004 | Lateral |
| SWR_LTR_6944 | Polyvinyl Chloride | 6 | 3.42 | 0.004 | Lateral |
| SWR_LTR_6945 | Polyvinyl Chloride | 6 | 4.13 | 0.005 | Lateral |
| SWR_LTR_6946 | Polyvinyl Chloride | 6 | 4.72 | 0.01 | Lateral |
| SWR_LTR_6948 | Polyvinyl Chloride | 6 | 6.18 | 0.01 | Lateral |
| SWR_LTR_6950 | Polyvinyl Chloride | 6 | 25.29 | 0.03 | Lateral |
| SWR_LTR_6951 | Polyvinyl Chloride | 6 | 4.24 | 0.005 | Lateral |
| SWR_LTR_6952 | Polyvinyl Chloride | 6 | 4.25 | 0.005 | Lateral |
| SWR_LTR_6954 | Polyvinyl Chloride | 6 | 3.00 | 0.003 | Lateral |
| SWR_LTR_6956 | Polyvinyl Chloride | 6 | 3.08 | 0.004 | Lateral |
| SWR_LTR_6958 | Polyvinyl Chloride | 6 | 2.97 | 0.003 | Lateral |
| SWR_LTR_6960 | Polyvinyl Chloride | 6 | 21.94 | 0.02 | Lateral |
| SWR_LTR_6962 | Polyvinyl Chloride | 6 | 5.68 | 0.01 | Lateral |
| SWR_LTR_6964 | Polyvinyl Chloride | 6 | 1.97 | 0.002 | Lateral |
| SWR_LTR_6966 | Polyvinyl Chloride | 6 | 3.04 | 0.003 | Lateral |
| SWR_LTR_6968 | Polyvinyl Chloride | 6 | 5.53 | 0.01 | Lateral |
| SWR_LTR_6970 | Polyvinyl Chloride | 6 | 3.60 | 0.004 | Lateral |
| SWR_LTR_6972 | Polyvinyl Chloride | 6 | 4.46 | 0.01 | Lateral |
| SWR_LTR_6974 | Polyvinyl Chloride | 6 | 4.01 | 0.005 | Lateral |
| SWR_LTR_6976 | Polyvinyl Chloride | 6 | 8.36 | 0.01 | Lateral |
| SWR_LTR_6978 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |
| SWR_LTR_7011 | Polyvinyl Chloride | 6 | 14.25 | 0.02 | Lateral |
| SWR_LTR_7020 | Polyvinyl Chloride | 6 | 34.46 | 0.04 | Lateral |
| SWR_LTR_7021 | Polyvinyl Chloride | 6 | 42.49 | 0.05 | Lateral |
| SWR_LTR_7022 | Polyvinyl Chloride | 6 | 43.89 | 0.05 | Lateral |
| SWR_LTR_7023 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_7024 | Polyvinyl Chloride | 6 | 42.73 | 0.05 | Lateral |
| SWR_LTR_7025 | Polyvinyl Chloride | 6 | 67.01 | 0.08 | Lateral |
| SWR_LTR_7026 | Polyvinyl Chloride | 6 | 51.65 | 0.06 | Lateral |
| SWR_LTR_7034 | Polyvinyl Chloride | 6 | 46.67 | 0.05 | Lateral |
| SWR_LTR_7035 | Polyvinyl Chloride | 6 | 51.00 | 0.06 | Lateral |
| SWR_LTR_7036 | Polyvinyl Chloride | 6 | 47.83 | 0.05 | Lateral |
| SWR_LTR_7037 | Polyvinyl Chloride | 6 | 45.77 | 0.05 | Lateral |
| SWR_LTR_7038 | Polyvinyl Chloride | 6 | 33.68 | 0.04 | Lateral |
| SWR_LTR_7039 | Polyvinyl Chloride | 6 | 49.21 | 0.06 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7040 | Polyvinyl Chloride | 6 | 29.00 | 0.03 | Lateral |
| SWR_LTR_7041 | Polyvinyl Chloride | 6 | 24.42 | 0.03 | Lateral |
| SWR_LTR_7043 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_7044 | Polyvinyl Chloride | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_7046 | Polyvinyl Chloride | 6 | 5.80 | 0.01 | Lateral |
| SWR_LTR_7048 | Polyvinyl Chloride | 6 | 2.83 | 0.003 | Lateral |
| SWR_LTR_7049 | Polyvinyl Chloride | 6 | 3.21 | 0.004 | Lateral |
| SWR_LTR_7050 | Polyvinyl Chloride | 6 | 3.31 | 0.004 | Lateral |
| SWR_LTR_7052 | Polyvinyl Chloride | 6 | 4.02 | 0.005 | Lateral |
| SWR_LTR_7054 | Polyvinyl Chloride | 6 | 3.73 | 0.004 | Lateral |
| SWR_LTR_7056 | Polyvinyl Chloride | 6 | 3.27 | 0.004 | Lateral |
| SWR_LTR_7058 | Polyvinyl Chloride | 6 | 4.52 | 0.01 | Lateral |
| SWR_LTR_7060 | Polyvinyl Chloride | 6 | 3.26 | 0.004 | Lateral |
| SWR_LTR_7061 | Polyvinyl Chloride | 6 | 4.72 | 0.01 | Lateral |
| SWR_LTR_7062 | Polyvinyl Chloride | 6 | 4.55 | 0.01 | Lateral |
| SWR_LTR_7064 | Polyvinyl Chloride | 6 | 4.50 | 0.01 | Lateral |
| SWR_LTR_7065 | Polyvinyl Chloride | 6 | 4.15 | 0.005 | Lateral |
| SWR_LTR_7066 | Polyvinyl Chloride | 6 | 3.62 | 0.004 | Lateral |
| SWR_LTR_7067 | Polyvinyl Chloride | 6 | 3.14 | 0.004 | Lateral |
| SWR_LTR_7069 | Polyvinyl Chloride | 6 | 3.40 | 0.004 | Lateral |
| SWR_LTR_7070 | Polyvinyl Chloride | 6 | 3.41 | 0.004 | Lateral |
| SWR_LTR_7071 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_7072 | Polyvinyl Chloride | 6 | 3.88 | 0.004 | Lateral |
| SWR_LTR_7073 | Polyvinyl Chloride | 6 | 3.34 | 0.004 | Lateral |
| SWR_LTR_7074 | Polyvinyl Chloride | 6 | 4.43 | 0.01 | Lateral |
| SWR_LTR_7075 | Polyvinyl Chloride | 6 | 3.68 | 0.004 | Lateral |
| SWR_LTR_7076 | Polyvinyl Chloride | 6 | 4.13 | 0.005 | Lateral |
| SWR_LTR_7078 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_7080 | Polyvinyl Chloride | 6 | 3.54 | 0.004 | Lateral |
| SWR_LTR_7082 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |
| SWR_LTR_7084 | Polyvinyl Chloride | 6 | 3.44 | 0.004 | Lateral |
| SWR_LTR_7086 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_7088 | Polyvinyl Chloride | 6 | 3.88 | 0.004 | Lateral |
| SWR_LTR_7090 | Polyvinyl Chloride | 6 | 3.81 | 0.004 | Lateral |
| SWR_LTR_7091 | Polyvinyl Chloride | 6 | 3.38 | 0.004 | Lateral |
| SWR_LTR_7092 | Polyvinyl Chloride | 6 | 3.62 | 0.004 | Lateral |
| SWR_LTR_7093 | Polyvinyl Chloride | 6 | 3.68 | 0.004 | Lateral |
| SWR_LTR_7095 | Polyvinyl Chloride | 6 | 3.25 | 0.004 | Lateral |
| SWR_LTR_7097 | Polyvinyl Chloride | 6 | 4.24 | 0.005 | Lateral |
| SWR_LTR_7099 | Polyvinyl Chloride | 6 | 3.10 | 0.004 | Lateral |
| SWR_LTR_7101 | Polyvinyl Chloride | 6 | 3.88 | 0.004 | Lateral |
| SWR_LTR_7103 | Polyvinyl Chloride | 6 | 3.74 | 0.004 | Lateral |
| SWR_LTR_7105 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_7107 | Polyvinyl Chloride | 6 | 3.94 | 0.004 | Lateral |
| SWR_LTR_7109 | Polyvinyl Chloride | 6 | 3.92 | 0.004 | Lateral |
| SWR_LTR_7111 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_7112 | Polyvinyl Chloride | 6 | 6.71 | 0.01 | Lateral |
| SWR_LTR_7114 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |
| SWR_LTR_7116 | Polyvinyl Chloride | 6 | 4.27 | 0.005 | Lateral |
| SWR_LTR_7118 | Polyvinyl Chloride | 6 | 7.34 | 0.01 | Lateral |
| SWR_LTR_7120 | Polyvinyl Chloride | 6 | 6.83 | 0.01 | Lateral |
| SWR_LTR_7122 | Polyvinyl Chloride | 6 | 7.05 | 0.01 | Lateral |
| SWR_LTR_7124 | Polyvinyl Chloride | 6 | 7.96 | 0.01 | Lateral |
| SWR_LTR_7126 | Polyvinyl Chloride | 6 | 8.05 | 0.01 | Lateral |
| SWR_LTR_7128 | Polyvinyl Chloride | 6 | 7.62 | 0.01 | Lateral |
| SWR_LTR_7130 | Polyvinyl Chloride | 6 | 7.50 | 0.01 | Lateral |
| SWR_LTR_7132 | Polyvinyl Chloride | 6 | 6.34 | 0.01 | Lateral |
| SWR_LTR_7134 | Polyvinyl Chloride | 6 | 6.75 | 0.01 | Lateral |
| SWR_LTR_7136 | Polyvinyl Chloride | 6 | 6.92 | 0.01 | Lateral |
| SWR_LTR_7137 | Polyvinyl Chloride | 6 | 7.32 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 15B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7139 | Polyvinyl Chloride | 6 | 8.27 | 0.01 | Lateral |
| SWR_LTR_7141 | Polyvinyl Chloride | 6 | 7.44 | 0.01 | Lateral |
| SWR_LTR_7143 | Polyvinyl Chloride | 6 | 7.08 | 0.01 | Lateral |
| SWR_LTR_7146 | Polyvinyl Chloride | 6 | 6.80 | 0.01 | Lateral |
| SWR_LTR_7147 | Polyvinyl Chloride | 6 | 7.68 | 0.01 | Lateral |
| SWR_LTR_7148 | Polyvinyl Chloride | 6 | 6.81 | 0.01 | Lateral |
| SWR_LTR_7151 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_7152 | Polyvinyl Chloride | 8 | 10.03 | 0.02 | Lateral |
| SWR_LTR_7153 | Polyvinyl Chloride | 6 | 8.39 | 0.01 | Lateral |
| SWR_LTR_7154 | Polyvinyl Chloride | 6 | 3.26 | 0.004 | Lateral |
| SWR_LTR_7155 | Polyvinyl Chloride | 6 | 5.16 | 0.01 | Lateral |
| SWR_LTR_7156 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_7157 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_7158 | Polyvinyl Chloride | 6 | 4.91 | 0.01 | Lateral |
| SWR_LTR_7159 | Polyvinyl Chloride | 6 | 6.90 | 0.01 | Lateral |
| SWR_LTR_7161 | Polyvinyl Chloride | 6 | 6.02 | 0.01 | Lateral |
| SWR_LTR_7163 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_7165 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_7167 | Polyvinyl Chloride | 6 | 30.63 | 0.03 | Lateral |
| SWR_LTR_7168 | Polyvinyl Chloride | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_7171 | Polyvinyl Chloride | 6 | 5.55 | 0.01 | Lateral |
| SWR_LTR_7173 | Polyvinyl Chloride | 6 | 6.08 | 0.01 | Lateral |
| SWR_LTR_7175 | Polyvinyl Chloride | 6 | 5.95 | 0.01 | Lateral |
| SWR_LTR_7177 | Polyvinyl Chloride | 6 | 5.73 | 0.01 | Lateral |
| SWR_LTR_7179 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_7181 | Polyvinyl Chloride | 6 | 5.80 | 0.01 | Lateral |
| SWR_LTR_7183 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_7185 | Polyvinyl Chloride | 6 | 5.45 | 0.01 | Lateral |
| SWR_LTR_7187 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_7189 | Polyvinyl Chloride | 6 | 5.08 | 0.01 | Lateral |
| SWR_LTR_7191 | Polyvinyl Chloride | 6 | 5.67 | 0.01 | Lateral |
| SWR_LTR_7193 | Polyvinyl Chloride | 6 | 5.42 | 0.01 | Lateral |
| SWR_LTR_7195 | Polyvinyl Chloride | 6 | 5.40 | 0.01 | Lateral |
| SWR_LTR_7260 | Polyvinyl Chloride | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_7261 | Polyvinyl Chloride | 6 | 4.27 | 0.005 | Lateral |
| SWR_LTR_7262 | Polyvinyl Chloride | 6 | 3.99 | 0.005 | Lateral |
| SWR_LTR_7264 | Polyvinyl Chloride | 6 | 5.07 | 0.01 | Lateral |
| SWR_LTR_7266 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_7267 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_7268 | Polyvinyl Chloride | 6 | 4.34 | 0.005 | Lateral |
| SWR_LTR_7269 | Polyvinyl Chloride | 6 | 18.13 | 0.02 | Lateral |
| SWR_LTR_971 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1046 | Concrete (Non-Reinforced) | 8 | 10.60 | 0.02 | Main |
| SWR_GRV_1047 | Concrete (Non-Reinforced) | 21 | 26.93 | 0.11 | Main |
| SWR_GRV_1048 | Concrete (Non-Reinforced) | 21 | 237.71 | 0.95 | Main |
| SWR_GRV_1049 | Concrete (Non-Reinforced) | 21 | 270.54 | 1.08 | Main |
| SWR_GRV_1050 | Concrete (Non-Reinforced) | 24 | 190.85 | 0.87 | Main |
| SWR_GRV_1051 | Concrete (Non-Reinforced) | 8 | 55.19 | 0.08 | Main |
| SWR_GRV_1052 | Concrete (Non-Reinforced) | 14 | 132.65 | 0.35 | Main |
| SWR_GRV_1053 | Concrete (Non-Reinforced) | 15 | 111.32 | 0.32 | Main |
| SWR_GRV_1054 | Concrete (Non-Reinforced) | 15 | 150.07 | 0.43 | Main |
| SWR_GRV_1055 | Concrete (Non-Reinforced) | 8 | 296.62 | 0.45 | Main |
| SWR_GRV_1057 | Concrete (Non-Reinforced) | 14 | 106.94 | 0.28 | Main |
| SWR_GRV_1058 | Concrete (Non-Reinforced) | 24 | 27.01 | 0.12 | Main |
| SWR_GRV_1061 | Concrete (Non-Reinforced) | 8 | 156.95 | 0.24 | Main |
| SWR_GRV_1062 | Concrete (Non-Reinforced) | 8 | 167.45 | 0.25 | Main |
| SWR_GRV_1653 | Concrete (Non-Reinforced) | 8 | 10.74 | 0.02 | Main |
| SWR_GRV_1690 | Concrete (Non-Reinforced) | 8 | 152.65 | 0.23 | Main |
| SWR_GRV_1691 | Concrete (Non-Reinforced) | 15 | 153.06 | 0.43 | Main |
| SWR_GRV_1692 | Concrete (Non-Reinforced) | 8 | 34.74 | 0.05 | Main |
| SWR_GRV_1693 | Concrete (Non-Reinforced) | 15 | 34.96 | 0.10 | Main |
| SWR_GRV_1694 | Concrete (Non-Reinforced) | 15 | 86.49 | 0.25 | Main |
| SWR_GRV_1695 | Concrete (Non-Reinforced) | 8 | 13.23 | 0.02 | Main |
| SWR_GRV_1696 | Concrete (Non-Reinforced) | 15 | 145.07 | 0.41 | Main |
| SWR_GRV_1697 | Concrete (Non-Reinforced) | 8 | 145.44 | 0.22 | Main |
| SWR_GRV_1698 | Concrete (Non-Reinforced) | 8 | 190.13 | 0.29 | Main |
| SWR_GRV_1699 | Concrete (Non-Reinforced) | 15 | 190.42 | 0.54 | Main |
| SWR_GRV_1700 | Concrete (Non-Reinforced) | 8 | 12.75 | 0.02 | Main |
| SWR_GRV_1702 | Concrete (Non-Reinforced) | 21 | 6.84 | 0.03 | Main |
| SWR_GRV_1703 | Concrete (Non-Reinforced) | 18 | 329.13 | 1.12 | Main |
| SWR_GRV_1704 | Concrete (Non-Reinforced) | 21 | 320.49 | 1.27 | Main |
| SWR_GRV_1705 | Concrete (Non-Reinforced) | 18 | 171.98 | 0.59 | Main |
| SWR_GRV_1707 | Concrete (Non-Reinforced) | 18 | 274.10 | 0.93 | Main |
| SWR_GRV_1708 | Concrete (Non-Reinforced) | 10 | 176.41 | 0.33 | Main |
| SWR_GRV_1709 | Concrete (Non-Reinforced) | 12 | 242.13 | 0.55 | Main |
| SWR_GRV_1710 | Concrete (Non-Reinforced) | 12 | 270.05 | 0.61 | Main |
| SWR_GRV_1711 | Concrete (Non-Reinforced) | 12 | 154.21 | 0.35 | Main |
| SWR_GRV_1712 | Concrete (Non-Reinforced) | 8 | 65.33 | 0.10 | Main |
| SWR_GRV_1713 | Concrete (Non-Reinforced) | 8 | 227.48 | 0.34 | Main |
| SWR_GRV_1714 | Concrete (Non-Reinforced) | 8 | 199.88 | 0.30 | Main |
| SWR_GRV_1715 | Concrete (Non-Reinforced) | 8 | 337.05 | 0.51 | Main |
| SWR_GRV_1716 | Concrete (Non-Reinforced) | 15 | 68.78 | 0.20 | Main |
| SWR_GRV_1717 | Concrete (Non-Reinforced) | 8 | 155.46 | 0.24 | Main |
| SWR_GRV_1718 | Concrete (Non-Reinforced) | 12 | 137.18 | 0.31 | Main |
| SWR_GRV_1726 | Concrete (Non-Reinforced) | 8 | 190.65 | 0.29 | Main |
| SWR_GRV_1727 | Concrete (Non-Reinforced) | 8 | 247.87 | 0.38 | Main |
| SWR_GRV_1754 | Concrete (Non-Reinforced) | 8 | 13.04 | 0.02 | Main |
| SWR_GRV_1813 | Concrete (Non-Reinforced) | 18 | 303.64 | 1.04 | Main |
| SWR_GRV_208 | Concrete (Non-Reinforced) | 8 | 8.91 | 0.01 | Main |
| SWR_GRV_2931 | Other | 8 | 294.29 | 0.45 | Main |
| SWR_GRV_2933 | Terra Cotta | 8 | 321.97 | 0.49 | Main |
| SWR_GRV_2936 | Terra Cotta | 8 | 242.07 | 0.37 | Main |
| SWR_GRV_2940 | Terra Cotta | 8 | 62.41 | 0.09 | Main |
| SWR_GRV_2942 | Other | 8 | 292.17 | 0.44 | Main |
| SWR_GRV_2946 | Other | 8 | 51.33 | 0.08 | Main |
| SWR_GRV_3545 | Terra Cotta | 8 | 241.76 | 0.37 | Main |
| SWR_GRV_376 | Concrete (Non-Reinforced) | 8 | 58.13 | 0.09 | Main |
| SWR_GRV_377 | Concrete (Non-Reinforced) | 8 | 348.90 | 0.53 | Main |
| SWR_GRV_378 | Concrete (Non-Reinforced) | 8 | 329.74 | 0.50 | Main |
| SWR_GRV_379 | Concrete (Non-Reinforced) | 8 | 179.25 | 0.27 | Main |
| SWR_GRV_3795 | Polyvinyl Chloride | 12 | 214.38 | 0.49 | Main |
| SWR_GRV_3797 | Polyvinyl Chloride | 12 | 109.63 | 0.25 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_3799 | Polyvinyl Chloride | 12 | 200.41 | 0.46 | Main |
| SWR_GRV_380 | Concrete (Non-Reinforced) | 8 | 16.15 | 0.02 | Main |
| SWR_GRV_3801 | Polyvinyl Chloride | 12 | 98.05 | 0.22 | Main |
| SWR_GRV_381 | Concrete (Non-Reinforced) | 8 | 129.66 | 0.20 | Main |
| SWR_GRV_382 | Concrete (Non-Reinforced) | 10 | 256.18 | 0.49 | Main |
| SWR_GRV_383 | Concrete (Non-Reinforced) | 8 | 56.01 | 0.08 | Main |
| SWR_GRV_384 | Concrete (Non-Reinforced) | 8 | 275.42 | 0.42 | Main |
| SWR_GRV_3884 | Terra Cotta | 8 | 122.11 | 0.19 | Main |
| SWR_GRV_391 | Concrete (Non-Reinforced) | 8 | 50.36 | 0.08 | Main |
| SWR_GRV_392 | Concrete (Non-Reinforced) | 8 | 295.20 | 0.45 | Main |
| SWR_GRV_3941 | Terra Cotta | 8 | 198.29 | 0.30 | Main |
| SWR_GRV_3943 | Terra Cotta | 8 | 154.89 | 0.23 | Main |
| SWR_GRV_399 | Concrete (Non-Reinforced) | 8 | 11.44 | 0.02 | Main |
| SWR_GRV_400 | Concrete (Non-Reinforced) | 8 | 357.61 | 0.54 | Main |
| SWR_GRV_401 | Concrete (Non-Reinforced) | 8 | 134.32 | 0.20 | Main |
| SWR_GRV_402 | Concrete (Non-Reinforced) | 8 | 207.59 | 0.31 | Main |
| SWR_GRV_403 | Concrete (Non-Reinforced) | 8 | 296.11 | 0.45 | Main |
| SWR_GRV_405 | Concrete (Non-Reinforced) | 8 | 241.87 | 0.37 | Main |
| SWR_GRV_406 | Concrete (Non-Reinforced) | 8 | 82.43 | 0.12 | Main |
| SWR_GRV_407 | Concrete (Non-Reinforced) | 8 | 181.59 | 0.28 | Main |
| SWR_GRV_409 | Concrete (Non-Reinforced) | 27 | 21.64 | 0.11 | Main |
| SWR_GRV_410 | Concrete (Non-Reinforced) | 27 | 33.64 | 0.17 | Main |
| SWR_GRV_411 | Concrete (Non-Reinforced) | 12 | 41.78 | 0.09 | Main |
| SWR_GRV_412 | Concrete (Non-Reinforced) | 12 | 186.09 | 0.42 | Main |
| SWR_GRV_413 | Concrete (Non-Reinforced) | 12 | 86.83 | 0.20 | Main |
| SWR_GRV_414 | Concrete (Non-Reinforced) | 12 | 193.34 | 0.44 | Main |
| SWR_GRV_4360 | Polyvinyl Chloride | 12 | 117.55 | 0.27 | Main |
| SWR_GRV_4363 | Polyvinyl Chloride | 12 | 315.40 | 0.72 | Main |
| SWR_GRV_444 | Concrete (Non-Reinforced) | 8 | 30.91 | 0.05 | Main |
| SWR_GRV_445 | Concrete (Non-Reinforced) | 8 | 301.29 | 0.46 | Main |
| SWR_GRV_446 | Concrete (Non-Reinforced) | 8 | 279.12 | 0.42 | Main |
| SWR_GRV_447 | Concrete (Non-Reinforced) | 8 | 282.14 | 0.43 | Main |
| SWR_GRV_448 | Concrete (Non-Reinforced) | 24 | 10.54 | 0.05 | Main |
| SWR_GRV_456 | Concrete (Non-Reinforced) | 24 | 35.42 | 0.16 | Main |
| SWR_GRV_457 | Concrete (Non-Reinforced) | 27 | 29.45 | 0.15 | Main |
| SWR_GRV_458 | Concrete (Non-Reinforced) | 27 | 106.11 | 0.54 | Main |
| SWR_GRV_46 | Concrete (Non-Reinforced) | 18 | 228.16 | 0.78 | Main |
| SWR_GRV_47 | Concrete (Non-Reinforced) | 10 | 5.21 | 0.01 | Main |
| SWR_GRV_5 | Concrete (Non-Reinforced) | 21 | 7.98 | 0.03 | Main |
| SWR_GRV_5167 | Terra Cotta | 8 | 223.51 | 0.34 | Main |
| SWR_GRV_534 | Concrete (Non-Reinforced) | 8 | 234.35 | 0.36 | Main |
| SWR_GRV_535 | Concrete (Non-Reinforced) | 12 | 257.25 | 0.58 | Main |
| SWR_GRV_536 | Concrete (Non-Reinforced) | 8 | 16.28 | 0.02 | Main |
| SWR_GRV_537 | Concrete (Non-Reinforced) | 8 | 62.12 | 0.09 | Main |
| SWR_GRV_538 | Concrete (Non-Reinforced) | 8 | 239.90 | 0.36 | Main |
| SWR_GRV_539 | Concrete (Non-Reinforced) | 8 | 250.41 | 0.38 | Main |
| SWR_GRV_540 | Concrete (Non-Reinforced) | 8 | 237.52 | 0.36 | Main |
| SWR_GRV_548 | Concrete (Non-Reinforced) | 10 | 32.30 | 0.06 | Main |
| SWR_GRV_597 | Concrete (Non-Reinforced) | 8 | 187.37 | 0.28 | Main |
| SWR_GRV_610 | Concrete (Non-Reinforced) | 8 | 178.01 | 0.27 | Main |
| SWR_GRV_611 | Concrete (Non-Reinforced) | 8 | 76.98 | 0.12 | Main |
| SWR_GRV_661 | Concrete (Non-Reinforced) | 8 | 297.74 | 0.45 | Main |
| SWR_GRV_662 | Concrete (Non-Reinforced) | 8 | 260.15 | 0.39 | Main |
| SWR_GRV_663 | Concrete (Non-Reinforced) | 8 | 255.59 | 0.39 | Main |
| SWR_GRV_666 | Concrete (Non-Reinforced) | 8 | 71.72 | 0.11 | Main |
| SWR_GRV_7327 | Polyvinyl Chloride | 8 | 265.71 | 0.40 | Main |
| SWR_GRV_8418 | Polyvinyl Chloride | 12 | 203.61 | 0.46 | Main |
| SWR_GRV_8443 | Terra Cotta | 8 | 248.32 | 0.38 | Main |
| SWR_GRV_8445 | Terra Cotta | 8 | 250.94 | 0.38 | Main |
| SWR_GRV_8447 | Terra Cotta | 8 | 242.20 | 0.37 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_942 | Concrete (Non-Reinforced) | 8 | 327.14 | 0.50 | Main |
| SWR_GRV_943 | Concrete (Non-Reinforced) | 8 | 260.68 | 0.39 | Main |
| SWR_GRV_944 | Concrete (Non-Reinforced) | 8 | 83.41 | 0.13 | Main |
| SWR_GRV_945 | Concrete (Non-Reinforced) | 8 | 10.18 | 0.02 | Main |
| SWR_GRV_947 | Concrete (Non-Reinforced) | 8 | 300.66 | 0.46 | Main |
| SWR_GRV_948 | Concrete (Non-Reinforced) | 8 | 198.24 | 0.30 | Main |
| SWR_GRV_949 | Concrete (Non-Reinforced) | 8 | 246.68 | 0.37 | Main |
| SWR_GRV_950 | Concrete (Non-Reinforced) | 8 | 52.41 | 0.08 | Main |
| SWR_GRV_951 | Concrete (Non-Reinforced) | 21 | 13.31 | 0.05 | Main |
| SWR_GRV_952 | Concrete (Non-Reinforced) | 21 | 10.64 | 0.04 | Main |
| SWR_GRV_953 | Concrete (Non-Reinforced) | 21 | 13.10 | 0.05 | Main |
| SWR_LTR_13798 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_13799 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_13800 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_13801 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_13802 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13803 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13804 | Polyvinyl Chloride | 6 | 8.01 | 0.01 | Lateral |
| SWR_LTR_13805 | Polyvinyl Chloride | 6 | 5.01 | 0.01 | Lateral |
| SWR_LTR_13806 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_13807 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_13808 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_13809 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_13810 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_13811 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_13928 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_13929 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_13930 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_13931 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_13932 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_13933 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_13934 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_13935 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_14081 | Polyvinyl Chloride | 6 | 14.31 | 0.02 | Lateral |
| SWR_LTR_14082 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14083 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_14084 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14085 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_14086 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_14087 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_14088 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_14089 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14161 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14162 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_14163 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14164 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_14165 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_14166 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_14167 | Polyvinyl Chloride | 6 | 28.89 | 0.03 | Lateral |
| SWR_LTR_14168 | Polyvinyl Chloride | 6 | 29.47 | 0.03 | Lateral |
| SWR_LTR_14169 | Polyvinyl Chloride | 6 | 29.46 | 0.03 | Lateral |
| SWR_LTR_14170 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_14171 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_14172 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_14173 | Polyvinyl Chloride | 6 | 28.03 | 0.03 | Lateral |
| SWR_LTR_14174 | Polyvinyl Chloride | 6 | 25.98 | 0.03 | Lateral |
| SWR_LTR_14175 | Polyvinyl Chloride | 6 | 25.96 | 0.03 | Lateral |
| SWR_LTR_14176 | Polyvinyl Chloride | 6 | 30.15 | 0.03 | Lateral |
| SWR_LTR_14177 | Polyvinyl Chloride | 8 | 26.09 | 0.04 | Lateral |
| SWR_LTR_14178 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14179 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_14180 | Polyvinyl Chloride | 6 | 25.78 | 0.03 | Lateral |
| SWR_LTR_14181 | Polyvinyl Chloride | 6 | 25.38 | 0.03 | Lateral |
| SWR_LTR_14182 | Polyvinyl Chloride | 6 | 38.35 | 0.04 | Lateral |
| SWR_LTR_14183 | Polyvinyl Chloride | 6 | 34.44 | 0.04 | Lateral |
| SWR_LTR_14184 | Polyvinyl Chloride | 6 | 36.54 | 0.04 | Lateral |
| SWR_LTR_14185 | Polyvinyl Chloride | 6 | 36.13 | 0.04 | Lateral |
| SWR_LTR_14186 | Polyvinyl Chloride | 6 | 36.97 | 0.04 | Lateral |
| SWR_LTR_14187 | Polyvinyl Chloride | 6 | 36.57 | 0.04 | Lateral |
| SWR_LTR_14289 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_14530 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_14531 | Polyvinyl Chloride | 6 | 51.20 | 0.06 | Lateral |
| SWR_LTR_14532 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_14533 | Polyvinyl Chloride | 6 | 44.22 | 0.05 | Lateral |
| SWR_LTR_14534 | Polyvinyl Chloride | 6 | 43.49 | 0.05 | Lateral |
| SWR_LTR_14535 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_14536 | Polyvinyl Chloride | 10 | 54.78 | 0.10 | Lateral |
| SWR_LTR_14537 | Polyvinyl Chloride | 6 | 51.23 | 0.06 | Lateral |
| SWR_LTR_14538 | Polyvinyl Chloride | 6 | 51.18 | 0.06 | Lateral |
| SWR_LTR_14539 | Polyvinyl Chloride | 6 | 51.20 | 0.06 | Lateral |
| SWR_LTR_14540 | Polyvinyl Chloride | 6 | 53.20 | 0.06 | Lateral |
| SWR_LTR_14541 | Polyvinyl Chloride | 6 | 50.21 | 0.06 | Lateral |
| SWR_LTR_14542 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_14543 | Polyvinyl Chloride | 6 | 58.20 | 0.07 | Lateral |
| SWR_LTR_14544 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14545 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14546 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14547 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14548 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14549 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14550 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_14551 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14552 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14553 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14554 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_14555 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14556 | Polyvinyl Chloride | 6 | 47.22 | 0.05 | Lateral |
| SWR_LTR_14557 | Polyvinyl Chloride | 6 | 47.22 | 0.05 | Lateral |
| SWR_LTR_14558 | Polyvinyl Chloride | 8 | 41.98 | 0.06 | Lateral |
| SWR_LTR_14559 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_14560 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14638 | Polyvinyl Chloride | 6 | 29.04 | 0.03 | Lateral |
| SWR_LTR_14639 | Polyvinyl Chloride | 6 | 36.70 | 0.04 | Lateral |
| SWR_LTR_14640 | Polyvinyl Chloride | 6 | 28.24 | 0.03 | Lateral |
| SWR_LTR_14641 | Polyvinyl Chloride | 6 | 28.02 | 0.03 | Lateral |
| SWR_LTR_14642 | Polyvinyl Chloride | 6 | 28.64 | 0.03 | Lateral |
| SWR_LTR_14760 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_14761 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14762 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14763 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14764 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14765 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14766 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14767 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14768 | Polyvinyl Chloride | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_14769 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14770 | Polyvinyl Chloride | 6 | 30.16 | 0.03 | Lateral |
| SWR_LTR_14771 | Polyvinyl Chloride | 6 | 29.34 | 0.03 | Lateral |
| SWR_LTR_14772 | Polyvinyl Chloride | 6 | 29.31 | 0.03 | Lateral |
| SWR_LTR_14808 | Polyvinyl Chloride | 6 | 49.19 | 0.06 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14809 | Polyvinyl Chloride | 6 | 55.00 | 0.06 | Lateral |
| SWR_LTR_14810 | Polyvinyl Chloride | 6 | 49.00 | 0.06 | Lateral |
| SWR_LTR_14811 | Polyvinyl Chloride | 6 | 56.25 | 0.06 | Lateral |
| SWR_LTR_14812 | Polyvinyl Chloride | 6 | 64.16 | 0.07 | Lateral |
| SWR_LTR_14813 | Polyvinyl Chloride | 8 | 21.33 | 0.03 | Lateral |
| SWR_LTR_14814 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |
| SWR_LTR_14849 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_14850 | Polyvinyl Chloride | 6 | 12.61 | 0.01 | Lateral |
| SWR_LTR_14851 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14852 | Polyvinyl Chloride | 6 | 62.23 | 0.07 | Lateral |
| SWR_LTR_14853 | Polyvinyl Chloride | 6 | 59.19 | 0.07 | Lateral |
| SWR_LTR_14891 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_14892 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_14893 | Polyvinyl Chloride | 6 | 25.86 | 0.03 | Lateral |
| SWR_LTR_14894 | Polyvinyl Chloride | 6 | 25.82 | 0.03 | Lateral |
| SWR_LTR_14895 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_14896 | Polyvinyl Chloride | 6 | 13.77 | 0.02 | Lateral |
| SWR_LTR_14897 | Polyvinyl Chloride | 6 | 13.76 | 0.02 | Lateral |
| SWR_LTR_14898 | Polyvinyl Chloride | 6 | 13.81 | 0.02 | Lateral |
| SWR_LTR_14899 | Polyvinyl Chloride | 6 | 13.80 | 0.02 | Lateral |
| SWR_LTR_14900 | Polyvinyl Chloride | 6 | 13.80 | 0.02 | Lateral |
| SWR_LTR_14901 | Polyvinyl Chloride | 6 | 18.79 | 0.02 | Lateral |
| SWR_LTR_14902 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_14903 | Polyvinyl Chloride | 6 | 18.74 | 0.02 | Lateral |
| SWR_LTR_14904 | Polyvinyl Chloride | 6 | 18.78 | 0.02 | Lateral |
| SWR_LTR_14905 | Polyvinyl Chloride | 6 | 18.72 | 0.02 | Lateral |
| SWR_LTR_14912 | Polyvinyl Chloride | 6 | 26.61 | 0.03 | Lateral |
| SWR_LTR_14913 | Polyvinyl Chloride | 6 | 27.35 | 0.03 | Lateral |
| SWR_LTR_14914 | Polyvinyl Chloride | 6 | 27.05 | 0.03 | Lateral |
| SWR_LTR_14915 | Polyvinyl Chloride | 6 | 31.14 | 0.04 | Lateral |
| SWR_LTR_14916 | Polyvinyl Chloride | 6 | 32.25 | 0.04 | Lateral |
| SWR_LTR_14917 | Polyvinyl Chloride | 6 | 36.62 | 0.04 | Lateral |
| SWR_LTR_14918 | Polyvinyl Chloride | 6 | 30.95 | 0.04 | Lateral |
| SWR_LTR_14919 | Polyvinyl Chloride | 6 | 33.59 | 0.04 | Lateral |
| SWR_LTR_14920 | Polyvinyl Chloride | 6 | 37.36 | 0.04 | Lateral |
| SWR_LTR_14921 | Polyvinyl Chloride | 6 | 36.56 | 0.04 | Lateral |
| SWR_LTR_14922 | Polyvinyl Chloride | 6 | 25.78 | 0.03 | Lateral |
| SWR_LTR_14923 | Polyvinyl Chloride | 6 | 25.01 | 0.03 | Lateral |
| SWR_LTR_14924 | Polyvinyl Chloride | 8 | 27.17 | 0.04 | Lateral |
| SWR_LTR_14926 | Polyvinyl Chloride | 6 | 56.22 | 0.06 | Lateral |
| SWR_LTR_14927 | Polyvinyl Chloride | 6 | 9.32 | 0.01 | Lateral |
| SWR_LTR_14928 | Polyvinyl Chloride | 6 | 6.94 | 0.01 | Lateral |
| SWR_LTR_14929 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_14930 | Polyvinyl Chloride | 6 | 5.94 | 0.01 | Lateral |
| SWR_LTR_14931 | Polyvinyl Chloride | 6 | 5.90 | 0.01 | Lateral |
| SWR_LTR_15153 | Polyvinyl Chloride | 6 | 45.74 | 0.05 | Lateral |
| SWR_LTR_15154 | Polyvinyl Chloride | 6 | 14.25 | 0.02 | Lateral |
| SWR_LTR_15155 | Polyvinyl Chloride | 6 | 13.98 | 0.02 | Lateral |
| SWR_LTR_15156 | Polyvinyl Chloride | 6 | 13.13 | 0.01 | Lateral |
| SWR_LTR_15157 | Polyvinyl Chloride | 6 | 45.99 | 0.05 | Lateral |
| SWR_LTR_15158 | Polyvinyl Chloride | 6 | 41.45 | 0.05 | Lateral |
| SWR_LTR_15159 | Polyvinyl Chloride | 6 | 46.61 | 0.05 | Lateral |
| SWR_LTR_15515 | Polyvinyl Chloride | 6 | 10.55 | 0.01 | Lateral |
| SWR_LTR_15516 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15517 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15518 | Polyvinyl Chloride | 6 | 8.82 | 0.01 | Lateral |
| SWR_LTR_15519 | Polyvinyl Chloride | 6 | 8.45 | 0.01 | Lateral |
| SWR_LTR_15520 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15521 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15522 | Polyvinyl Chloride | 6 | 41.33 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15523 | Polyvinyl Chloride | 6 | 42.99 | 0.05 | Lateral |
| SWR_LTR_15524 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_15525 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_15526 | Polyvinyl Chloride | 6 | 43.01 | 0.05 | Lateral |
| SWR_LTR_15527 | Polyvinyl Chloride | 6 | 44.50 | 0.05 | Lateral |
| SWR_LTR_15580 | Polyvinyl Chloride | 6 | 12.02 | 0.01 | Lateral |
| SWR_LTR_15581 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_15582 | Polyvinyl Chloride | 6 | 12.02 | 0.01 | Lateral |
| SWR_LTR_15583 | Polyvinyl Chloride | 6 | 11.99 | 0.01 | Lateral |
| SWR_LTR_15584 | Polyvinyl Chloride | 6 | 11.99 | 0.01 | Lateral |
| SWR_LTR_15585 | Polyvinyl Chloride | 6 | 39.31 | 0.04 | Lateral |
| SWR_LTR_15587 | Polyvinyl Chloride | 6 | 39.44 | 0.04 | Lateral |
| SWR_LTR_15588 | Polyvinyl Chloride | 6 | 43.23 | 0.05 | Lateral |
| SWR_LTR_15589 | Polyvinyl Chloride | 6 | 39.53 | 0.04 | Lateral |
| SWR_LTR_15590 | Polyvinyl Chloride | 6 | 8.81 | 0.01 | Lateral |
| SWR_LTR_15591 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_15592 | Polyvinyl Chloride | 6 | 39.60 | 0.05 | Lateral |
| SWR_LTR_16036 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16037 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_16038 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16039 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_16048 | Polyvinyl Chloride | 6 | 25.67 | 0.03 | Lateral |
| SWR_LTR_16049 | Polyvinyl Chloride | 8 | 13.68 | 0.02 | Lateral |
| SWR_LTR_16050 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_16051 | Polyvinyl Chloride | 6 | 18.90 | 0.02 | Lateral |
| SWR_LTR_16053 | Polyvinyl Chloride | 6 | 27.06 | 0.03 | Lateral |
| SWR_LTR_16054 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_16055 | Polyvinyl Chloride | 6 | 31.23 | 0.04 | Lateral |
| SWR_LTR_16056 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_16057 | Polyvinyl Chloride | 6 | 32.00 | 0.04 | Lateral |
| SWR_LTR_16058 | Polyvinyl Chloride | 6 | 31.81 | 0.04 | Lateral |
| SWR_LTR_16059 | Polyvinyl Chloride | 6 | 26.29 | 0.03 | Lateral |
| SWR_LTR_16060 | Polyvinyl Chloride | 6 | 31.49 | 0.04 | Lateral |
| SWR_LTR_16061 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_16062 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_16063 | Polyvinyl Chloride | 6 | 42.39 | 0.05 | Lateral |
| SWR_LTR_16064 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_16065 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_16066 | Polyvinyl Chloride | 8 | 19.40 | 0.03 | Lateral |
| SWR_LTR_16121 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_16122 | Polyvinyl Chloride | 6 | 16.06 | 0.02 | Lateral |
| SWR_LTR_16123 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_16124 | Polyvinyl Chloride | 8 | 45.05 | 0.07 | Lateral |
| SWR_LTR_16125 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_16126 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16127 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_16128 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16129 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16130 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16131 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_16132 | Polyvinyl Chloride | 6 | 11.99 | 0.01 | Lateral |
| SWR_LTR_16133 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16134 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_16135 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16136 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_16137 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_16138 | Polyvinyl Chloride | 6 | 12.02 | 0.01 | Lateral |
| SWR_LTR_16139 | Polyvinyl Chloride | 6 | 28.19 | 0.03 | Lateral |
| SWR_LTR_16140 | Polyvinyl Chloride | 6 | 35.51 | 0.04 | Lateral |
| SWR_LTR_16141 | Polyvinyl Chloride | 6 | 46.01 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16142 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_16143 | Polyvinyl Chloride | 6 | 33.56 | 0.04 | Lateral |
| SWR_LTR_16144 | Polyvinyl Chloride | 6 | 42.51 | 0.05 | Lateral |
| SWR_LTR_16151 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16152 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16153 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16154 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16155 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_16156 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16157 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16158 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16159 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16160 | Polyvinyl Chloride | 6 | 40.24 | 0.05 | Lateral |
| SWR_LTR_16161 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_16162 | Polyvinyl Chloride | 6 | 14.76 | 0.02 | Lateral |
| SWR_LTR_16163 | Polyvinyl Chloride | 6 | 15.78 | 0.02 | Lateral |
| SWR_LTR_16164 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_16165 | Polyvinyl Chloride | 6 | 17.01 | 0.02 | Lateral |
| SWR_LTR_16166 | Polyvinyl Chloride | 6 | 7.97 | 0.01 | Lateral |
| SWR_LTR_16167 | Polyvinyl Chloride | 6 | 5.01 | 0.01 | Lateral |
| SWR_LTR_16170 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_16177 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_16178 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_16179 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16180 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_16181 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_16182 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_16204 | Polyvinyl Chloride | 6 | 13.61 | 0.02 | Lateral |
| SWR_LTR_16225 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_16226 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_16227 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_16285 | Polyvinyl Chloride | 6 | 48.68 | 0.06 | Lateral |
| SWR_LTR_16286 | Polyvinyl Chloride | 6 | 6.26 | 0.01 | Lateral |
| SWR_LTR_16287 | Polyvinyl Chloride | 6 | 50.37 | 0.06 | Lateral |
| SWR_LTR_16326 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_16327 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16328 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16361 | Polyvinyl Chloride | 6 | 21.16 | 0.02 | Lateral |
| SWR_LTR_16362 | Polyvinyl Chloride | 6 | 27.30 | 0.03 | Lateral |
| SWR_LTR_16363 | Polyvinyl Chloride | 6 | 26.71 | 0.03 | Lateral |
| SWR_LTR_16364 | Polyvinyl Chloride | 6 | 26.81 | 0.03 | Lateral |
| SWR_LTR_16365 | Polyvinyl Chloride | 6 | 26.66 | 0.03 | Lateral |
| SWR_LTR_16366 | Polyvinyl Chloride | 6 | 25.68 | 0.03 | Lateral |
| SWR_LTR_16367 | Polyvinyl Chloride | 6 | 25.78 | 0.03 | Lateral |
| SWR_LTR_16368 | Polyvinyl Chloride | 6 | 25.99 | 0.03 | Lateral |
| SWR_LTR_16370 | Polyvinyl Chloride | 6 | 8.93 | 0.01 | Lateral |
| SWR_LTR_16371 | Polyvinyl Chloride | 6 | 8.57 | 0.01 | Lateral |
| SWR_LTR_16372 | Polyvinyl Chloride | 6 | 7.67 | 0.01 | Lateral |
| SWR_LTR_16453 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_16454 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16455 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16456 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16457 | Polyvinyl Chloride | 6 | 12.78 | 0.01 | Lateral |
| SWR_LTR_16458 | Polyvinyl Chloride | 6 | 12.77 | 0.01 | Lateral |
| SWR_LTR_16459 | Polyvinyl Chloride | 6 | 12.76 | 0.01 | Lateral |
| SWR_LTR_16460 | Polyvinyl Chloride | 6 | 12.78 | 0.01 | Lateral |
| SWR_LTR_16461 | Polyvinyl Chloride | 6 | 15.65 | 0.02 | Lateral |
| SWR_LTR_16462 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_16463 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_16489 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16744 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_16745 | Polyvinyl Chloride | 6 | 30.19 | 0.03 | Lateral |
| SWR_LTR_16746 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_16747 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_16748 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_16749 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_16750 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_16751 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_16752 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_16753 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_16754 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_16755 | Polyvinyl Chloride | 8 | 88.20 | 0.13 | Lateral |
| SWR_LTR_16756 | Polyvinyl Chloride | 8 | 17.92 | 0.03 | Lateral |
| SWR_LTR_16757 | Polyvinyl Chloride | 8 | 17.93 | 0.03 | Lateral |
| SWR_LTR_16758 | Polyvinyl Chloride | 6 | 25.80 | 0.03 | Lateral |
| SWR_LTR_16805 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16806 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16807 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16808 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16809 | Polyvinyl Chloride | 6 | 17.69 | 0.02 | Lateral |
| SWR_LTR_16810 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16811 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_16812 | Polyvinyl Chloride | 6 | 15.39 | 0.02 | Lateral |
| SWR_LTR_16813 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_16814 | Polyvinyl Chloride | 6 | 15.30 | 0.02 | Lateral |
| SWR_LTR_16815 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16816 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16848 | Polyvinyl Chloride | 6 | 35.61 | 0.04 | Lateral |
| SWR_LTR_16849 | Polyvinyl Chloride | 6 | 35.00 | 0.04 | Lateral |
| SWR_LTR_16850 | Polyvinyl Chloride | 6 | 33.47 | 0.04 | Lateral |
| SWR_LTR_16851 | Polyvinyl Chloride | 6 | 34.38 | 0.04 | Lateral |
| SWR_LTR_16852 | Polyvinyl Chloride | 6 | 34.94 | 0.04 | Lateral |
| SWR_LTR_16853 | Polyvinyl Chloride | 6 | 34.96 | 0.04 | Lateral |
| SWR_LTR_16854 | Polyvinyl Chloride | 6 | 34.94 | 0.04 | Lateral |
| SWR_LTR_16855 | Polyvinyl Chloride | 6 | 34.53 | 0.04 | Lateral |
| SWR_LTR_16856 | Polyvinyl Chloride | 6 | 39.66 | 0.05 | Lateral |
| SWR_LTR_16857 | Polyvinyl Chloride | 6 | 32.32 | 0.04 | Lateral |
| SWR_LTR_16858 | Polyvinyl Chloride | 6 | 29.18 | 0.03 | Lateral |
| SWR_LTR_16859 | Polyvinyl Chloride | 6 | 36.03 | 0.04 | Lateral |
| SWR_LTR_16860 | Polyvinyl Chloride | 6 | 30.86 | 0.04 | Lateral |
| SWR_LTR_16861 | Polyvinyl Chloride | 6 | 44.93 | 0.05 | Lateral |
| SWR_LTR_16862 | Polyvinyl Chloride | 6 | 44.92 | 0.05 | Lateral |
| SWR_LTR_16863 | Polyvinyl Chloride | 6 | 41.02 | 0.05 | Lateral |
| SWR_LTR_16864 | Polyvinyl Chloride | 6 | 27.91 | 0.03 | Lateral |
| SWR_LTR_16979 | Polyvinyl Chloride | 6 | 19.01 | 0.02 | Lateral |
| SWR_LTR_16980 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_16981 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_16982 | Polyvinyl Chloride | 6 | 13.53 | 0.02 | Lateral |
| SWR_LTR_16983 | Polyvinyl Chloride | 6 | 13.60 | 0.02 | Lateral |
| SWR_LTR_16984 | Polyvinyl Chloride | 6 | 31.04 | 0.04 | Lateral |
| SWR_LTR_16985 | Polyvinyl Chloride | 6 | 35.53 | 0.04 | Lateral |
| SWR_LTR_16986 | Polyvinyl Chloride | 6 | 34.43 | 0.04 | Lateral |
| SWR_LTR_16987 | Polyvinyl Chloride | 6 | 24.24 | 0.03 | Lateral |
| SWR_LTR_16988 | Polyvinyl Chloride | 6 | 25.03 | 0.03 | Lateral |
| SWR_LTR_16989 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_16990 | Polyvinyl Chloride | 6 | 31.82 | 0.04 | Lateral |
| SWR_LTR_16991 | Polyvinyl Chloride | 6 | 38.90 | 0.04 | Lateral |
| SWR_LTR_16992 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_16993 | Polyvinyl Chloride | 6 | 25.60 | 0.03 | Lateral |
| SWR_LTR_16994 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16995 | Polyvinyl Chloride | 6 | 29.09 | 0.03 | Lateral |
| SWR_LTR_16996 | Polyvinyl Chloride | 6 | 29.57 | 0.03 | Lateral |
| SWR_LTR_16997 | Polyvinyl Chloride | 6 | 33.53 | 0.04 | Lateral |
| SWR_LTR_16998 | Polyvinyl Chloride | 6 | 23.66 | 0.03 | Lateral |
| SWR_LTR_16999 | Polyvinyl Chloride | 6 | 23.71 | 0.03 | Lateral |
| SWR_LTR_17000 | Polyvinyl Chloride | 6 | 25.26 | 0.03 | Lateral |
| SWR_LTR_17001 | Polyvinyl Chloride | 6 | 26.07 | 0.03 | Lateral |
| SWR_LTR_17002 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_17003 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_17004 | Polyvinyl Chloride | 6 | 31.64 | 0.04 | Lateral |
| SWR_LTR_17005 | Polyvinyl Chloride | 6 | 32.11 | 0.04 | Lateral |
| SWR_LTR_17006 | Polyvinyl Chloride | 6 | 23.01 | 0.03 | Lateral |
| SWR_LTR_17007 | Polyvinyl Chloride | 6 | 32.47 | 0.04 | Lateral |
| SWR_LTR_17008 | Polyvinyl Chloride | 6 | 22.62 | 0.03 | Lateral |
| SWR_LTR_17009 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_17010 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_17011 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_17012 | Polyvinyl Chloride | 6 | 53.78 | 0.06 | Lateral |
| SWR_LTR_17013 | Polyvinyl Chloride | 6 | 44.17 | 0.05 | Lateral |
| SWR_LTR_17014 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_17015 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_17016 | Polyvinyl Chloride | 6 | 50.94 | 0.06 | Lateral |
| SWR_LTR_17017 | Polyvinyl Chloride | 6 | 49.49 | 0.06 | Lateral |
| SWR_LTR_17018 | Polyvinyl Chloride | 6 | 11.49 | 0.01 | Lateral |
| SWR_LTR_17019 | Polyvinyl Chloride | 6 | 6.51 | 0.01 | Lateral |
| SWR_LTR_17020 | Polyvinyl Chloride | 6 | 6.49 | 0.01 | Lateral |
| SWR_LTR_17021 | Polyvinyl Chloride | 6 | 11.49 | 0.01 | Lateral |
| SWR_LTR_17022 | Polyvinyl Chloride | 6 | 6.28 | 0.01 | Lateral |
| SWR_LTR_17024 | Polyvinyl Chloride | 6 | 11.50 | 0.01 | Lateral |
| SWR_LTR_17026 | Polyvinyl Chloride | 6 | 13.03 | 0.01 | Lateral |
| SWR_LTR_17027 | Polyvinyl Chloride | 6 | 11.51 | 0.01 | Lateral |
| SWR_LTR_17031 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_17032 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_17033 | Polyvinyl Chloride | 6 | 21.98 | 0.02 | Lateral |
| SWR_LTR_17034 | Polyvinyl Chloride | 6 | 17.57 | 0.02 | Lateral |
| SWR_LTR_17035 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_17036 | Polyvinyl Chloride | 6 | 64.35 | 0.07 | Lateral |
| SWR_LTR_17037 | Polyvinyl Chloride | 6 | 65.89 | 0.07 | Lateral |
| SWR_LTR_17038 | Polyvinyl Chloride | 6 | 21.08 | 0.02 | Lateral |
| SWR_LTR_17039 | Polyvinyl Chloride | 6 | 36.22 | 0.04 | Lateral |
| SWR_LTR_18532 | Polyvinyl Chloride | 6 | 0.54 | 0.001 | Lateral |
| SWR_LTR_2404 | Polyvinyl Chloride | 12 | 25.82 | 0.06 | Lateral |
| SWR_LTR_2735 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_2737 | Polyvinyl Chloride | 6 | 39.15 | 0.04 | Lateral |
| SWR_LTR_2740 | Polyvinyl Chloride | 6 | 36.46 | 0.04 | Lateral |
| SWR_LTR_2742 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_2744 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_2746 | Polyvinyl Chloride | 6 | 26.30 | 0.03 | Lateral |
| SWR_LTR_2748 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_2750 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_2752 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_2754 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_2758 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_2762 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_2767 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_2770 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_2772 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_2774 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_2776 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_2778 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 19**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2780 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_2782 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_2785 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_2788 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_2791 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_2794 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_2797 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_2800 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_2804 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_2807 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_2818 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_2821 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_2823 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_3286 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_3288 | Polyvinyl Chloride | 8 | 21.13 | 0.03 | Lateral |
| SWR_LTR_3289 | Polyvinyl Chloride | 6 | 46.19 | 0.05 | Lateral |
| SWR_LTR_3291 | Polyvinyl Chloride | 6 | 22.08 | 0.03 | Lateral |
| SWR_LTR_3293 | Polyvinyl Chloride | 6 | 21.83 | 0.02 | Lateral |
| SWR_LTR_3295 | Polyvinyl Chloride | 6 | 21.46 | 0.02 | Lateral |
| SWR_LTR_3297 | Polyvinyl Chloride | 8 | 98.30 | 0.15 | Lateral |
| SWR_LTR_3300 | Polyvinyl Chloride | 8 | 14.64 | 0.02 | Lateral |
| SWR_LTR_3303 | Polyvinyl Chloride | 8 | 19.02 | 0.03 | Lateral |
| SWR_LTR_3306 | Polyvinyl Chloride | 6 | 7.61 | 0.01 | Lateral |
| SWR_LTR_3357 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_3359 | Polyvinyl Chloride | 6 | 47.22 | 0.05 | Lateral |
| SWR_LTR_3361 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_3363 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_3365 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_3367 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_3369 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_3374 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_3378 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_3380 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_3382 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_3385 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_3387 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_4839 | Terra Cotta | 6 | 5.15 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1070 | Polyvinyl Chloride | 12 | 65.36 | 0.15 | Main |
| SWR_GRV_3597 | Terra Cotta | 15 | 185.86 | 0.53 | Main |
| SWR_GRV_3600 | Terra Cotta | 15 | 135.82 | 0.39 | Main |
| SWR_GRV_3603 | Terra Cotta | 12 | 57.08 | 0.13 | Main |
| SWR_GRV_3606 | Terra Cotta | 8 | 314.53 | 0.48 | Main |
| SWR_GRV_3609 | Terra Cotta | 8 | 321.33 | 0.49 | Main |
| SWR_GRV_3612 | Terra Cotta | 8 | 271.11 | 0.41 | Main |
| SWR_GRV_3615 | Terra Cotta | 8 | 271.90 | 0.41 | Main |
| SWR_GRV_3618 | Terra Cotta | 12 | 286.73 | 0.65 | Main |
| SWR_GRV_3621 | Terra Cotta | 15 | 303.44 | 0.86 | Main |
| SWR_GRV_3624 | Terra Cotta | 15 | 301.50 | 0.86 | Main |
| SWR_GRV_3626 | Terra Cotta | 15 | 308.81 | 0.88 | Main |
| SWR_GRV_3629 | Terra Cotta | 15 | 139.40 | 0.40 | Main |
| SWR_GRV_3632 | Terra Cotta | 8 | 224.79 | 0.34 | Main |
| SWR_GRV_3637 | Terra Cotta | 8 | 220.11 | 0.33 | Main |
| SWR_GRV_3640 | Terra Cotta | 8 | 201.17 | 0.30 | Main |
| SWR_GRV_3643 | Terra Cotta | 8 | 376.57 | 0.57 | Main |
| SWR_GRV_3805 | Terra Cotta | 8 | 198.43 | 0.30 | Main |
| SWR_GRV_3812 | Terra Cotta | 10 | 319.99 | 0.61 | Main |
| SWR_GRV_3815 | Terra Cotta | 12 | 294.12 | 0.67 | Main |
| SWR_GRV_3817 | Terra Cotta | 8 | 247.50 | 0.37 | Main |
| SWR_GRV_3819 | Terra Cotta | 8 | 259.32 | 0.39 | Main |
| SWR_GRV_3821 | Terra Cotta | 12 | 273.40 | 0.62 | Main |
| SWR_GRV_3823 | Terra Cotta | 12 | 381.60 | 0.87 | Main |
| SWR_GRV_3825 | Terra Cotta | 12 | 417.69 | 0.95 | Main |
| SWR_GRV_3828 | Terra Cotta | 8 | 261.31 | 0.40 | Main |
| SWR_GRV_3832 | Terra Cotta | 8 | 281.66 | 0.43 | Main |
| SWR_GRV_3834 | Terra Cotta | 8 | 248.10 | 0.38 | Main |
| SWR_GRV_3837 | Terra Cotta | 8 | 320.35 | 0.49 | Main |
| SWR_GRV_3842 | Terra Cotta | 8 | 314.64 | 0.48 | Main |
| SWR_GRV_3845 | Terra Cotta | 8 | 309.75 | 0.47 | Main |
| SWR_GRV_3848 | Terra Cotta | 8 | 225.10 | 0.34 | Main |
| SWR_GRV_3852 | Terra Cotta | 8 | 321.03 | 0.49 | Main |
| SWR_GRV_3858 | Terra Cotta | 8 | 350.12 | 0.53 | Main |
| SWR_GRV_3861 | Terra Cotta | 10 | 274.94 | 0.52 | Main |
| SWR_GRV_3863 | Terra Cotta | 8 | 354.96 | 0.54 | Main |
| SWR_GRV_3866 | Terra Cotta | 8 | 272.54 | 0.41 | Main |
| SWR_GRV_4393 | Terra Cotta | 8 | 342.33 | 0.52 | Main |
| SWR_GRV_4394 | Terra Cotta | 8 | 364.40 | 0.55 | Main |
| SWR_GRV_4396 | Terra Cotta | 8 | 352.56 | 0.53 | Main |
| SWR_GRV_4398 | Terra Cotta | 8 | 357.16 | 0.54 | Main |
| SWR_GRV_4400 | Terra Cotta | 12 | 300.08 | 0.68 | Main |
| SWR_GRV_4403 | Terra Cotta | 8 | 297.25 | 0.45 | Main |
| SWR_GRV_4406 | Terra Cotta | 8 | 339.06 | 0.51 | Main |
| SWR_GRV_4409 | Terra Cotta | 8 | 296.71 | 0.45 | Main |
| SWR_GRV_4412 | Terra Cotta | 8 | 368.25 | 0.56 | Main |
| SWR_GRV_4415 | Terra Cotta | 8 | 378.60 | 0.57 | Main |
| SWR_GRV_4419 | Terra Cotta | 10 | 198.04 | 0.38 | Main |
| SWR_GRV_4422 | Terra Cotta | 10 | 173.07 | 0.33 | Main |
| SWR_GRV_4424 | Polyvinyl Chloride | 8 | 94.12 | 0.14 | Main |
| SWR_GRV_4847 | Terra Cotta | 6 | 125.58 | 0.14 | Main |
| SWR_GRV_4849 | Terra Cotta | 18 | 171.04 | 0.58 | Main |
| SWR_GRV_4850 | Polyvinyl Chloride | 8 | 329.06 | 0.50 | Main |
| SWR_GRV_4852 | Polyvinyl Chloride | 8 | 325.41 | 0.49 | Main |
| SWR_GRV_4854 | Polyvinyl Chloride | 8 | 322.41 | 0.49 | Main |
| SWR_GRV_4856 | Terra Cotta | 8 | 314.79 | 0.48 | Main |
| SWR_GRV_4858 | Terra Cotta | 8 | 285.11 | 0.43 | Main |
| SWR_GRV_4860 | Terra Cotta | 8 | 103.88 | 0.16 | Main |
| SWR_GRV_4862 | Terra Cotta | 8 | 148.68 | 0.23 | Main |
| SWR_GRV_4864 | Terra Cotta | 8 | 255.02 | 0.39 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_4866 | Terra Cotta | 8 | 187.95 | 0.28 | Main |
| SWR_GRV_4868 | Terra Cotta | 8 | 96.05 | 0.15 | Main |
| SWR_GRV_4870 | Terra Cotta | 8 | 115.44 | 0.17 | Main |
| SWR_GRV_4872 | Terra Cotta | 8 | 107.53 | 0.16 | Main |
| SWR_GRV_4874 | Terra Cotta | 8 | 357.91 | 0.54 | Main |
| SWR_GRV_4876 | Terra Cotta | 10 | 372.29 | 0.71 | Main |
| SWR_GRV_4908 | Terra Cotta | 12 | 7.55 | 0.02 | Main |
| SWR_GRV_4910 | Terra Cotta | 8 | 4.85 | 0.01 | Main |
| SWR_GRV_4912 | Terra Cotta | 8 | 351.11 | 0.53 | Main |
| SWR_GRV_5222 | Terra Cotta | 8 | 245.44 | 0.37 | Main |
| SWR_GRV_5224 | Terra Cotta | 8 | 310.84 | 0.47 | Main |
| SWR_GRV_5226 | Terra Cotta | 8 | 270.36 | 0.41 | Main |
| SWR_GRV_5228 | Terra Cotta | 8 | 373.64 | 0.57 | Main |
| SWR_GRV_5229 | Terra Cotta | 8 | 160.46 | 0.24 | Main |
| SWR_GRV_5231 | Terra Cotta | 8 | 204.85 | 0.31 | Main |
| SWR_GRV_5233 | Terra Cotta | 8 | 267.63 | 0.41 | Main |
| SWR_GRV_5235 | Terra Cotta | 8 | 265.75 | 0.40 | Main |
| SWR_GRV_5237 | Terra Cotta | 8 | 286.87 | 0.43 | Main |
| SWR_GRV_5239 | Terra Cotta | 8 | 298.08 | 0.45 | Main |
| SWR_GRV_5241 | Terra Cotta | 8 | 305.29 | 0.46 | Main |
| SWR_GRV_5243 | Terra Cotta | 10 | 285.16 | 0.54 | Main |
| SWR_GRV_5245 | Terra Cotta | 8 | 346.36 | 0.52 | Main |
| SWR_GRV_5247 | Terra Cotta | 8 | 326.86 | 0.50 | Main |
| SWR_GRV_5249 | Terra Cotta | 8 | 326.64 | 0.49 | Main |
| SWR_GRV_5251 | Terra Cotta | 8 | 327.07 | 0.50 | Main |
| SWR_GRV_5253 | Terra Cotta | 8 | 326.59 | 0.49 | Main |
| SWR_GRV_5255 | Terra Cotta | 8 | 298.38 | 0.45 | Main |
| SWR_GRV_5257 | Terra Cotta | 8 | 311.15 | 0.47 | Main |
| SWR_GRV_5259 | Terra Cotta | 8 | 130.92 | 0.20 | Main |
| SWR_GRV_5261 | Terra Cotta | 12 | 40.30 | 0.09 | Main |
| SWR_GRV_5263 | Terra Cotta | 12 | 15.25 | 0.03 | Main |
| SWR_GRV_5265 | Terra Cotta | 12 | 136.48 | 0.31 | Main |
| SWR_GRV_5267 | Terra Cotta | 12 | 188.11 | 0.43 | Main |
| SWR_GRV_5269 | Terra Cotta | 15 | 349.29 | 0.99 | Main |
| SWR_GRV_5271 | Terra Cotta | 15 | 340.08 | 0.97 | Main |
| SWR_GRV_5273 | Terra Cotta | 15 | 339.73 | 0.97 | Main |
| SWR_GRV_5275 | Terra Cotta | 8 | 250.31 | 0.38 | Main |
| SWR_GRV_5277 | Terra Cotta | 8 | 300.86 | 0.46 | Main |
| SWR_GRV_5279 | Terra Cotta | 8 | 387.29 | 0.59 | Main |
| SWR_GRV_5281 | Terra Cotta | 8 | 295.39 | 0.45 | Main |
| SWR_GRV_5283 | Terra Cotta | 8 | 144.58 | 0.22 | Main |
| SWR_GRV_5284 | Terra Cotta | 10 | 284.55 | 0.54 | Main |
| SWR_GRV_5285 | Terra Cotta | 8 | 350.13 | 0.53 | Main |
| SWR_GRV_5287 | Terra Cotta | 8 | 343.28 | 0.52 | Main |
| SWR_GRV_5289 | Terra Cotta | 8 | 261.24 | 0.40 | Main |
| SWR_GRV_5291 | Terra Cotta | 8 | 267.86 | 0.41 | Main |
| SWR_GRV_5293 | Terra Cotta | 8 | 270.13 | 0.41 | Main |
| SWR_GRV_5295 | Terra Cotta | 8 | 269.46 | 0.41 | Main |
| SWR_GRV_5297 | Terra Cotta | 10 | 184.52 | 0.35 | Main |
| SWR_GRV_5299 | Terra Cotta | 10 | 161.86 | 0.31 | Main |
| SWR_GRV_5301 | Terra Cotta | 12 | 314.08 | 0.71 | Main |
| SWR_GRV_5303 | Terra Cotta | 12 | 321.35 | 0.73 | Main |
| SWR_GRV_5305 | Terra Cotta | 12 | 339.05 | 0.77 | Main |
| SWR_GRV_5307 | Terra Cotta | 8 | 141.24 | 0.21 | Main |
| SWR_GRV_5309 | Terra Cotta | 8 | 105.18 | 0.16 | Main |
| SWR_GRV_5311 | Terra Cotta | 8 | 204.77 | 0.31 | Main |
| SWR_GRV_5314 | Terra Cotta | 8 | 135.90 | 0.21 | Main |
| SWR_GRV_5316 | Terra Cotta | 8 | 143.31 | 0.22 | Main |
| SWR_GRV_5318 | Terra Cotta | 8 | 81.23 | 0.12 | Main |
| SWR_GRV_5320 | Terra Cotta | 8 | 341.29 | 0.52 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_5322 | Terra Cotta | 8 | 338.81 | 0.51 | Main |
| SWR_GRV_5323 | Terra Cotta | 8 | 330.31 | 0.50 | Main |
| SWR_GRV_5325 | Terra Cotta | 8 | 326.19 | 0.49 | Main |
| SWR_GRV_5327 | Terra Cotta | 8 | 268.09 | 0.41 | Main |
| SWR_GRV_5329 | Terra Cotta | 8 | 318.62 | 0.48 | Main |
| SWR_GRV_5331 | Terra Cotta | 8 | 318.70 | 0.48 | Main |
| SWR_GRV_5333 | Terra Cotta | 8 | 309.73 | 0.47 | Main |
| SWR_GRV_5335 | Terra Cotta | 8 | 325.59 | 0.49 | Main |
| SWR_GRV_5337 | Terra Cotta | 8 | 309.01 | 0.47 | Main |
| SWR_GRV_5339 | Terra Cotta | 10 | 299.45 | 0.57 | Main |
| SWR_GRV_5341 | Terra Cotta | 8 | 354.94 | 0.54 | Main |
| SWR_GRV_5343 | Terra Cotta | 8 | 198.91 | 0.30 | Main |
| SWR_GRV_5345 | Terra Cotta | 8 | 26.39 | 0.04 | Main |
| SWR_GRV_5347 | Terra Cotta | 10 | 158.80 | 0.30 | Main |
| SWR_GRV_5349 | Terra Cotta | 8 | 260.00 | 0.39 | Main |
| SWR_GRV_5351 | Terra Cotta | 12 | 129.44 | 0.29 | Main |
| SWR_GRV_5353 | Terra Cotta | 8 | 256.66 | 0.39 | Main |
| SWR_GRV_5356 | Polyvinyl Chloride | 10 | 303.78 | 0.58 | Main |
| SWR_GRV_5358 | Polyvinyl Chloride | 12 | 7.64 | 0.02 | Main |
| SWR_GRV_5360 | Polyvinyl Chloride | 8 | 21.34 | 0.03 | Main |
| SWR_GRV_5362 | Polyvinyl Chloride | 20 | 65.67 | 0.25 | Main |
| SWR_GRV_5364 | Terra Cotta | 12 | 250.60 | 0.57 | Main |
| SWR_GRV_5366 | Terra Cotta | 12 | 193.07 | 0.44 | Main |
| SWR_GRV_5368 | Terra Cotta | 12 | 99.45 | 0.23 | Main |
| SWR_GRV_5370 | Terra Cotta | 20 | 112.81 | 0.43 | Main |
| SWR_GRV_5372 | Terra Cotta | 20 | 18.46 | 0.07 | Main |
| SWR_GRV_5374 | Terra Cotta | 20 | 48.12 | 0.18 | Main |
| SWR_GRV_5376 | Terra Cotta | 20 | 7.39 | 0.03 | Main |
| SWR_GRV_5378 | Terra Cotta | 12 | 251.79 | 0.57 | Main |
| SWR_GRV_5380 | Terra Cotta | 12 | 177.25 | 0.40 | Main |
| SWR_GRV_5382 | Terra Cotta | 8 | 122.47 | 0.19 | Main |
| SWR_GRV_5384 | Terra Cotta | 8 | 204.36 | 0.31 | Main |
| SWR_GRV_5386 | Terra Cotta | 8 | 216.65 | 0.33 | Main |
| SWR_GRV_5388 | Terra Cotta | 8 | 201.77 | 0.31 | Main |
| SWR_GRV_5390 | Terra Cotta | 8 | 62.64 | 0.09 | Main |
| SWR_GRV_5392 | Terra Cotta | 8 | 419.88 | 0.64 | Main |
| SWR_GRV_7350 | Polyvinyl Chloride | 8 | 190.90 | 0.29 | Main |
| SWR_GRV_7352 | Polyvinyl Chloride | 8 | 293.43 | 0.44 | Main |
| SWR_GRV_7354 | Polyvinyl Chloride | 8 | 16.19 | 0.02 | Main |
| SWR_GRV_7356 | Polyvinyl Chloride | 8 | 293.74 | 0.45 | Main |
| SWR_GRV_7358 | Terra Cotta | 8 | 99.57 | 0.15 | Main |
| SWR_GRV_7360 | Terra Cotta | 18 | 357.25 | 1.22 | Main |
| SWR_GRV_7363 | Terra Cotta | 18 | 349.23 | 1.19 | Main |
| SWR_GRV_8035 | Terra Cotta | 8 | 315.76 | 0.48 | Main |
| SWR_GRV_8197 | Terra Cotta | 8 | 208.58 | 0.32 | Main |
| SWR_GRV_8199 | Terra Cotta | 8 | 49.52 | 0.08 | Main |
| SWR_GRV_8201 | Terra Cotta | 8 | 313.94 | 0.48 | Main |
| SWR_GRV_8203 | Terra Cotta | 8 | 298.29 | 0.45 | Main |
| SWR_GRV_8205 | Terra Cotta | 10 | 320.31 | 0.61 | Main |
| SWR_GRV_8500 | Terra Cotta | 18 | 352.08 | 1.20 | Main |
| SWR_GRV_8502 | Terra Cotta | 8 | 264.10 | 0.40 | Main |
| SWR_LTR_1017 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_1071 | Polyvinyl Chloride | 6 | 11.43 | 0.01 | Lateral |
| SWR_LTR_11871 | Polyvinyl Chloride | 6 | 34.15 | 0.04 | Lateral |
| SWR_LTR_11872 | Polyvinyl Chloride | 6 | 33.18 | 0.04 | Lateral |
| SWR_LTR_11873 | Polyvinyl Chloride | 6 | 33.24 | 0.04 | Lateral |
| SWR_LTR_11874 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_11875 | Polyvinyl Chloride | 6 | 32.63 | 0.04 | Lateral |
| SWR_LTR_11876 | Polyvinyl Chloride | 6 | 30.02 | 0.03 | Lateral |
| SWR_LTR_11877 | Polyvinyl Chloride | 6 | 26.73 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11878 | Polyvinyl Chloride | 6 | 26.99 | 0.03 | Lateral |
| SWR_LTR_11879 | Polyvinyl Chloride | 6 | 27.49 | 0.03 | Lateral |
| SWR_LTR_11880 | Polyvinyl Chloride | 6 | 32.02 | 0.04 | Lateral |
| SWR_LTR_11881 | Polyvinyl Chloride | 6 | 26.73 | 0.03 | Lateral |
| SWR_LTR_11882 | Polyvinyl Chloride | 6 | 31.73 | 0.04 | Lateral |
| SWR_LTR_11883 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11884 | Polyvinyl Chloride | 6 | 10.72 | 0.01 | Lateral |
| SWR_LTR_11885 | Polyvinyl Chloride | 6 | 20.52 | 0.02 | Lateral |
| SWR_LTR_11886 | Polyvinyl Chloride | 6 | 27.96 | 0.03 | Lateral |
| SWR_LTR_11889 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_11890 | Polyvinyl Chloride | 6 | 6.72 | 0.01 | Lateral |
| SWR_LTR_11891 | Polyvinyl Chloride | 6 | 8.11 | 0.01 | Lateral |
| SWR_LTR_11892 | Polyvinyl Chloride | 6 | 8.15 | 0.01 | Lateral |
| SWR_LTR_11893 | Polyvinyl Chloride | 6 | 8.15 | 0.01 | Lateral |
| SWR_LTR_11894 | Polyvinyl Chloride | 6 | 8.16 | 0.01 | Lateral |
| SWR_LTR_11895 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_11896 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_1320 | Cast Iron | 6 | 14.15 | 0.02 | Lateral |
| SWR_LTR_13225 | Terra Cotta | 6 | 5.94 | 0.01 | Lateral |
| SWR_LTR_13817 | Polyvinyl Chloride | 6 | 30.17 | 0.03 | Lateral |
| SWR_LTR_13818 | Polyvinyl Chloride | 6 | 28.19 | 0.03 | Lateral |
| SWR_LTR_13819 | Polyvinyl Chloride | 6 | 28.26 | 0.03 | Lateral |
| SWR_LTR_13820 | Polyvinyl Chloride | 6 | 53.96 | 0.06 | Lateral |
| SWR_LTR_13821 | Polyvinyl Chloride | 6 | 55.64 | 0.06 | Lateral |
| SWR_LTR_13822 | Polyvinyl Chloride | 6 | 55.04 | 0.06 | Lateral |
| SWR_LTR_13823 | Polyvinyl Chloride | 6 | 53.25 | 0.06 | Lateral |
| SWR_LTR_13824 | Polyvinyl Chloride | 6 | 53.57 | 0.06 | Lateral |
| SWR_LTR_13825 | Polyvinyl Chloride | 6 | 52.22 | 0.06 | Lateral |
| SWR_LTR_13826 | Polyvinyl Chloride | 6 | 51.97 | 0.06 | Lateral |
| SWR_LTR_13827 | Polyvinyl Chloride | 6 | 56.52 | 0.06 | Lateral |
| SWR_LTR_13828 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_13829 | Polyvinyl Chloride | 6 | 13.67 | 0.02 | Lateral |
| SWR_LTR_13830 | Polyvinyl Chloride | 6 | 14.16 | 0.02 | Lateral |
| SWR_LTR_13831 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_13832 | Polyvinyl Chloride | 6 | 18.66 | 0.02 | Lateral |
| SWR_LTR_13833 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_13834 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_13835 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_13836 | Polyvinyl Chloride | 6 | 16.65 | 0.02 | Lateral |
| SWR_LTR_13837 | Polyvinyl Chloride | 6 | 19.10 | 0.02 | Lateral |
| SWR_LTR_13838 | Polyvinyl Chloride | 6 | 47.20 | 0.05 | Lateral |
| SWR_LTR_13839 | Polyvinyl Chloride | 6 | 49.68 | 0.06 | Lateral |
| SWR_LTR_13840 | Polyvinyl Chloride | 6 | 49.20 | 0.06 | Lateral |
| SWR_LTR_13841 | Polyvinyl Chloride | 6 | 51.21 | 0.06 | Lateral |
| SWR_LTR_13842 | Polyvinyl Chloride | 6 | 54.21 | 0.06 | Lateral |
| SWR_LTR_13936 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_13937 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_13938 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13952 | Polyvinyl Chloride | 6 | 54.23 | 0.06 | Lateral |
| SWR_LTR_13953 | Polyvinyl Chloride | 6 | 54.21 | 0.06 | Lateral |
| SWR_LTR_13954 | Polyvinyl Chloride | 6 | 54.22 | 0.06 | Lateral |
| SWR_LTR_13955 | Polyvinyl Chloride | 6 | 54.21 | 0.06 | Lateral |
| SWR_LTR_13956 | Polyvinyl Chloride | 6 | 54.21 | 0.06 | Lateral |
| SWR_LTR_13957 | Polyvinyl Chloride | 6 | 27.09 | 0.03 | Lateral |
| SWR_LTR_13958 | Polyvinyl Chloride | 6 | 53.18 | 0.06 | Lateral |
| SWR_LTR_13959 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_13960 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_13961 | Polyvinyl Chloride | 6 | 38.99 | 0.04 | Lateral |
| SWR_LTR_13962 | Polyvinyl Chloride | 6 | 22.50 | 0.03 | Lateral |
| SWR_LTR_13963 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13964 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_13965 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13966 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_13967 | Polyvinyl Chloride | 6 | 20.16 | 0.02 | Lateral |
| SWR_LTR_13968 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_13969 | Polyvinyl Chloride | 6 | 46.07 | 0.05 | Lateral |
| SWR_LTR_13970 | Polyvinyl Chloride | 6 | 44.28 | 0.05 | Lateral |
| SWR_LTR_13971 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_13972 | Polyvinyl Chloride | 6 | 50.06 | 0.06 | Lateral |
| SWR_LTR_13973 | Polyvinyl Chloride | 6 | 48.72 | 0.06 | Lateral |
| SWR_LTR_13974 | Polyvinyl Chloride | 6 | 48.69 | 0.06 | Lateral |
| SWR_LTR_13975 | Polyvinyl Chloride | 6 | 46.78 | 0.05 | Lateral |
| SWR_LTR_13976 | Polyvinyl Chloride | 6 | 42.25 | 0.05 | Lateral |
| SWR_LTR_13977 | Polyvinyl Chloride | 6 | 16.13 | 0.02 | Lateral |
| SWR_LTR_14308 | Polyvinyl Chloride | 6 | 57.60 | 0.07 | Lateral |
| SWR_LTR_14309 | Polyvinyl Chloride | 6 | 57.18 | 0.06 | Lateral |
| SWR_LTR_14310 | Polyvinyl Chloride | 6 | 56.23 | 0.06 | Lateral |
| SWR_LTR_14311 | Polyvinyl Chloride | 6 | 25.95 | 0.03 | Lateral |
| SWR_LTR_14312 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14313 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_14314 | Polyvinyl Chloride | 6 | 48.81 | 0.06 | Lateral |
| SWR_LTR_14315 | Polyvinyl Chloride | 6 | 31.61 | 0.04 | Lateral |
| SWR_LTR_14316 | Polyvinyl Chloride | 6 | 24.64 | 0.03 | Lateral |
| SWR_LTR_14516 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_14517 | Polyvinyl Chloride | 6 | 20.27 | 0.02 | Lateral |
| SWR_LTR_14518 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_14519 | Polyvinyl Chloride | 6 | 24.18 | 0.03 | Lateral |
| SWR_LTR_14520 | Polyvinyl Chloride | 6 | 60.25 | 0.07 | Lateral |
| SWR_LTR_14521 | Polyvinyl Chloride | 6 | 55.21 | 0.06 | Lateral |
| SWR_LTR_14522 | Polyvinyl Chloride | 6 | 89.15 | 0.10 | Lateral |
| SWR_LTR_14523 | Polyvinyl Chloride | 6 | 53.21 | 0.06 | Lateral |
| SWR_LTR_14524 | Polyvinyl Chloride | 6 | 53.21 | 0.06 | Lateral |
| SWR_LTR_14525 | Polyvinyl Chloride | 6 | 53.20 | 0.06 | Lateral |
| SWR_LTR_14526 | Polyvinyl Chloride | 6 | 22.22 | 0.03 | Lateral |
| SWR_LTR_14527 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_14528 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_14529 | Polyvinyl Chloride | 6 | 56.17 | 0.06 | Lateral |
| SWR_LTR_14566 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14567 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14643 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_14644 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_14645 | Polyvinyl Chloride | 6 | 53.23 | 0.06 | Lateral |
| SWR_LTR_14646 | Polyvinyl Chloride | 6 | 53.18 | 0.06 | Lateral |
| SWR_LTR_14647 | Polyvinyl Chloride | 6 | 58.18 | 0.07 | Lateral |
| SWR_LTR_14648 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_14649 | Polyvinyl Chloride | 6 | 20.61 | 0.02 | Lateral |
| SWR_LTR_14650 | Polyvinyl Chloride | 6 | 20.93 | 0.02 | Lateral |
| SWR_LTR_14651 | Polyvinyl Chloride | 6 | 28.45 | 0.03 | Lateral |
| SWR_LTR_14652 | Polyvinyl Chloride | 6 | 59.79 | 0.07 | Lateral |
| SWR_LTR_14653 | Polyvinyl Chloride | 6 | 59.05 | 0.07 | Lateral |
| SWR_LTR_14654 | Polyvinyl Chloride | 6 | 39.47 | 0.04 | Lateral |
| SWR_LTR_14655 | Polyvinyl Chloride | 6 | 25.64 | 0.03 | Lateral |
| SWR_LTR_14656 | Polyvinyl Chloride | 6 | 34.69 | 0.04 | Lateral |
| SWR_LTR_14657 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_14658 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_14659 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_14660 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_14661 | Polyvinyl Chloride | 6 | 17.17 | 0.02 | Lateral |
| SWR_LTR_14662 | Polyvinyl Chloride | 6 | 4.84 | 0.01 | Lateral |
| SWR_LTR_14663 | Polyvinyl Chloride | 6 | 4.82 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14664 | Polyvinyl Chloride | 6 | 4.80 | 0.01 | Lateral |
| SWR_LTR_14665 | Polyvinyl Chloride | 6 | 4.81 | 0.01 | Lateral |
| SWR_LTR_14666 | Polyvinyl Chloride | 6 | 7.75 | 0.01 | Lateral |
| SWR_LTR_14667 | Polyvinyl Chloride | 6 | 3.36 | 0.004 | Lateral |
| SWR_LTR_14952 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_14953 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_14957 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_14958 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_14959 | Polyvinyl Chloride | 6 | 18.16 | 0.02 | Lateral |
| SWR_LTR_14960 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14961 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_14962 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_14963 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_14964 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_14965 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_14966 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14967 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14968 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14969 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_14970 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_14971 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_14972 | Polyvinyl Chloride | 6 | 49.23 | 0.06 | Lateral |
| SWR_LTR_14973 | Polyvinyl Chloride | 6 | 49.22 | 0.06 | Lateral |
| SWR_LTR_14974 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_15026 | Polyvinyl Chloride | 6 | 51.20 | 0.06 | Lateral |
| SWR_LTR_15027 | Polyvinyl Chloride | 6 | 49.28 | 0.06 | Lateral |
| SWR_LTR_15028 | Polyvinyl Chloride | 6 | 50.17 | 0.06 | Lateral |
| SWR_LTR_15029 | Polyvinyl Chloride | 6 | 54.94 | 0.06 | Lateral |
| SWR_LTR_15030 | Polyvinyl Chloride | 6 | 23.91 | 0.03 | Lateral |
| SWR_LTR_15031 | Polyvinyl Chloride | 6 | 23.64 | 0.03 | Lateral |
| SWR_LTR_15032 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15033 | Polyvinyl Chloride | 6 | 25.27 | 0.03 | Lateral |
| SWR_LTR_15034 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |
| SWR_LTR_15035 | Polyvinyl Chloride | 6 | 21.13 | 0.02 | Lateral |
| SWR_LTR_15036 | Polyvinyl Chloride | 6 | 6.34 | 0.01 | Lateral |
| SWR_LTR_15037 | Polyvinyl Chloride | 6 | 7.18 | 0.01 | Lateral |
| SWR_LTR_15038 | Polyvinyl Chloride | 6 | 53.98 | 0.06 | Lateral |
| SWR_LTR_15039 | Polyvinyl Chloride | 6 | 9.84 | 0.01 | Lateral |
| SWR_LTR_15040 | Polyvinyl Chloride | 6 | 11.42 | 0.01 | Lateral |
| SWR_LTR_15041 | Polyvinyl Chloride | 6 | 12.04 | 0.01 | Lateral |
| SWR_LTR_15042 | Polyvinyl Chloride | 6 | 12.56 | 0.01 | Lateral |
| SWR_LTR_15043 | Polyvinyl Chloride | 6 | 11.70 | 0.01 | Lateral |
| SWR_LTR_15044 | Polyvinyl Chloride | 6 | 16.16 | 0.02 | Lateral |
| SWR_LTR_15045 | Polyvinyl Chloride | 6 | 26.97 | 0.03 | Lateral |
| SWR_LTR_15046 | Polyvinyl Chloride | 6 | 46.37 | 0.05 | Lateral |
| SWR_LTR_15047 | Polyvinyl Chloride | 6 | 30.73 | 0.03 | Lateral |
| SWR_LTR_15048 | Polyvinyl Chloride | 6 | 25.42 | 0.03 | Lateral |
| SWR_LTR_15049 | Polyvinyl Chloride | 6 | 66.61 | 0.08 | Lateral |
| SWR_LTR_15050 | Polyvinyl Chloride | 6 | 20.90 | 0.02 | Lateral |
| SWR_LTR_15051 | Polyvinyl Chloride | 6 | 16.77 | 0.02 | Lateral |
| SWR_LTR_15052 | Polyvinyl Chloride | 6 | 22.26 | 0.03 | Lateral |
| SWR_LTR_15054 | Polyvinyl Chloride | 6 | 11.41 | 0.01 | Lateral |
| SWR_LTR_15055 | Polyvinyl Chloride | 6 | 8.74 | 0.01 | Lateral |
| SWR_LTR_15081 | Polyvinyl Chloride | 6 | 49.24 | 0.06 | Lateral |
| SWR_LTR_15082 | Polyvinyl Chloride | 6 | 28.20 | 0.03 | Lateral |
| SWR_LTR_15083 | Polyvinyl Chloride | 6 | 31.84 | 0.04 | Lateral |
| SWR_LTR_15084 | Polyvinyl Chloride | 6 | 67.09 | 0.08 | Lateral |
| SWR_LTR_15085 | Polyvinyl Chloride | 6 | 65.31 | 0.07 | Lateral |
| SWR_LTR_15086 | Polyvinyl Chloride | 6 | 65.38 | 0.07 | Lateral |
| SWR_LTR_15087 | Polyvinyl Chloride | 6 | 65.33 | 0.07 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15088 | Polyvinyl Chloride | 6 | 50.54 | 0.06 | Lateral |
| SWR_LTR_15089 | Polyvinyl Chloride | 6 | 46.78 | 0.05 | Lateral |
| SWR_LTR_15090 | Polyvinyl Chloride | 6 | 45.18 | 0.05 | Lateral |
| SWR_LTR_15091 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_15092 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15093 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15094 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15095 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_15096 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_15097 | Polyvinyl Chloride | 6 | 18.14 | 0.02 | Lateral |
| SWR_LTR_15098 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_15099 | Polyvinyl Chloride | 6 | 48.21 | 0.05 | Lateral |
| SWR_LTR_15100 | Polyvinyl Chloride | 6 | 48.24 | 0.05 | Lateral |
| SWR_LTR_15101 | Polyvinyl Chloride | 6 | 49.14 | 0.06 | Lateral |
| SWR_LTR_15102 | Polyvinyl Chloride | 6 | 47.25 | 0.05 | Lateral |
| SWR_LTR_15103 | Polyvinyl Chloride | 6 | 46.31 | 0.05 | Lateral |
| SWR_LTR_15104 | Polyvinyl Chloride | 6 | 41.66 | 0.05 | Lateral |
| SWR_LTR_15105 | Polyvinyl Chloride | 6 | 43.74 | 0.05 | Lateral |
| SWR_LTR_15232 | Polyvinyl Chloride | 6 | 51.69 | 0.06 | Lateral |
| SWR_LTR_15247 | Polyvinyl Chloride | 6 | 16.60 | 0.02 | Lateral |
| SWR_LTR_15248 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |
| SWR_LTR_15249 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_15250 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_15251 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_15252 | Polyvinyl Chloride | 6 | 47.25 | 0.05 | Lateral |
| SWR_LTR_15253 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_15254 | Polyvinyl Chloride | 6 | 48.24 | 0.05 | Lateral |
| SWR_LTR_15263 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_15264 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_15265 | Polyvinyl Chloride | 6 | 31.38 | 0.04 | Lateral |
| SWR_LTR_15266 | Polyvinyl Chloride | 6 | 22.85 | 0.03 | Lateral |
| SWR_LTR_15281 | Polyvinyl Chloride | 6 | 21.82 | 0.02 | Lateral |
| SWR_LTR_15282 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_15283 | Polyvinyl Chloride | 6 | 19.29 | 0.02 | Lateral |
| SWR_LTR_15284 | Polyvinyl Chloride | 6 | 21.78 | 0.02 | Lateral |
| SWR_LTR_15285 | Polyvinyl Chloride | 6 | 31.55 | 0.04 | Lateral |
| SWR_LTR_15286 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_15287 | Polyvinyl Chloride | 6 | 19.95 | 0.02 | Lateral |
| SWR_LTR_15288 | Polyvinyl Chloride | 6 | 27.15 | 0.03 | Lateral |
| SWR_LTR_15289 | Polyvinyl Chloride | 6 | 32.25 | 0.04 | Lateral |
| SWR_LTR_15290 | Polyvinyl Chloride | 6 | 30.90 | 0.04 | Lateral |
| SWR_LTR_15291 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15292 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_15293 | Polyvinyl Chloride | 6 | 17.25 | 0.02 | Lateral |
| SWR_LTR_15294 | Polyvinyl Chloride | 6 | 17.28 | 0.02 | Lateral |
| SWR_LTR_15295 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15296 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_15297 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_15298 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_15299 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_15300 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_15301 | Polyvinyl Chloride | 6 | 50.85 | 0.06 | Lateral |
| SWR_LTR_15302 | Polyvinyl Chloride | 6 | 46.21 | 0.05 | Lateral |
| SWR_LTR_15303 | Polyvinyl Chloride | 6 | 46.24 | 0.05 | Lateral |
| SWR_LTR_15304 | Polyvinyl Chloride | 6 | 46.23 | 0.05 | Lateral |
| SWR_LTR_15305 | Polyvinyl Chloride | 6 | 44.22 | 0.05 | Lateral |
| SWR_LTR_15451 | Polyvinyl Chloride | 6 | 8.64 | 0.01 | Lateral |
| SWR_LTR_15452 | Polyvinyl Chloride | 6 | 8.59 | 0.01 | Lateral |
| SWR_LTR_15453 | Polyvinyl Chloride | 6 | 3.51 | 0.004 | Lateral |
| SWR_LTR_15454 | Polyvinyl Chloride | 6 | 3.55 | 0.004 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15455 | Polyvinyl Chloride | 6 | 3.47 | 0.004 | Lateral |
| SWR_LTR_15456 | Polyvinyl Chloride | 6 | 3.55 | 0.004 | Lateral |
| SWR_LTR_15457 | Polyvinyl Chloride | 6 | 3.56 | 0.004 | Lateral |
| SWR_LTR_15458 | Polyvinyl Chloride | 6 | 3.54 | 0.004 | Lateral |
| SWR_LTR_15459 | Polyvinyl Chloride | 6 | 19.17 | 0.02 | Lateral |
| SWR_LTR_15460 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_15461 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_15462 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_15463 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_15464 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_15465 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_15466 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_15467 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_15468 | Polyvinyl Chloride | 6 | 63.18 | 0.07 | Lateral |
| SWR_LTR_15469 | Polyvinyl Chloride | 6 | 72.42 | 0.08 | Lateral |
| SWR_LTR_15470 | Polyvinyl Chloride | 6 | 70.19 | 0.08 | Lateral |
| SWR_LTR_15471 | Polyvinyl Chloride | 6 | 67.13 | 0.08 | Lateral |
| SWR_LTR_15472 | Polyvinyl Chloride | 6 | 23.51 | 0.03 | Lateral |
| SWR_LTR_15473 | Polyvinyl Chloride | 6 | 24.40 | 0.03 | Lateral |
| SWR_LTR_15474 | Polyvinyl Chloride | 6 | 22.51 | 0.03 | Lateral |
| SWR_LTR_15618 | Polyvinyl Chloride | 6 | 42.58 | 0.05 | Lateral |
| SWR_LTR_16183 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_16184 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_16185 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_16186 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_16187 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_16188 | Polyvinyl Chloride | 6 | 28.02 | 0.03 | Lateral |
| SWR_LTR_16189 | Polyvinyl Chloride | 6 | 27.66 | 0.03 | Lateral |
| SWR_LTR_16190 | Polyvinyl Chloride | 6 | 27.18 | 0.03 | Lateral |
| SWR_LTR_16191 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_16192 | Polyvinyl Chloride | 6 | 28.20 | 0.03 | Lateral |
| SWR_LTR_16193 | Polyvinyl Chloride | 6 | 28.18 | 0.03 | Lateral |
| SWR_LTR_16194 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_16195 | Polyvinyl Chloride | 6 | 26.11 | 0.03 | Lateral |
| SWR_LTR_16196 | Polyvinyl Chloride | 6 | 25.60 | 0.03 | Lateral |
| SWR_LTR_16197 | Polyvinyl Chloride | 6 | 26.79 | 0.03 | Lateral |
| SWR_LTR_16386 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_16387 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_16388 | Polyvinyl Chloride | 6 | 4.04 | 0.005 | Lateral |
| SWR_LTR_16389 | Polyvinyl Chloride | 6 | 4.05 | 0.005 | Lateral |
| SWR_LTR_16390 | Polyvinyl Chloride | 6 | 4.06 | 0.005 | Lateral |
| SWR_LTR_16391 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_16392 | Polyvinyl Chloride | 6 | 41.97 | 0.05 | Lateral |
| SWR_LTR_16393 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_16394 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_16395 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_16396 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_16397 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_16398 | Polyvinyl Chloride | 6 | 34.26 | 0.04 | Lateral |
| SWR_LTR_16399 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_16400 | Polyvinyl Chloride | 6 | 29.37 | 0.03 | Lateral |
| SWR_LTR_16401 | Polyvinyl Chloride | 6 | 33.98 | 0.04 | Lateral |
| SWR_LTR_16402 | Polyvinyl Chloride | 6 | 28.50 | 0.03 | Lateral |
| SWR_LTR_16403 | Polyvinyl Chloride | 6 | 31.48 | 0.04 | Lateral |
| SWR_LTR_16404 | Polyvinyl Chloride | 6 | 51.38 | 0.06 | Lateral |
| SWR_LTR_16405 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_16406 | Polyvinyl Chloride | 6 | 35.04 | 0.04 | Lateral |
| SWR_LTR_16407 | Polyvinyl Chloride | 6 | 34.82 | 0.04 | Lateral |
| SWR_LTR_16408 | Polyvinyl Chloride | 6 | 32.41 | 0.04 | Lateral |
| SWR_LTR_16409 | Polyvinyl Chloride | 6 | 32.31 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16410 | Polyvinyl Chloride | 6 | 30.72 | 0.03 | Lateral |
| SWR_LTR_16411 | Polyvinyl Chloride | 6 | 31.89 | 0.04 | Lateral |
| SWR_LTR_16412 | Polyvinyl Chloride | 6 | 57.32 | 0.07 | Lateral |
| SWR_LTR_16413 | Polyvinyl Chloride | 6 | 26.71 | 0.03 | Lateral |
| SWR_LTR_16414 | Polyvinyl Chloride | 6 | 58.59 | 0.07 | Lateral |
| SWR_LTR_16415 | Polyvinyl Chloride | 6 | 57.10 | 0.06 | Lateral |
| SWR_LTR_16416 | Polyvinyl Chloride | 6 | 6.93 | 0.01 | Lateral |
| SWR_LTR_16490 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_16491 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_16524 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_16525 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_16526 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_16527 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_16528 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_16529 | Polyvinyl Chloride | 6 | 19.23 | 0.02 | Lateral |
| SWR_LTR_16530 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_16531 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_16532 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_16533 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_16534 | Polyvinyl Chloride | 6 | 43.23 | 0.05 | Lateral |
| SWR_LTR_16535 | Polyvinyl Chloride | 6 | 46.12 | 0.05 | Lateral |
| SWR_LTR_16536 | Polyvinyl Chloride | 6 | 44.23 | 0.05 | Lateral |
| SWR_LTR_16537 | Polyvinyl Chloride | 6 | 49.22 | 0.06 | Lateral |
| SWR_LTR_16538 | Polyvinyl Chloride | 6 | 23.23 | 0.03 | Lateral |
| SWR_LTR_16539 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_16540 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_16543 | Polyvinyl Chloride | 6 | 28.17 | 0.03 | Lateral |
| SWR_LTR_16544 | Polyvinyl Chloride | 6 | 29.08 | 0.03 | Lateral |
| SWR_LTR_16545 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_16546 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_16547 | Polyvinyl Chloride | 6 | 23.14 | 0.03 | Lateral |
| SWR_LTR_16548 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_16549 | Polyvinyl Chloride | 6 | 26.46 | 0.03 | Lateral |
| SWR_LTR_16550 | Polyvinyl Chloride | 6 | 21.74 | 0.02 | Lateral |
| SWR_LTR_16551 | Polyvinyl Chloride | 6 | 10.98 | 0.01 | Lateral |
| SWR_LTR_16552 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_16553 | Polyvinyl Chloride | 6 | 19.22 | 0.02 | Lateral |
| SWR_LTR_16554 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_16555 | Polyvinyl Chloride | 6 | 22.19 | 0.03 | Lateral |
| SWR_LTR_16556 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_16557 | Polyvinyl Chloride | 6 | 19.25 | 0.02 | Lateral |
| SWR_LTR_16558 | Polyvinyl Chloride | 6 | 12.49 | 0.01 | Lateral |
| SWR_LTR_16559 | Polyvinyl Chloride | 6 | 11.10 | 0.01 | Lateral |
| SWR_LTR_16560 | Polyvinyl Chloride | 6 | 13.30 | 0.02 | Lateral |
| SWR_LTR_16561 | Polyvinyl Chloride | 6 | 11.41 | 0.01 | Lateral |
| SWR_LTR_16562 | Polyvinyl Chloride | 6 | 11.72 | 0.01 | Lateral |
| SWR_LTR_16563 | Polyvinyl Chloride | 6 | 9.92 | 0.01 | Lateral |
| SWR_LTR_16564 | Polyvinyl Chloride | 6 | 39.73 | 0.05 | Lateral |
| SWR_LTR_16565 | Polyvinyl Chloride | 6 | 39.71 | 0.05 | Lateral |
| SWR_LTR_16566 | Polyvinyl Chloride | 6 | 38.72 | 0.04 | Lateral |
| SWR_LTR_16567 | Polyvinyl Chloride | 6 | 40.71 | 0.05 | Lateral |
| SWR_LTR_16568 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_16569 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_16570 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_16571 | Polyvinyl Chloride | 6 | 29.93 | 0.03 | Lateral |
| SWR_LTR_16572 | Polyvinyl Chloride | 6 | 30.11 | 0.03 | Lateral |
| SWR_LTR_16573 | Polyvinyl Chloride | 6 | 29.53 | 0.03 | Lateral |
| SWR_LTR_16574 | Polyvinyl Chloride | 6 | 27.99 | 0.03 | Lateral |
| SWR_LTR_16575 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_16576 | Polyvinyl Chloride | 6 | 25.31 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16577 | Polyvinyl Chloride | 6 | 28.50 | 0.03 | Lateral |
| SWR_LTR_16578 | Polyvinyl Chloride | 6 | 31.13 | 0.04 | Lateral |
| SWR_LTR_16579 | Polyvinyl Chloride | 6 | 29.31 | 0.03 | Lateral |
| SWR_LTR_16580 | Polyvinyl Chloride | 6 | 30.43 | 0.03 | Lateral |
| SWR_LTR_16581 | Polyvinyl Chloride | 6 | 30.70 | 0.03 | Lateral |
| SWR_LTR_16582 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_16583 | Polyvinyl Chloride | 6 | 32.16 | 0.04 | Lateral |
| SWR_LTR_16584 | Polyvinyl Chloride | 6 | 27.20 | 0.03 | Lateral |
| SWR_LTR_16585 | Polyvinyl Chloride | 6 | 27.17 | 0.03 | Lateral |
| SWR_LTR_16586 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_16587 | Polyvinyl Chloride | 6 | 25.16 | 0.03 | Lateral |
| SWR_LTR_16588 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_16589 | Polyvinyl Chloride | 6 | 25.82 | 0.03 | Lateral |
| SWR_LTR_16590 | Polyvinyl Chloride | 6 | 49.65 | 0.06 | Lateral |
| SWR_LTR_16591 | Polyvinyl Chloride | 6 | 46.19 | 0.05 | Lateral |
| SWR_LTR_16593 | Polyvinyl Chloride | 6 | 52.15 | 0.06 | Lateral |
| SWR_LTR_16594 | Polyvinyl Chloride | 6 | 66.21 | 0.08 | Lateral |
| SWR_LTR_16595 | Polyvinyl Chloride | 6 | 67.23 | 0.08 | Lateral |
| SWR_LTR_16596 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_16597 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16598 | Polyvinyl Chloride | 6 | 10.57 | 0.01 | Lateral |
| SWR_LTR_16599 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16600 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16601 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_16602 | Polyvinyl Chloride | 6 | 38.08 | 0.04 | Lateral |
| SWR_LTR_16603 | Polyvinyl Chloride | 6 | 41.51 | 0.05 | Lateral |
| SWR_LTR_16604 | Polyvinyl Chloride | 6 | 24.64 | 0.03 | Lateral |
| SWR_LTR_16605 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_16606 | Polyvinyl Chloride | 6 | 28.20 | 0.03 | Lateral |
| SWR_LTR_16607 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_16608 | Polyvinyl Chloride | 6 | 21.09 | 0.02 | Lateral |
| SWR_LTR_16609 | Polyvinyl Chloride | 6 | 50.09 | 0.06 | Lateral |
| SWR_LTR_16610 | Polyvinyl Chloride | 6 | 51.20 | 0.06 | Lateral |
| SWR_LTR_16611 | Polyvinyl Chloride | 6 | 67.80 | 0.08 | Lateral |
| SWR_LTR_16612 | Polyvinyl Chloride | 6 | 70.50 | 0.08 | Lateral |
| SWR_LTR_16613 | Polyvinyl Chloride | 6 | 3.33 | 0.004 | Lateral |
| SWR_LTR_16614 | Polyvinyl Chloride | 6 | 3.30 | 0.004 | Lateral |
| SWR_LTR_16615 | Polyvinyl Chloride | 6 | 3.36 | 0.004 | Lateral |
| SWR_LTR_16616 | Polyvinyl Chloride | 6 | 4.98 | 0.01 | Lateral |
| SWR_LTR_16617 | Polyvinyl Chloride | 6 | 4.98 | 0.01 | Lateral |
| SWR_LTR_16618 | Polyvinyl Chloride | 6 | 5.01 | 0.01 | Lateral |
| SWR_LTR_16619 | Polyvinyl Chloride | 6 | 4.07 | 0.005 | Lateral |
| SWR_LTR_16865 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_16866 | Polyvinyl Chloride | 6 | 23.00 | 0.03 | Lateral |
| SWR_LTR_16867 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_16868 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_16869 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_16870 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_16871 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_16872 | Polyvinyl Chloride | 6 | 23.17 | 0.03 | Lateral |
| SWR_LTR_16873 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_16874 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_2129 | Polyvinyl Chloride | 6 | 35.98 | 0.04 | Lateral |
| SWR_LTR_2328 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_2329 | Polyvinyl Chloride | 6 | 24.17 | 0.03 | Lateral |
| SWR_LTR_2333 | Polyvinyl Chloride | 6 | 18.56 | 0.02 | Lateral |
| SWR_LTR_2347 | Polyvinyl Chloride | 6 | 37.98 | 0.04 | Lateral |
| SWR_LTR_2350 | Polyvinyl Chloride | 6 | 28.98 | 0.03 | Lateral |
| SWR_LTR_2355 | Polyvinyl Chloride | 6 | 26.03 | 0.03 | Lateral |
| SWR_LTR_2356 | Polyvinyl Chloride | 6 | 62.01 | 0.07 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2405 | Polyvinyl Chloride | 6 | 23.46 | 0.03 | Lateral |
| SWR_LTR_2624 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_2627 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_2630 | Polyvinyl Chloride | 6 | 61.67 | 0.07 | Lateral |
| SWR_LTR_2632 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_2637 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_2641 | Polyvinyl Chloride | 6 | 45.26 | 0.05 | Lateral |
| SWR_LTR_2644 | Polyvinyl Chloride | 6 | 51.21 | 0.06 | Lateral |
| SWR_LTR_2646 | Polyvinyl Chloride | 6 | 53.19 | 0.06 | Lateral |
| SWR_LTR_2648 | Polyvinyl Chloride | 6 | 60.20 | 0.07 | Lateral |
| SWR_LTR_2650 | Polyvinyl Chloride | 6 | 60.26 | 0.07 | Lateral |
| SWR_LTR_2652 | Polyvinyl Chloride | 6 | 21.24 | 0.02 | Lateral |
| SWR_LTR_2654 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_2656 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_2659 | Polyvinyl Chloride | 6 | 10.16 | 0.01 | Lateral |
| SWR_LTR_2662 | Polyvinyl Chloride | 6 | 10.16 | 0.01 | Lateral |
| SWR_LTR_2671 | Polyvinyl Chloride | 6 | 53.19 | 0.06 | Lateral |
| SWR_LTR_2675 | Polyvinyl Chloride | 6 | 53.21 | 0.06 | Lateral |
| SWR_LTR_2678 | Polyvinyl Chloride | 6 | 53.27 | 0.06 | Lateral |
| SWR_LTR_2681 | Polyvinyl Chloride | 6 | 55.21 | 0.06 | Lateral |
| SWR_LTR_2684 | Polyvinyl Chloride | 6 | 55.22 | 0.06 | Lateral |
| SWR_LTR_2687 | Polyvinyl Chloride | 6 | 55.23 | 0.06 | Lateral |
| SWR_LTR_2689 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_2690 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_2693 | Polyvinyl Chloride | 6 | 10.12 | 0.01 | Lateral |
| SWR_LTR_2698 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_2702 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_2705 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_2708 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_2710 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_2713 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_2716 | Polyvinyl Chloride | 6 | 40.70 | 0.05 | Lateral |
| SWR_LTR_2719 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_2722 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_2725 | Polyvinyl Chloride | 6 | 24.17 | 0.03 | Lateral |
| SWR_LTR_2728 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_2732 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_3127 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_3130 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_3132 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_3134 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_3136 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_3139 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_3143 | Polyvinyl Chloride | 6 | 18.10 | 0.02 | Lateral |
| SWR_LTR_3150 | Polyvinyl Chloride | 6 | 18.30 | 0.02 | Lateral |
| SWR_LTR_3153 | Polyvinyl Chloride | 6 | 12.53 | 0.01 | Lateral |
| SWR_LTR_3156 | Polyvinyl Chloride | 6 | 13.41 | 0.02 | Lateral |
| SWR_LTR_3159 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_3161 | Polyvinyl Chloride | 6 | 13.01 | 0.01 | Lateral |
| SWR_LTR_3163 | Polyvinyl Chloride | 6 | 12.68 | 0.01 | Lateral |
| SWR_LTR_3165 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_3167 | Polyvinyl Chloride | 6 | 12.98 | 0.01 | Lateral |
| SWR_LTR_3169 | Polyvinyl Chloride | 6 | 29.56 | 0.03 | Lateral |
| SWR_LTR_3171 | Polyvinyl Chloride | 6 | 26.64 | 0.03 | Lateral |
| SWR_LTR_3174 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_3177 | Polyvinyl Chloride | 6 | 28.19 | 0.03 | Lateral |
| SWR_LTR_3180 | Polyvinyl Chloride | 6 | 24.55 | 0.03 | Lateral |
| SWR_LTR_3183 | Polyvinyl Chloride | 6 | 24.53 | 0.03 | Lateral |
| SWR_LTR_3186 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_3188 | Polyvinyl Chloride | 6 | 24.57 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_3189 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_3191 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_3192 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_3193 | Polyvinyl Chloride | 6 | 50.18 | 0.06 | Lateral |
| SWR_LTR_3194 | Polyvinyl Chloride | 6 | 53.21 | 0.06 | Lateral |
| SWR_LTR_3196 | Polyvinyl Chloride | 6 | 54.23 | 0.06 | Lateral |
| SWR_LTR_3197 | Polyvinyl Chloride | 6 | 54.71 | 0.06 | Lateral |
| SWR_LTR_3198 | Polyvinyl Chloride | 6 | 55.63 | 0.06 | Lateral |
| SWR_LTR_3200 | Polyvinyl Chloride | 6 | 53.19 | 0.06 | Lateral |
| SWR_LTR_3203 | Polyvinyl Chloride | 6 | 55.73 | 0.06 | Lateral |
| SWR_LTR_3205 | Polyvinyl Chloride | 6 | 56.21 | 0.06 | Lateral |
| SWR_LTR_3207 | Polyvinyl Chloride | 6 | 56.22 | 0.06 | Lateral |
| SWR_LTR_3209 | Polyvinyl Chloride | 6 | 52.23 | 0.06 | Lateral |
| SWR_LTR_3211 | Polyvinyl Chloride | 6 | 50.17 | 0.06 | Lateral |
| SWR_LTR_3212 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_3213 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_3215 | Polyvinyl Chloride | 6 | 23.15 | 0.03 | Lateral |
| SWR_LTR_3217 | Polyvinyl Chloride | 6 | 23.18 | 0.03 | Lateral |
| SWR_LTR_3219 | Polyvinyl Chloride | 6 | 26.68 | 0.03 | Lateral |
| SWR_LTR_3221 | Polyvinyl Chloride | 6 | 30.54 | 0.03 | Lateral |
| SWR_LTR_3224 | Polyvinyl Chloride | 6 | 33.17 | 0.04 | Lateral |
| SWR_LTR_3226 | Polyvinyl Chloride | 6 | 31.59 | 0.04 | Lateral |
| SWR_LTR_3228 | Polyvinyl Chloride | 6 | 33.24 | 0.04 | Lateral |
| SWR_LTR_3230 | Polyvinyl Chloride | 6 | 54.61 | 0.06 | Lateral |
| SWR_LTR_3232 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_3234 | Polyvinyl Chloride | 6 | 50.19 | 0.06 | Lateral |
| SWR_LTR_3236 | Polyvinyl Chloride | 6 | 47.65 | 0.05 | Lateral |
| SWR_LTR_3238 | Polyvinyl Chloride | 6 | 51.63 | 0.06 | Lateral |
| SWR_LTR_324 | Polyvinyl Chloride | 6 | 33.01 | 0.04 | Lateral |
| SWR_LTR_3240 | Polyvinyl Chloride | 6 | 52.67 | 0.06 | Lateral |
| SWR_LTR_3243 | Polyvinyl Chloride | 6 | 25.07 | 0.03 | Lateral |
| SWR_LTR_3246 | Polyvinyl Chloride | 6 | 30.66 | 0.03 | Lateral |
| SWR_LTR_3250 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_3253 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_3257 | Polyvinyl Chloride | 6 | 31.01 | 0.04 | Lateral |
| SWR_LTR_3260 | Polyvinyl Chloride | 6 | 57.19 | 0.06 | Lateral |
| SWR_LTR_3263 | Polyvinyl Chloride | 6 | 53.24 | 0.06 | Lateral |
| SWR_LTR_3266 | Polyvinyl Chloride | 6 | 51.75 | 0.06 | Lateral |
| SWR_LTR_3269 | Polyvinyl Chloride | 6 | 52.23 | 0.06 | Lateral |
| SWR_LTR_3480 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_3484 | Polyvinyl Chloride | 6 | 24.08 | 0.03 | Lateral |
| SWR_LTR_3489 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_3492 | Polyvinyl Chloride | 6 | 15.79 | 0.02 | Lateral |
| SWR_LTR_3495 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_3498 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |
| SWR_LTR_3501 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_3504 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_3507 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_3510 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_3513 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_3515 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_3518 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_3521 | Polyvinyl Chloride | 6 | 19.56 | 0.02 | Lateral |
| SWR_LTR_3525 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_3528 | Polyvinyl Chloride | 6 | 18.16 | 0.02 | Lateral |
| SWR_LTR_3530 | Polyvinyl Chloride | 6 | 65.23 | 0.07 | Lateral |
| SWR_LTR_3642 | Polyvinyl Chloride | 6 | 36.51 | 0.04 | Lateral |
| SWR_LTR_3645 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_3648 | Polyvinyl Chloride | 6 | 42.28 | 0.05 | Lateral |
| SWR_LTR_3651 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_3653 | Polyvinyl Chloride | 6 | 42.31 | 0.05 | Lateral |
| SWR_LTR_3656 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_3658 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_3662 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_3665 | Polyvinyl Chloride | 6 | 38.24 | 0.04 | Lateral |
| SWR_LTR_3668 | Polyvinyl Chloride | 6 | 40.65 | 0.05 | Lateral |
| SWR_LTR_3671 | Polyvinyl Chloride | 6 | 44.22 | 0.05 | Lateral |
| SWR_LTR_3674 | Polyvinyl Chloride | 6 | 41.56 | 0.05 | Lateral |
| SWR_LTR_3677 | Polyvinyl Chloride | 6 | 44.23 | 0.05 | Lateral |
| SWR_LTR_3680 | Polyvinyl Chloride | 6 | 33.70 | 0.04 | Lateral |
| SWR_LTR_3777 | Polyvinyl Chloride | 6 | 15.34 | 0.02 | Lateral |
| SWR_LTR_3779 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_3781 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_3784 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_3786 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_3787 | Polyvinyl Chloride | 6 | 13.01 | 0.01 | Lateral |
| SWR_LTR_3920 | Polyvinyl Chloride | 6 | 54.18 | 0.06 | Lateral |
| SWR_LTR_3921 | Polyvinyl Chloride | 6 | 55.22 | 0.06 | Lateral |
| SWR_LTR_3922 | Polyvinyl Chloride | 6 | 56.21 | 0.06 | Lateral |
| SWR_LTR_3924 | Polyvinyl Chloride | 6 | 54.19 | 0.06 | Lateral |
| SWR_LTR_3926 | Polyvinyl Chloride | 6 | 49.20 | 0.06 | Lateral |
| SWR_LTR_3929 | Polyvinyl Chloride | 6 | 54.09 | 0.06 | Lateral |
| SWR_LTR_3932 | Polyvinyl Chloride | 6 | 12.59 | 0.01 | Lateral |
| SWR_LTR_3935 | Polyvinyl Chloride | 6 | 13.08 | 0.01 | Lateral |
| SWR_LTR_3937 | Polyvinyl Chloride | 6 | 12.64 | 0.01 | Lateral |
| SWR_LTR_3938 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_3939 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_3940 | Polyvinyl Chloride | 6 | 50.59 | 0.06 | Lateral |
| SWR_LTR_3942 | Polyvinyl Chloride | 6 | 54.72 | 0.06 | Lateral |
| SWR_LTR_3944 | Polyvinyl Chloride | 6 | 54.24 | 0.06 | Lateral |
| SWR_LTR_3946 | Polyvinyl Chloride | 6 | 54.19 | 0.06 | Lateral |
| SWR_LTR_3948 | Polyvinyl Chloride | 6 | 55.19 | 0.06 | Lateral |
| SWR_LTR_3951 | Polyvinyl Chloride | 6 | 53.18 | 0.06 | Lateral |
| SWR_LTR_3953 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_3955 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_3957 | Polyvinyl Chloride | 6 | 17.24 | 0.02 | Lateral |
| SWR_LTR_3959 | Polyvinyl Chloride | 6 | 19.62 | 0.02 | Lateral |
| SWR_LTR_3961 | Polyvinyl Chloride | 6 | 20.06 | 0.02 | Lateral |
| SWR_LTR_3964 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_3967 | Polyvinyl Chloride | 6 | 23.16 | 0.03 | Lateral |
| SWR_LTR_3970 | Polyvinyl Chloride | 6 | 23.23 | 0.03 | Lateral |
| SWR_LTR_3973 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_3976 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_3979 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_3985 | Polyvinyl Chloride | 6 | 52.09 | 0.06 | Lateral |
| SWR_LTR_3988 | Polyvinyl Chloride | 6 | 52.69 | 0.06 | Lateral |
| SWR_LTR_3991 | Polyvinyl Chloride | 6 | 54.19 | 0.06 | Lateral |
| SWR_LTR_3994 | Polyvinyl Chloride | 6 | 51.20 | 0.06 | Lateral |
| SWR_LTR_3999 | Polyvinyl Chloride | 6 | 50.69 | 0.06 | Lateral |
| SWR_LTR_4005 | Polyvinyl Chloride | 6 | 28.16 | 0.03 | Lateral |
| SWR_LTR_4008 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_4010 | Polyvinyl Chloride | 6 | 53.22 | 0.06 | Lateral |
| SWR_LTR_4013 | Polyvinyl Chloride | 6 | 54.17 | 0.06 | Lateral |
| SWR_LTR_4016 | Polyvinyl Chloride | 6 | 49.17 | 0.06 | Lateral |
| SWR_LTR_4018 | Polyvinyl Chloride | 6 | 21.74 | 0.02 | Lateral |
| SWR_LTR_4019 | Polyvinyl Chloride | 6 | 19.16 | 0.02 | Lateral |
| SWR_LTR_4021 | Polyvinyl Chloride | 6 | 20.13 | 0.02 | Lateral |
| SWR_LTR_4023 | Polyvinyl Chloride | 6 | 20.51 | 0.02 | Lateral |
| SWR_LTR_4025 | Polyvinyl Chloride | 6 | 23.00 | 0.03 | Lateral |
| SWR_LTR_4028 | Polyvinyl Chloride | 6 | 27.41 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4030 | Polyvinyl Chloride | 6 | 53.52 | 0.06 | Lateral |
| SWR_LTR_4032 | Polyvinyl Chloride | 6 | 54.50 | 0.06 | Lateral |
| SWR_LTR_4034 | Polyvinyl Chloride | 6 | 56.20 | 0.06 | Lateral |
| SWR_LTR_4037 | Polyvinyl Chloride | 6 | 57.37 | 0.07 | Lateral |
| SWR_LTR_4039 | Polyvinyl Chloride | 6 | 57.41 | 0.07 | Lateral |
| SWR_LTR_4042 | Polyvinyl Chloride | 6 | 56.53 | 0.06 | Lateral |
| SWR_LTR_4047 | Polyvinyl Chloride | 6 | 55.24 | 0.06 | Lateral |
| SWR_LTR_4050 | Polyvinyl Chloride | 6 | 29.90 | 0.03 | Lateral |
| SWR_LTR_4053 | Polyvinyl Chloride | 6 | 21.59 | 0.02 | Lateral |
| SWR_LTR_4055 | Polyvinyl Chloride | 6 | 22.00 | 0.03 | Lateral |
| SWR_LTR_4057 | Polyvinyl Chloride | 6 | 24.56 | 0.03 | Lateral |
| SWR_LTR_4059 | Polyvinyl Chloride | 6 | 25.52 | 0.03 | Lateral |
| SWR_LTR_4062 | Polyvinyl Chloride | 6 | 14.79 | 0.02 | Lateral |
| SWR_LTR_4064 | Polyvinyl Chloride | 6 | 34.17 | 0.04 | Lateral |
| SWR_LTR_4067 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_4071 | Polyvinyl Chloride | 6 | 34.30 | 0.04 | Lateral |
| SWR_LTR_4074 | Polyvinyl Chloride | 6 | 43.10 | 0.05 | Lateral |
| SWR_LTR_4077 | Polyvinyl Chloride | 6 | 38.87 | 0.04 | Lateral |
| SWR_LTR_4080 | Polyvinyl Chloride | 6 | 43.86 | 0.05 | Lateral |
| SWR_LTR_4083 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_4086 | Polyvinyl Chloride | 6 | 43.75 | 0.05 | Lateral |
| SWR_LTR_4089 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_4092 | Polyvinyl Chloride | 6 | 42.24 | 0.05 | Lateral |
| SWR_LTR_4095 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_4098 | Polyvinyl Chloride | 6 | 41.69 | 0.05 | Lateral |
| SWR_LTR_4101 | Polyvinyl Chloride | 6 | 36.89 | 0.04 | Lateral |
| SWR_LTR_4103 | Polyvinyl Chloride | 6 | 36.68 | 0.04 | Lateral |
| SWR_LTR_4105 | Polyvinyl Chloride | 6 | 31.07 | 0.04 | Lateral |
| SWR_LTR_4108 | Polyvinyl Chloride | 6 | 35.07 | 0.04 | Lateral |
| SWR_LTR_4110 | Polyvinyl Chloride | 6 | 51.22 | 0.06 | Lateral |
| SWR_LTR_4111 | Polyvinyl Chloride | 8 | 24.68 | 0.04 | Lateral |
| SWR_LTR_4112 | Polyvinyl Chloride | 6 | 55.09 | 0.06 | Lateral |
| SWR_LTR_4113 | Polyvinyl Chloride | 6 | 56.98 | 0.06 | Lateral |
| SWR_LTR_4114 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_4115 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_4116 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_4118 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_4120 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_4121 | Polyvinyl Chloride | 6 | 28.25 | 0.03 | Lateral |
| SWR_LTR_4141 | Polyvinyl Chloride | 6 | 34.00 | 0.04 | Lateral |
| SWR_LTR_4143 | Polyvinyl Chloride | 6 | 14.58 | 0.02 | Lateral |
| SWR_LTR_4145 | Polyvinyl Chloride | 6 | 18.38 | 0.02 | Lateral |
| SWR_LTR_4350 | Polyvinyl Chloride | 6 | 22.70 | 0.03 | Lateral |
| SWR_LTR_4356 | Polyvinyl Chloride | 6 | 22.45 | 0.03 | Lateral |
| SWR_LTR_4359 | Polyvinyl Chloride | 6 | 23.68 | 0.03 | Lateral |
| SWR_LTR_4362 | Polyvinyl Chloride | 6 | 25.55 | 0.03 | Lateral |
| SWR_LTR_4388 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_4390 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_4392 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_4395 | Polyvinyl Chloride | 6 | 62.00 | 0.07 | Lateral |
| SWR_LTR_4397 | Polyvinyl Chloride | 6 | 54.13 | 0.06 | Lateral |
| SWR_LTR_4516 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_4519 | Polyvinyl Chloride | 6 | 8.93 | 0.01 | Lateral |
| SWR_LTR_4521 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_4523 | Polyvinyl Chloride | 6 | 10.99 | 0.01 | Lateral |
| SWR_LTR_4525 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_4527 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_4529 | Polyvinyl Chloride | 6 | 16.38 | 0.02 | Lateral |
| SWR_LTR_4531 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_4532 | Polyvinyl Chloride | 6 | 16.66 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4534 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_4536 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_4538 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_4540 | Polyvinyl Chloride | 6 | 15.25 | 0.02 | Lateral |
| SWR_LTR_4545 | Polyvinyl Chloride | 6 | 10.16 | 0.01 | Lateral |
| SWR_LTR_4547 | Polyvinyl Chloride | 6 | 19.96 | 0.02 | Lateral |
| SWR_LTR_4710 | Polyvinyl Chloride | 6 | 6.76 | 0.01 | Lateral |
| SWR_LTR_4712 | Polyvinyl Chloride | 6 | 5.50 | 0.01 | Lateral |
| SWR_LTR_4714 | Polyvinyl Chloride | 6 | 5.45 | 0.01 | Lateral |
| SWR_LTR_4716 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_4718 | Polyvinyl Chloride | 6 | 5.49 | 0.01 | Lateral |
| SWR_LTR_4719 | Polyvinyl Chloride | 6 | 5.47 | 0.01 | Lateral |
| SWR_LTR_4720 | Polyvinyl Chloride | 6 | 4.57 | 0.01 | Lateral |
| SWR_LTR_4721 | Polyvinyl Chloride | 6 | 4.57 | 0.01 | Lateral |
| SWR_LTR_4722 | Polyvinyl Chloride | 6 | 5.53 | 0.01 | Lateral |
| SWR_LTR_4724 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_4725 | Polyvinyl Chloride | 6 | 6.18 | 0.01 | Lateral |
| SWR_LTR_4728 | Polyvinyl Chloride | 6 | 72.19 | 0.08 | Lateral |
| SWR_LTR_4730 | Polyvinyl Chloride | 6 | 72.19 | 0.08 | Lateral |
| SWR_LTR_4731 | Polyvinyl Chloride | 6 | 34.52 | 0.04 | Lateral |
| SWR_LTR_4732 | Polyvinyl Chloride | 6 | 41.16 | 0.05 | Lateral |
| SWR_LTR_4733 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_4734 | Polyvinyl Chloride | 6 | 17.99 | 0.02 | Lateral |
| SWR_LTR_4735 | Polyvinyl Chloride | 6 | 20.04 | 0.02 | Lateral |
| SWR_LTR_4736 | Polyvinyl Chloride | 6 | 23.18 | 0.03 | Lateral |
| SWR_LTR_4737 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_4738 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_4739 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_4740 | Polyvinyl Chloride | 6 | 18.42 | 0.02 | Lateral |
| SWR_LTR_4741 | Polyvinyl Chloride | 6 | 21.89 | 0.02 | Lateral |
| SWR_LTR_4742 | Polyvinyl Chloride | 6 | 21.82 | 0.02 | Lateral |
| SWR_LTR_4743 | Polyvinyl Chloride | 6 | 24.63 | 0.03 | Lateral |
| SWR_LTR_4977 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_4979 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_4981 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_4983 | Polyvinyl Chloride | 6 | 26.64 | 0.03 | Lateral |
| SWR_LTR_4985 | Polyvinyl Chloride | 6 | 31.51 | 0.04 | Lateral |
| SWR_LTR_4987 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_4989 | Polyvinyl Chloride | 6 | 36.17 | 0.04 | Lateral |
| SWR_LTR_4991 | Polyvinyl Chloride | 6 | 71.22 | 0.08 | Lateral |
| SWR_LTR_4993 | Polyvinyl Chloride | 6 | 48.25 | 0.05 | Lateral |
| SWR_LTR_4995 | Polyvinyl Chloride | 6 | 50.68 | 0.06 | Lateral |
| SWR_LTR_4997 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_4999 | Polyvinyl Chloride | 6 | 30.25 | 0.03 | Lateral |
| SWR_LTR_5001 | Polyvinyl Chloride | 6 | 29.22 | 0.03 | Lateral |
| SWR_LTR_5002 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_5004 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_5005 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_5008 | Polyvinyl Chloride | 6 | 23.23 | 0.03 | Lateral |
| SWR_LTR_5010 | Polyvinyl Chloride | 6 | 29.23 | 0.03 | Lateral |
| SWR_LTR_5012 | Polyvinyl Chloride | 6 | 24.18 | 0.03 | Lateral |
| SWR_LTR_5014 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_5016 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_5018 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_5020 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_5022 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_5024 | Polyvinyl Chloride | 6 | 8.16 | 0.01 | Lateral |
| SWR_LTR_5026 | Polyvinyl Chloride | 6 | 16.75 | 0.02 | Lateral |
| SWR_LTR_5027 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_5028 | Polyvinyl Chloride | 6 | 25.40 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5029 | Polyvinyl Chloride | 6 | 24.98 | 0.03 | Lateral |
| SWR_LTR_5031 | Polyvinyl Chloride | 6 | 28.24 | 0.03 | Lateral |
| SWR_LTR_5032 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_5034 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_5036 | Polyvinyl Chloride | 6 | 53.54 | 0.06 | Lateral |
| SWR_LTR_5038 | Polyvinyl Chloride | 6 | 18.01 | 0.02 | Lateral |
| SWR_LTR_5039 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_5040 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_5042 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_5043 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_5045 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_5046 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_5048 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_5078 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_5080 | Polyvinyl Chloride | 6 | 24.26 | 0.03 | Lateral |
| SWR_LTR_5082 | Polyvinyl Chloride | 6 | 26.24 | 0.03 | Lateral |
| SWR_LTR_5084 | Polyvinyl Chloride | 6 | 24.26 | 0.03 | Lateral |
| SWR_LTR_5086 | Polyvinyl Chloride | 6 | 22.22 | 0.03 | Lateral |
| SWR_LTR_5088 | Polyvinyl Chloride | 6 | 27.32 | 0.03 | Lateral |
| SWR_LTR_5090 | Polyvinyl Chloride | 6 | 33.79 | 0.04 | Lateral |
| SWR_LTR_5092 | Polyvinyl Chloride | 6 | 31.04 | 0.04 | Lateral |
| SWR_LTR_5094 | Polyvinyl Chloride | 6 | 26.98 | 0.03 | Lateral |
| SWR_LTR_5096 | Polyvinyl Chloride | 6 | 22.19 | 0.03 | Lateral |
| SWR_LTR_5098 | Polyvinyl Chloride | 6 | 10.71 | 0.01 | Lateral |
| SWR_LTR_5355 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_5357 | Polyvinyl Chloride | 6 | 28.01 | 0.03 | Lateral |
| SWR_LTR_5359 | Polyvinyl Chloride | 6 | 22.25 | 0.03 | Lateral |
| SWR_LTR_5361 | Polyvinyl Chloride | 6 | 24.21 | 0.03 | Lateral |
| SWR_LTR_5363 | Polyvinyl Chloride | 6 | 6.03 | 0.01 | Lateral |
| SWR_LTR_5365 | Polyvinyl Chloride | 6 | 6.06 | 0.01 | Lateral |
| SWR_LTR_5367 | Polyvinyl Chloride | 6 | 6.05 | 0.01 | Lateral |
| SWR_LTR_5369 | Polyvinyl Chloride | 6 | 6.09 | 0.01 | Lateral |
| SWR_LTR_5371 | Polyvinyl Chloride | 6 | 6.08 | 0.01 | Lateral |
| SWR_LTR_5373 | Polyvinyl Chloride | 6 | 8.10 | 0.01 | Lateral |
| SWR_LTR_5375 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_5377 | Polyvinyl Chloride | 6 | 8.11 | 0.01 | Lateral |
| SWR_LTR_5379 | Polyvinyl Chloride | 6 | 7.63 | 0.01 | Lateral |
| SWR_LTR_5381 | Polyvinyl Chloride | 6 | 10.39 | 0.01 | Lateral |
| SWR_LTR_5383 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_5387 | Polyvinyl Chloride | 6 | 9.91 | 0.01 | Lateral |
| SWR_LTR_5389 | Polyvinyl Chloride | 6 | 6.16 | 0.01 | Lateral |
| SWR_LTR_5391 | Polyvinyl Chloride | 3 | 51.92 | 0.03 | Lateral |
| SWR_LTR_5393 | Polyvinyl Chloride | 4 | 15.83 | 0.01 | Lateral |
| SWR_LTR_5395 | Polyvinyl Chloride | 6 | 4.05 | 0.005 | Lateral |
| SWR_LTR_5397 | Polyvinyl Chloride | 4 | 6.74 | 0.01 | Lateral |
| SWR_LTR_5399 | Polyvinyl Chloride | 6 | 4.02 | 0.005 | Lateral |
| SWR_LTR_5401 | Polyvinyl Chloride | 6 | 4.01 | 0.005 | Lateral |
| SWR_LTR_5403 | Polyvinyl Chloride | 6 | 5.86 | 0.01 | Lateral |
| SWR_LTR_5405 | Polyvinyl Chloride | 4 | 20.51 | 0.02 | Lateral |
| SWR_LTR_5407 | Polyvinyl Chloride | 4 | 30.99 | 0.02 | Lateral |
| SWR_LTR_5409 | Polyvinyl Chloride | 6 | 5.41 | 0.01 | Lateral |
| SWR_LTR_5411 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_5413 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_5415 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_5447 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_5448 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_5449 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_5450 | Polyvinyl Chloride | 6 | 49.17 | 0.06 | Lateral |
| SWR_LTR_5451 | Polyvinyl Chloride | 6 | 24.00 | 0.03 | Lateral |
| SWR_LTR_5452 | Polyvinyl Chloride | 6 | 24.63 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5453 | Polyvinyl Chloride | 6 | 28.57 | 0.03 | Lateral |
| SWR_LTR_5454 | Polyvinyl Chloride | 6 | 27.13 | 0.03 | Lateral |
| SWR_LTR_5455 | Polyvinyl Chloride | 6 | 27.22 | 0.03 | Lateral |
| SWR_LTR_5456 | Polyvinyl Chloride | 6 | 20.00 | 0.02 | Lateral |
| SWR_LTR_5457 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_5458 | Polyvinyl Chloride | 6 | 18.25 | 0.02 | Lateral |
| SWR_LTR_5460 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_5462 | Polyvinyl Chloride | 6 | 53.67 | 0.06 | Lateral |
| SWR_LTR_5464 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_5466 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_5468 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_5470 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_5472 | Polyvinyl Chloride | 6 | 17.24 | 0.02 | Lateral |
| SWR_LTR_5473 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_5474 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_5475 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_5476 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_5477 | Polyvinyl Chloride | 6 | 47.47 | 0.05 | Lateral |
| SWR_LTR_5478 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_5480 | Polyvinyl Chloride | 6 | 22.15 | 0.03 | Lateral |
| SWR_LTR_5482 | Polyvinyl Chloride | 6 | 22.15 | 0.03 | Lateral |
| SWR_LTR_5484 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_5486 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_5488 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_5490 | Polyvinyl Chloride | 6 | 22.16 | 0.03 | Lateral |
| SWR_LTR_5492 | Polyvinyl Chloride | 6 | 48.96 | 0.06 | Lateral |
| SWR_LTR_5494 | Polyvinyl Chloride | 6 | 48.25 | 0.05 | Lateral |
| SWR_LTR_5495 | Polyvinyl Chloride | 6 | 60.22 | 0.07 | Lateral |
| SWR_LTR_5497 | Polyvinyl Chloride | 6 | 48.26 | 0.05 | Lateral |
| SWR_LTR_5499 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_5501 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_5503 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_5505 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_5507 | Polyvinyl Chloride | 6 | 48.23 | 0.05 | Lateral |
| SWR_LTR_5510 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_5512 | Polyvinyl Chloride | 6 | 30.25 | 0.03 | Lateral |
| SWR_LTR_5514 | Polyvinyl Chloride | 6 | 24.18 | 0.03 | Lateral |
| SWR_LTR_5515 | Polyvinyl Chloride | 6 | 40.24 | 0.05 | Lateral |
| SWR_LTR_5516 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_5517 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_5518 | Polyvinyl Chloride | 6 | 11.55 | 0.01 | Lateral |
| SWR_LTR_5519 | Polyvinyl Chloride | 6 | 9.85 | 0.01 | Lateral |
| SWR_LTR_5520 | Polyvinyl Chloride | 6 | 12.03 | 0.01 | Lateral |
| SWR_LTR_5522 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_5524 | Polyvinyl Chloride | 6 | 22.41 | 0.03 | Lateral |
| SWR_LTR_5526 | Polyvinyl Chloride | 6 | 19.41 | 0.02 | Lateral |
| SWR_LTR_5528 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_5530 | Polyvinyl Chloride | 6 | 21.44 | 0.02 | Lateral |
| SWR_LTR_5532 | Polyvinyl Chloride | 6 | 18.89 | 0.02 | Lateral |
| SWR_LTR_5535 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_5537 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_5539 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_5541 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_5543 | Polyvinyl Chloride | 6 | 72.18 | 0.08 | Lateral |
| SWR_LTR_5545 | Polyvinyl Chloride | 6 | 72.24 | 0.08 | Lateral |
| SWR_LTR_5548 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_5550 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_5552 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_5554 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_5556 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5558 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_5560 | Polyvinyl Chloride | 6 | 60.20 | 0.07 | Lateral |
| SWR_LTR_5562 | Polyvinyl Chloride | 6 | 60.19 | 0.07 | Lateral |
| SWR_LTR_5564 | Polyvinyl Chloride | 6 | 60.24 | 0.07 | Lateral |
| SWR_LTR_5567 | Polyvinyl Chloride | 6 | 60.22 | 0.07 | Lateral |
| SWR_LTR_5569 | Polyvinyl Chloride | 6 | 51.19 | 0.06 | Lateral |
| SWR_LTR_5570 | Polyvinyl Chloride | 6 | 77.25 | 0.09 | Lateral |
| SWR_LTR_5571 | Polyvinyl Chloride | 6 | 62.21 | 0.07 | Lateral |
| SWR_LTR_5572 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_5573 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_5574 | Polyvinyl Chloride | 6 | 14.29 | 0.02 | Lateral |
| SWR_LTR_5575 | Polyvinyl Chloride | 6 | 14.26 | 0.02 | Lateral |
| SWR_LTR_5577 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_5578 | Polyvinyl Chloride | 6 | 20.36 | 0.02 | Lateral |
| SWR_LTR_5579 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_5580 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_5581 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_5582 | Polyvinyl Chloride | 6 | 12.11 | 0.01 | Lateral |
| SWR_LTR_5583 | Polyvinyl Chloride | 6 | 55.19 | 0.06 | Lateral |
| SWR_LTR_5584 | Polyvinyl Chloride | 6 | 55.25 | 0.06 | Lateral |
| SWR_LTR_5586 | Polyvinyl Chloride | 6 | 55.20 | 0.06 | Lateral |
| SWR_LTR_5587 | Polyvinyl Chloride | 6 | 56.22 | 0.06 | Lateral |
| SWR_LTR_5588 | Polyvinyl Chloride | 6 | 24.24 | 0.03 | Lateral |
| SWR_LTR_5589 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_5590 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_5591 | Polyvinyl Chloride | 6 | 22.26 | 0.03 | Lateral |
| SWR_LTR_5593 | Polyvinyl Chloride | 6 | 24.17 | 0.03 | Lateral |
| SWR_LTR_5594 | Polyvinyl Chloride | 6 | 20.15 | 0.02 | Lateral |
| SWR_LTR_5595 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_5596 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_5597 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_5598 | Polyvinyl Chloride | 6 | 59.19 | 0.07 | Lateral |
| SWR_LTR_5599 | Polyvinyl Chloride | 6 | 57.21 | 0.07 | Lateral |
| SWR_LTR_5600 | Polyvinyl Chloride | 6 | 11.90 | 0.01 | Lateral |
| SWR_LTR_5601 | Polyvinyl Chloride | 6 | 13.17 | 0.01 | Lateral |
| SWR_LTR_5602 | Polyvinyl Chloride | 6 | 11.71 | 0.01 | Lateral |
| SWR_LTR_5603 | Polyvinyl Chloride | 6 | 16.12 | 0.02 | Lateral |
| SWR_LTR_5604 | Polyvinyl Chloride | 6 | 14.66 | 0.02 | Lateral |
| SWR_LTR_5606 | Polyvinyl Chloride | 6 | 14.78 | 0.02 | Lateral |
| SWR_LTR_5608 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_5675 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_5676 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_5677 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_5678 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_5679 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_5680 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_5681 | Polyvinyl Chloride | 6 | 20.62 | 0.02 | Lateral |
| SWR_LTR_5682 | Polyvinyl Chloride | 6 | 22.19 | 0.03 | Lateral |
| SWR_LTR_5683 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_5684 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_5685 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_5686 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_5687 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_5689 | Polyvinyl Chloride | 6 | 24.19 | 0.03 | Lateral |
| SWR_LTR_5690 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |
| SWR_LTR_5692 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_5694 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_5696 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_5698 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_5699 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5700 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_5701 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_5702 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_5703 | Polyvinyl Chloride | 6 | 6.17 | 0.01 | Lateral |
| SWR_LTR_5705 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_5706 | Polyvinyl Chloride | 6 | 20.25 | 0.02 | Lateral |
| SWR_LTR_5707 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_5708 | Polyvinyl Chloride | 6 | 16.47 | 0.02 | Lateral |
| SWR_LTR_5709 | Polyvinyl Chloride | 6 | 21.36 | 0.02 | Lateral |
| SWR_LTR_5711 | Polyvinyl Chloride | 6 | 21.64 | 0.02 | Lateral |
| SWR_LTR_5713 | Polyvinyl Chloride | 6 | 22.09 | 0.03 | Lateral |
| SWR_LTR_5714 | Polyvinyl Chloride | 6 | 24.89 | 0.03 | Lateral |
| SWR_LTR_5715 | Polyvinyl Chloride | 6 | 23.85 | 0.03 | Lateral |
| SWR_LTR_5716 | Polyvinyl Chloride | 6 | 22.78 | 0.03 | Lateral |
| SWR_LTR_5717 | Polyvinyl Chloride | 6 | 4.84 | 0.01 | Lateral |
| SWR_LTR_5719 | Polyvinyl Chloride | 6 | 4.79 | 0.01 | Lateral |
| SWR_LTR_5720 | Polyvinyl Chloride | 6 | 4.81 | 0.01 | Lateral |
| SWR_LTR_5722 | Polyvinyl Chloride | 6 | 6.71 | 0.01 | Lateral |
| SWR_LTR_5723 | Polyvinyl Chloride | 6 | 6.27 | 0.01 | Lateral |
| SWR_LTR_5724 | Polyvinyl Chloride | 6 | 6.24 | 0.01 | Lateral |
| SWR_LTR_5726 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_5727 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_5728 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_5729 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_5730 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_5731 | Polyvinyl Chloride | 6 | 13.26 | 0.02 | Lateral |
| SWR_LTR_5732 | Polyvinyl Chloride | 6 | 8.53 | 0.01 | Lateral |
| SWR_LTR_5733 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_5734 | Polyvinyl Chloride | 6 | 14.25 | 0.02 | Lateral |
| SWR_LTR_5735 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_5737 | Polyvinyl Chloride | 6 | 14.27 | 0.02 | Lateral |
| SWR_LTR_5739 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_5741 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_5742 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_5744 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_5746 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_5748 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_5750 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_5752 | Polyvinyl Chloride | 6 | 19.17 | 0.02 | Lateral |
| SWR_LTR_5754 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_5756 | Polyvinyl Chloride | 6 | 6.06 | 0.01 | Lateral |
| SWR_LTR_5757 | Polyvinyl Chloride | 6 | 33.87 | 0.04 | Lateral |
| SWR_LTR_5759 | Polyvinyl Chloride | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_5761 | Polyvinyl Chloride | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_5763 | Polyvinyl Chloride | 6 | 4.40 | 0.005 | Lateral |
| SWR_LTR_5765 | Polyvinyl Chloride | 6 | 4.36 | 0.005 | Lateral |
| SWR_LTR_5766 | Polyvinyl Chloride | 6 | 5.52 | 0.01 | Lateral |
| SWR_LTR_5768 | Polyvinyl Chloride | 6 | 5.57 | 0.01 | Lateral |
| SWR_LTR_5769 | Polyvinyl Chloride | 6 | 5.59 | 0.01 | Lateral |
| SWR_LTR_5770 | Polyvinyl Chloride | 6 | 5.55 | 0.01 | Lateral |
| SWR_LTR_5771 | Polyvinyl Chloride | 6 | 3.76 | 0.004 | Lateral |
| SWR_LTR_5772 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_5773 | Polyvinyl Chloride | 6 | 3.77 | 0.004 | Lateral |
| SWR_LTR_5774 | Polyvinyl Chloride | 6 | 21.27 | 0.02 | Lateral |
| SWR_LTR_5775 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |
| SWR_LTR_5776 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_5777 | Polyvinyl Chloride | 6 | 33.96 | 0.04 | Lateral |
| SWR_LTR_5778 | Polyvinyl Chloride | 6 | 34.37 | 0.04 | Lateral |
| SWR_LTR_5780 | Polyvinyl Chloride | 6 | 28.96 | 0.03 | Lateral |
| SWR_LTR_5782 | Polyvinyl Chloride | 6 | 37.78 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5784 | Polyvinyl Chloride | 6 | 40.75 | 0.05 | Lateral |
| SWR_LTR_5786 | Polyvinyl Chloride | 6 | 35.85 | 0.04 | Lateral |
| SWR_LTR_5788 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_5790 | Polyvinyl Chloride | 6 | 33.21 | 0.04 | Lateral |
| SWR_LTR_5791 | Polyvinyl Chloride | 6 | 33.23 | 0.04 | Lateral |
| SWR_LTR_5792 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_5793 | Polyvinyl Chloride | 6 | 34.08 | 0.04 | Lateral |
| SWR_LTR_5794 | Polyvinyl Chloride | 6 | 34.75 | 0.04 | Lateral |
| SWR_LTR_5796 | Polyvinyl Chloride | 6 | 35.74 | 0.04 | Lateral |
| SWR_LTR_5798 | Polyvinyl Chloride | 6 | 32.18 | 0.04 | Lateral |
| SWR_LTR_5800 | Polyvinyl Chloride | 6 | 32.62 | 0.04 | Lateral |
| SWR_LTR_5802 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_5803 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_5804 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_5805 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_5806 | Polyvinyl Chloride | 6 | 40.82 | 0.05 | Lateral |
| SWR_LTR_5808 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_5810 | Polyvinyl Chloride | 6 | 42.24 | 0.05 | Lateral |
| SWR_LTR_5812 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_5813 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_5814 | Polyvinyl Chloride | 6 | 46.25 | 0.05 | Lateral |
| SWR_LTR_5816 | Polyvinyl Chloride | 6 | 51.26 | 0.06 | Lateral |
| SWR_LTR_5837 | Polyvinyl Chloride | 6 | 22.26 | 0.03 | Lateral |
| SWR_LTR_5839 | Polyvinyl Chloride | 6 | 25.25 | 0.03 | Lateral |
| SWR_LTR_5841 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_5883 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_5885 | Polyvinyl Chloride | 6 | 5.99 | 0.01 | Lateral |
| SWR_LTR_5886 | Polyvinyl Chloride | 6 | 6.00 | 0.01 | Lateral |
| SWR_LTR_5887 | Polyvinyl Chloride | 6 | 8.00 | 0.01 | Lateral |
| SWR_LTR_5889 | Polyvinyl Chloride | 6 | 4.45 | 0.01 | Lateral |
| SWR_LTR_5890 | Polyvinyl Chloride | 6 | 4.41 | 0.01 | Lateral |
| SWR_LTR_5891 | Polyvinyl Chloride | 6 | 4.45 | 0.01 | Lateral |
| SWR_LTR_5924 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_5925 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_5926 | Polyvinyl Chloride | 6 | 3.79 | 0.004 | Lateral |
| SWR_LTR_5928 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |
| SWR_LTR_5930 | Polyvinyl Chloride | 6 | 6.35 | 0.01 | Lateral |
| SWR_LTR_5932 | Polyvinyl Chloride | 6 | 6.03 | 0.01 | Lateral |
| SWR_LTR_5934 | Polyvinyl Chloride | 6 | 6.03 | 0.01 | Lateral |
| SWR_LTR_5936 | Polyvinyl Chloride | 6 | 56.22 | 0.06 | Lateral |
| SWR_LTR_5937 | Polyvinyl Chloride | 6 | 56.16 | 0.06 | Lateral |
| SWR_LTR_5938 | Polyvinyl Chloride | 6 | 54.20 | 0.06 | Lateral |
| SWR_LTR_5940 | Polyvinyl Chloride | 6 | 52.22 | 0.06 | Lateral |
| SWR_LTR_5942 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_5944 | Polyvinyl Chloride | 6 | 48.16 | 0.05 | Lateral |
| SWR_LTR_5945 | Polyvinyl Chloride | 6 | 54.22 | 0.06 | Lateral |
| SWR_LTR_5946 | Polyvinyl Chloride | 6 | 56.22 | 0.06 | Lateral |
| SWR_LTR_6152 | Polyvinyl Chloride | 6 | 31.30 | 0.04 | Lateral |
| SWR_LTR_623 | Polyvinyl Chloride | 6 | 49.97 | 0.06 | Lateral |
| SWR_LTR_6249 | Polyvinyl Chloride | 6 | 56.20 | 0.06 | Lateral |
| SWR_LTR_6250 | Polyvinyl Chloride | 6 | 54.28 | 0.06 | Lateral |
| SWR_LTR_6251 | Polyvinyl Chloride | 6 | 50.20 | 0.06 | Lateral |
| SWR_LTR_6252 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_6254 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_6256 | Polyvinyl Chloride | 6 | 26.24 | 0.03 | Lateral |
| SWR_LTR_6258 | Polyvinyl Chloride | 6 | 24.17 | 0.03 | Lateral |
| SWR_LTR_6260 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_6262 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_6264 | Polyvinyl Chloride | 6 | 28.20 | 0.03 | Lateral |
| SWR_LTR_6266 | Polyvinyl Chloride | 6 | 26.26 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 21**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6268 | Polyvinyl Chloride | 6 | 28.18 | 0.03 | Lateral |
| SWR_LTR_6270 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_6272 | Polyvinyl Chloride | 6 | 50.17 | 0.06 | Lateral |
| SWR_LTR_6274 | Polyvinyl Chloride | 6 | 50.12 | 0.06 | Lateral |
| SWR_LTR_6276 | Polyvinyl Chloride | 6 | 52.19 | 0.06 | Lateral |
| SWR_LTR_6278 | Polyvinyl Chloride | 6 | 54.19 | 0.06 | Lateral |
| SWR_LTR_6280 | Polyvinyl Chloride | 6 | 54.19 | 0.06 | Lateral |
| SWR_LTR_6282 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_6284 | Polyvinyl Chloride | 6 | 21.52 | 0.02 | Lateral |
| SWR_LTR_6286 | Polyvinyl Chloride | 6 | 24.00 | 0.03 | Lateral |
| SWR_LTR_6288 | Polyvinyl Chloride | 6 | 23.92 | 0.03 | Lateral |
| SWR_LTR_6290 | Polyvinyl Chloride | 6 | 25.27 | 0.03 | Lateral |
| SWR_LTR_6291 | Polyvinyl Chloride | 6 | 25.32 | 0.03 | Lateral |
| SWR_LTR_6293 | Polyvinyl Chloride | 6 | 16.02 | 0.02 | Lateral |
| SWR_LTR_6295 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_6297 | Polyvinyl Chloride | 6 | 24.88 | 0.03 | Lateral |
| SWR_LTR_6299 | Polyvinyl Chloride | 6 | 24.23 | 0.03 | Lateral |
| SWR_LTR_6301 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_6303 | Polyvinyl Chloride | 6 | 26.74 | 0.03 | Lateral |
| SWR_LTR_6305 | Polyvinyl Chloride | 6 | 27.34 | 0.03 | Lateral |
| SWR_LTR_6307 | Polyvinyl Chloride | 6 | 54.49 | 0.06 | Lateral |
| SWR_LTR_6308 | Polyvinyl Chloride | 6 | 55.85 | 0.06 | Lateral |
| SWR_LTR_6309 | Polyvinyl Chloride | 6 | 9.50 | 0.01 | Lateral |
| SWR_LTR_6310 | Polyvinyl Chloride | 6 | 51.89 | 0.06 | Lateral |
| SWR_LTR_6312 | Polyvinyl Chloride | 6 | 51.95 | 0.06 | Lateral |
| SWR_LTR_6314 | Polyvinyl Chloride | 6 | 50.19 | 0.06 | Lateral |
| SWR_LTR_6315 | Polyvinyl Chloride | 6 | 51.92 | 0.06 | Lateral |
| SWR_LTR_6316 | Polyvinyl Chloride | 6 | 51.91 | 0.06 | Lateral |
| SWR_LTR_6317 | Polyvinyl Chloride | 6 | 51.91 | 0.06 | Lateral |
| SWR_LTR_6320 | Polyvinyl Chloride | 6 | 6.36 | 0.01 | Lateral |
| SWR_LTR_6321 | Polyvinyl Chloride | 6 | 16.11 | 0.02 | Lateral |
| SWR_LTR_6323 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_6324 | Polyvinyl Chloride | 6 | 28.19 | 0.03 | Lateral |
| SWR_LTR_636 | Polyvinyl Chloride | 6 | 57.61 | 0.07 | Lateral |
| SWR_LTR_6376 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_6377 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_6378 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_6379 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_6380 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_6382 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_6384 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_6386 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_6388 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_6390 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_6392 | Polyvinyl Chloride | 6 | 16.15 | 0.02 | Lateral |
| SWR_LTR_6393 | Polyvinyl Chloride | 6 | 24.37 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22A**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1010 | Cast Iron | 6 | 128.23 | 0.15 | Main |
| SWR_GRV_2375 | Terra Cotta | 8 | 70.86 | 0.11 | Main |
| SWR_GRV_4965 | Terra Cotta | 12 | 280.93 | 0.64 | Main |
| SWR_GRV_4972 | Terra Cotta | 8 | 164.10 | 0.25 | Main |
| SWR_GRV_4974 | Terra Cotta | 8 | 157.60 | 0.24 | Main |
| SWR_GRV_4976 | Terra Cotta | 8 | 264.82 | 0.40 | Main |
| SWR_GRV_4978 | Terra Cotta | 8 | 268.88 | 0.41 | Main |
| SWR_GRV_4980 | Terra Cotta | 8 | 260.94 | 0.40 | Main |
| SWR_GRV_4982 | Terra Cotta | 8 | 159.66 | 0.24 | Main |
| SWR_GRV_4984 | Terra Cotta | 10 | 294.76 | 0.56 | Main |
| SWR_GRV_4986 | Terra Cotta | 10 | 295.57 | 0.56 | Main |
| SWR_GRV_4988 | Terra Cotta | 10 | 294.56 | 0.56 | Main |
| SWR_GRV_4990 | Terra Cotta | 10 | 294.84 | 0.56 | Main |
| SWR_GRV_4992 | Terra Cotta | 12 | 254.78 | 0.58 | Main |
| SWR_GRV_4994 | Terra Cotta | 12 | 43.81 | 0.10 | Main |
| SWR_GRV_4996 | Terra Cotta | 12 | 241.38 | 0.55 | Main |
| SWR_GRV_4998 | Terra Cotta | 12 | 281.91 | 0.64 | Main |
| SWR_GRV_5000 | Terra Cotta | 12 | 283.01 | 0.64 | Main |
| SWR_GRV_5003 | Terra Cotta | 12 | 79.94 | 0.18 | Main |
| SWR_GRV_5007 | Terra Cotta | 12 | 153.95 | 0.35 | Main |
| SWR_GRV_5009 | Polyvinyl Chloride | 12 | 22.92 | 0.05 | Main |
| SWR_GRV_5011 | Polyvinyl Chloride | 12 | 24.58 | 0.06 | Main |
| SWR_GRV_5013 | Terra Cotta | 8 | 88.38 | 0.13 | Main |
| SWR_GRV_5015 | Terra Cotta | 8 | 228.73 | 0.35 | Main |
| SWR_GRV_5017 | Terra Cotta | 8 | 300.58 | 0.46 | Main |
| SWR_GRV_5019 | Terra Cotta | 8 | 148.08 | 0.22 | Main |
| SWR_GRV_5021 | Terra Cotta | 8 | 194.17 | 0.29 | Main |
| SWR_GRV_5023 | Terra Cotta | 8 | 230.15 | 0.35 | Main |
| SWR_GRV_5025 | Polyvinyl Chloride | 8 | 297.12 | 0.45 | Main |
| SWR_GRV_8145 | Terra Cotta | 8 | 272.83 | 0.41 | Main |
| SWR_GRV_8147 | Terra Cotta | 8 | 240.95 | 0.37 | Main |
| SWR_GRV_8149 | Terra Cotta | 8 | 230.25 | 0.35 | Main |
| SWR_GRV_8158 | Terra Cotta | 8 | 27.92 | 0.04 | Main |
| SWR_GRV_8162 | Terra Cotta | 8 | 293.97 | 0.45 | Main |
| SWR_GRV_8164 | Terra Cotta | 8 | 300.60 | 0.46 | Main |
| SWR_GRV_8166 | Terra Cotta | 8 | 276.49 | 0.42 | Main |
| SWR_GRV_8168 | Terra Cotta | 8 | 290.62 | 0.44 | Main |
| SWR_GRV_8170 | Terra Cotta | 8 | 280.85 | 0.43 | Main |
| SWR_GRV_8172 | Terra Cotta | 8 | 299.95 | 0.45 | Main |
| SWR_GRV_8174 | Terra Cotta | 8 | 286.20 | 0.43 | Main |
| SWR_GRV_8176 | Terra Cotta | 8 | 296.49 | 0.45 | Main |
| SWR_GRV_8178 | Terra Cotta | 8 | 291.15 | 0.44 | Main |
| SWR_GRV_8180 | Terra Cotta | 8 | 289.62 | 0.44 | Main |
| SWR_GRV_8182 | Terra Cotta | 8 | 261.10 | 0.40 | Main |
| SWR_GRV_8184 | Terra Cotta | 8 | 298.32 | 0.45 | Main |
| SWR_GRV_8186 | Terra Cotta | 10 | 300.72 | 0.57 | Main |
| SWR_GRV_8188 | Terra Cotta | 10 | 288.14 | 0.55 | Main |
| SWR_GRV_8190 | Terra Cotta | 10 | 312.10 | 0.59 | Main |
| SWR_GRV_8195 | Terra Cotta | 15 | 54.99 | 0.16 | Main |
| SWR_GRV_8823 | Polyvinyl Chloride | 6 | 259.48 | 0.29 | Main |
| SWR_LTR_11682 | Polyvinyl Chloride | 6 | 42.24 | 0.05 | Lateral |
| SWR_LTR_13535 | Polyvinyl Chloride | 6 | 10.49 | 0.01 | Lateral |
| SWR_LTR_15062 | Polyvinyl Chloride | 6 | 9.09 | 0.01 | Lateral |
| SWR_LTR_15063 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_15064 | Polyvinyl Chloride | 6 | 10.27 | 0.01 | Lateral |
| SWR_LTR_15065 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_15066 | Polyvinyl Chloride | 6 | 59.43 | 0.07 | Lateral |
| SWR_LTR_15067 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_15068 | Polyvinyl Chloride | 6 | 12.34 | 0.01 | Lateral |
| SWR_LTR_15069 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15070 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_15071 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_15072 | Polyvinyl Chloride | 6 | 42.46 | 0.05 | Lateral |
| SWR_LTR_15073 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_15074 | Polyvinyl Chloride | 6 | 41.57 | 0.05 | Lateral |
| SWR_LTR_15075 | Polyvinyl Chloride | 6 | 45.18 | 0.05 | Lateral |
| SWR_LTR_15076 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_15077 | Polyvinyl Chloride | 6 | 45.24 | 0.05 | Lateral |
| SWR_LTR_15078 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_15079 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15230 | Polyvinyl Chloride | 6 | 42.73 | 0.05 | Lateral |
| SWR_LTR_15231 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_15257 | Polyvinyl Chloride | 6 | 10.85 | 0.01 | Lateral |
| SWR_LTR_15258 | Polyvinyl Chloride | 6 | 10.80 | 0.01 | Lateral |
| SWR_LTR_15259 | Polyvinyl Chloride | 6 | 10.28 | 0.01 | Lateral |
| SWR_LTR_15260 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |
| SWR_LTR_15261 | Polyvinyl Chloride | 6 | 10.27 | 0.01 | Lateral |
| SWR_LTR_15262 | Polyvinyl Chloride | 6 | 11.30 | 0.01 | Lateral |
| SWR_LTR_15267 | Polyvinyl Chloride | 6 | 41.86 | 0.05 | Lateral |
| SWR_LTR_15268 | Polyvinyl Chloride | 6 | 15.00 | 0.02 | Lateral |
| SWR_LTR_15269 | Polyvinyl Chloride | 6 | 16.55 | 0.02 | Lateral |
| SWR_LTR_15270 | Polyvinyl Chloride | 6 | 9.96 | 0.01 | Lateral |
| SWR_LTR_15271 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15272 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15273 | Polyvinyl Chloride | 6 | 43.86 | 0.05 | Lateral |
| SWR_LTR_15274 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_15275 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_15276 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_15277 | Polyvinyl Chloride | 6 | 9.68 | 0.01 | Lateral |
| SWR_LTR_15278 | Polyvinyl Chloride | 6 | 9.91 | 0.01 | Lateral |
| SWR_LTR_15279 | Polyvinyl Chloride | 6 | 8.40 | 0.01 | Lateral |
| SWR_LTR_15421 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_15422 | Polyvinyl Chloride | 6 | 44.26 | 0.05 | Lateral |
| SWR_LTR_15423 | Polyvinyl Chloride | 6 | 45.24 | 0.05 | Lateral |
| SWR_LTR_15424 | Polyvinyl Chloride | 6 | 44.17 | 0.05 | Lateral |
| SWR_LTR_15440 | Polyvinyl Chloride | 6 | 48.87 | 0.06 | Lateral |
| SWR_LTR_15441 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_15442 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_15443 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_15444 | Polyvinyl Chloride | 6 | 7.51 | 0.01 | Lateral |
| SWR_LTR_15445 | Polyvinyl Chloride | 6 | 30.63 | 0.03 | Lateral |
| SWR_LTR_15446 | Polyvinyl Chloride | 6 | 17.83 | 0.02 | Lateral |
| SWR_LTR_15447 | Polyvinyl Chloride | 6 | 46.76 | 0.05 | Lateral |
| SWR_LTR_15448 | Polyvinyl Chloride | 6 | 46.63 | 0.05 | Lateral |
| SWR_LTR_15449 | Polyvinyl Chloride | 6 | 50.10 | 0.06 | Lateral |
| SWR_LTR_15450 | Polyvinyl Chloride | 6 | 47.19 | 0.05 | Lateral |
| SWR_LTR_1650 | Cast Iron | 4 | 45.59 | 0.03 | Lateral |
| SWR_LTR_2336 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_2848 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_2852 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_2855 | Polyvinyl Chloride | 6 | 12.13 | 0.01 | Lateral |
| SWR_LTR_2858 | Polyvinyl Chloride | 6 | 13.33 | 0.02 | Lateral |
| SWR_LTR_2861 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_2865 | Polyvinyl Chloride | 6 | 10.65 | 0.01 | Lateral |
| SWR_LTR_2868 | Polyvinyl Chloride | 6 | 11.00 | 0.01 | Lateral |
| SWR_LTR_2871 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_2874 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_2877 | Polyvinyl Chloride | 6 | 41.65 | 0.05 | Lateral |
| SWR_LTR_2880 | Polyvinyl Chloride | 6 | 44.84 | 0.05 | Lateral |
| SWR_LTR_2885 | Polyvinyl Chloride | 6 | 43.11 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2888 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_2892 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_2894 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_2897 | Polyvinyl Chloride | 6 | 12.65 | 0.01 | Lateral |
| SWR_LTR_2899 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_2902 | Polyvinyl Chloride | 6 | 10.62 | 0.01 | Lateral |
| SWR_LTR_2905 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_2907 | Polyvinyl Chloride | 6 | 74.68 | 0.08 | Lateral |
| SWR_LTR_2909 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_2911 | Polyvinyl Chloride | 6 | 8.36 | 0.01 | Lateral |
| SWR_LTR_2913 | Polyvinyl Chloride | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_2914 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_2916 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_2930 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_2932 | Polyvinyl Chloride | 6 | 38.56 | 0.04 | Lateral |
| SWR_LTR_2935 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_2939 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_2941 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_2943 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_2945 | Polyvinyl Chloride | 6 | 43.15 | 0.05 | Lateral |
| SWR_LTR_2948 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_2951 | Polyvinyl Chloride | 6 | 45.62 | 0.05 | Lateral |
| SWR_LTR_2953 | Polyvinyl Chloride | 6 | 47.49 | 0.05 | Lateral |
| SWR_LTR_2955 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_2957 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_2959 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_2961 | Polyvinyl Chloride | 6 | 45.99 | 0.05 | Lateral |
| SWR_LTR_2963 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_2967 | Polyvinyl Chloride | 6 | 44.24 | 0.05 | Lateral |
| SWR_LTR_2970 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_2972 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_2975 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_2978 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_2981 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_2984 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_2987 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_2989 | Polyvinyl Chloride | 6 | 60.20 | 0.07 | Lateral |
| SWR_LTR_3001 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_3444 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_3446 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_3448 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_3451 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_3454 | Polyvinyl Chloride | 6 | 44.01 | 0.05 | Lateral |
| SWR_LTR_3469 | Polyvinyl Chloride | 6 | 76.26 | 0.09 | Lateral |
| SWR_LTR_3475 | Polyvinyl Chloride | 6 | 43.18 | 0.05 | Lateral |
| SWR_LTR_3531 | Polyvinyl Chloride | 6 | 41.40 | 0.05 | Lateral |
| SWR_LTR_3537 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_3540 | Polyvinyl Chloride | 6 | 40.76 | 0.05 | Lateral |
| SWR_LTR_3542 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_3544 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_3547 | Polyvinyl Chloride | 6 | 45.25 | 0.05 | Lateral |
| SWR_LTR_3550 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_3551 | Polyvinyl Chloride | 6 | 44.94 | 0.05 | Lateral |
| SWR_LTR_3552 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_3557 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_3559 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_3561 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_3564 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_3566 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_3568 | Polyvinyl Chloride | 6 | 33.98 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_3570 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_3572 | Polyvinyl Chloride | 6 | 59.81 | 0.07 | Lateral |
| SWR_LTR_3574 | Polyvinyl Chloride | 6 | 39.37 | 0.04 | Lateral |
| SWR_LTR_3576 | Polyvinyl Chloride | 6 | 39.34 | 0.04 | Lateral |
| SWR_LTR_3577 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_3579 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_3581 | Polyvinyl Chloride | 6 | 12.09 | 0.01 | Lateral |
| SWR_LTR_3583 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_3585 | Polyvinyl Chloride | 6 | 16.25 | 0.02 | Lateral |
| SWR_LTR_3588 | Polyvinyl Chloride | 6 | 20.01 | 0.02 | Lateral |
| SWR_LTR_3596 | Polyvinyl Chloride | 6 | 15.52 | 0.02 | Lateral |
| SWR_LTR_3599 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_3602 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_3605 | Polyvinyl Chloride | 6 | 40.32 | 0.05 | Lateral |
| SWR_LTR_3608 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_3611 | Polyvinyl Chloride | 6 | 39.29 | 0.04 | Lateral |
| SWR_LTR_3614 | Polyvinyl Chloride | 6 | 13.94 | 0.02 | Lateral |
| SWR_LTR_3617 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_3620 | Polyvinyl Chloride | 6 | 10.76 | 0.01 | Lateral |
| SWR_LTR_3623 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_3628 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_363 | Polyvinyl Chloride | 6 | 39.54 | 0.04 | Lateral |
| SWR_LTR_3631 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_3636 | Polyvinyl Chloride | 6 | 11.06 | 0.01 | Lateral |
| SWR_LTR_3639 | Polyvinyl Chloride | 6 | 9.78 | 0.01 | Lateral |
| SWR_LTR_3747 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_3771 | Polyvinyl Chloride | 6 | 47.23 | 0.05 | Lateral |
| SWR_LTR_3773 | Polyvinyl Chloride | 6 | 47.21 | 0.05 | Lateral |
| SWR_LTR_3775 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_3788 | Polyvinyl Chloride | 6 | 45.24 | 0.05 | Lateral |
| SWR_LTR_3789 | Polyvinyl Chloride | 6 | 44.78 | 0.05 | Lateral |
| SWR_LTR_3790 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_3791 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_3793 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_3794 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_3796 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_3798 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_3800 | Polyvinyl Chloride | 6 | 43.18 | 0.05 | Lateral |
| SWR_LTR_3802 | Polyvinyl Chloride | 6 | 43.02 | 0.05 | Lateral |
| SWR_LTR_3804 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_3807 | Polyvinyl Chloride | 6 | 44.86 | 0.05 | Lateral |
| SWR_LTR_3809 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_3811 | Polyvinyl Chloride | 6 | 16.91 | 0.02 | Lateral |
| SWR_LTR_3813 | Polyvinyl Chloride | 6 | 17.34 | 0.02 | Lateral |
| SWR_LTR_3816 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3818 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_3820 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_3822 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_3824 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_3827 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_3831 | Polyvinyl Chloride | 6 | 15.43 | 0.02 | Lateral |
| SWR_LTR_3833 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_3836 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_3839 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_3841 | Polyvinyl Chloride | 6 | 45.18 | 0.05 | Lateral |
| SWR_LTR_3847 | Polyvinyl Chloride | 6 | 40.80 | 0.05 | Lateral |
| SWR_LTR_3851 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_3857 | Polyvinyl Chloride | 6 | 45.24 | 0.05 | Lateral |
| SWR_LTR_3860 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_3865 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_3868 | Polyvinyl Chloride | 6 | 43.19 | 0.05 | Lateral |
| SWR_LTR_3877 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_3880 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_3883 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_3887 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_3889 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_3892 | Polyvinyl Chloride | 6 | 13.50 | 0.02 | Lateral |
| SWR_LTR_3895 | Polyvinyl Chloride | 6 | 40.26 | 0.05 | Lateral |
| SWR_LTR_3898 | Polyvinyl Chloride | 6 | 47.22 | 0.05 | Lateral |
| SWR_LTR_3900 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_3903 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_3905 | Polyvinyl Chloride | 6 | 44.73 | 0.05 | Lateral |
| SWR_LTR_3909 | Polyvinyl Chloride | 6 | 42.49 | 0.05 | Lateral |
| SWR_LTR_397 | Polyvinyl Chloride | 6 | 43.72 | 0.05 | Lateral |
| SWR_LTR_598 | Polyvinyl Chloride | 6 | 43.01 | 0.05 | Lateral |
| SWR_LTR_601 | Polyvinyl Chloride | 6 | 43.23 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_4558 | Terra Cotta | 12 | 275.28 | 0.63 | Main |
| SWR_GRV_4560 | Terra Cotta | 12 | 280.10 | 0.64 | Main |
| SWR_GRV_4562 | Terra Cotta | 8 | 50.17 | 0.076 | Main |
| SWR_GRV_4564 | Terra Cotta | 8 | 161.68 | 0.245 | Main |
| SWR_GRV_4566 | Terra Cotta | 8 | 126.32 | 0.191 | Main |
| SWR_GRV_4568 | Terra Cotta | 8 | 240.30 | 0.364 | Main |
| SWR_GRV_4570 | Terra Cotta | 8 | 300.77 | 0.46 | Main |
| SWR_GRV_4572 | Terra Cotta | 8 | 276.44 | 0.42 | Main |
| SWR_GRV_4574 | Terra Cotta | 8 | 300.84 | 0.46 | Main |
| SWR_GRV_4575 | Terra Cotta | 8 | 278.23 | 0.42 | Main |
| SWR_GRV_4577 | Terra Cotta | 8 | 267.85 | 0.41 | Main |
| SWR_GRV_4579 | Terra Cotta | 8 | 258.98 | 0.39 | Main |
| SWR_GRV_4581 | Terra Cotta | 8 | 366.46 | 0.56 | Main |
| SWR_GRV_4583 | Terra Cotta | 8 | 192.88 | 0.29 | Main |
| SWR_GRV_4585 | Terra Cotta | 8 | 184.36 | 0.28 | Main |
| SWR_GRV_4587 | Terra Cotta | 8 | 337.08 | 0.51 | Main |
| SWR_GRV_4589 | Terra Cotta | 8 | 271.20 | 0.41 | Main |
| SWR_GRV_4591 | Terra Cotta | 8 | 274.54 | 0.42 | Main |
| SWR_GRV_4593 | Terra Cotta | 8 | 267.15 | 0.40 | Main |
| SWR_GRV_4944 | Terra Cotta | 8 | 239.18 | 0.36 | Main |
| SWR_GRV_4946 | Terra Cotta | 8 | 16.20 | 0.02 | Main |
| SWR_GRV_4948 | Terra Cotta | 8 | 167.14 | 0.25 | Main |
| SWR_GRV_4950 | Terra Cotta | 8 | 274.45 | 0.42 | Main |
| SWR_GRV_4952 | Terra Cotta | 8 | 210.89 | 0.32 | Main |
| SWR_GRV_4954 | Terra Cotta | 8 | 33.92 | 0.05 | Main |
| SWR_GRV_4956 | Terra Cotta | 8 | 164.41 | 0.25 | Main |
| SWR_GRV_4958 | Terra Cotta | 12 | 7.96 | 0.02 | Main |
| SWR_GRV_4960 | Terra Cotta | 15 | 170.17 | 0.48 | Main |
| SWR_GRV_4962 | Terra Cotta | 8 | 216.58 | 0.33 | Main |
| SWR_GRV_4964 | Terra Cotta | 8 | 208.38 | 0.32 | Main |
| SWR_GRV_4966 | Terra Cotta | 10 | 256.76 | 0.49 | Main |
| SWR_GRV_4968 | Terra Cotta | 10 | 265.88 | 0.50 | Main |
| SWR_GRV_4970 | Terra Cotta | 10 | 266.08 | 0.50 | Main |
| SWR_GRV_5006 | Terra Cotta | 15 | 223.31 | 0.63 | Main |
| SWR_GRV_5054 | Terra Cotta | 8 | 105.93 | 0.16 | Main |
| SWR_GRV_5056 | Terra Cotta | 12 | 340.30 | 0.77 | Main |
| SWR_GRV_5058 | Terra Cotta | 12 | 334.31 | 0.76 | Main |
| SWR_GRV_5060 | Terra Cotta | 12 | 192.73 | 0.44 | Main |
| SWR_GRV_5062 | Terra Cotta | 12 | 199.02 | 0.45 | Main |
| SWR_GRV_5064 | Terra Cotta | 12 | 168.30 | 0.38 | Main |
| SWR_GRV_5066 | Terra Cotta | 12 | 350.62 | 0.80 | Main |
| SWR_GRV_5068 | Terra Cotta | 12 | 347.76 | 0.79 | Main |
| SWR_GRV_5071 | Terra Cotta | 12 | 343.87 | 0.78 | Main |
| SWR_GRV_5073 | Terra Cotta | 12 | 219.13 | 0.50 | Main |
| SWR_GRV_5075 | Terra Cotta | 12 | 197.75 | 0.45 | Main |
| SWR_GRV_5077 | Terra Cotta | 8 | 110.00 | 0.17 | Main |
| SWR_GRV_5079 | Terra Cotta | 8 | 197.33 | 0.30 | Main |
| SWR_GRV_5081 | Terra Cotta | 8 | 105.00 | 0.16 | Main |
| SWR_GRV_5083 | Terra Cotta | 10 | 283.38 | 0.54 | Main |
| SWR_GRV_5085 | Terra Cotta | 10 | 274.94 | 0.52 | Main |
| SWR_GRV_5087 | Terra Cotta | 10 | 197.64 | 0.37 | Main |
| SWR_GRV_5089 | Terra Cotta | 12 | 265.97 | 0.60 | Main |
| SWR_GRV_5091 | Terra Cotta | 12 | 246.91 | 0.56 | Main |
| SWR_GRV_5093 | Terra Cotta | 12 | 253.73 | 0.58 | Main |
| SWR_GRV_5095 | Terra Cotta | 12 | 128.67 | 0.29 | Main |
| SWR_GRV_5097 | Terra Cotta | 12 | 272.20 | 0.62 | Main |
| SWR_GRV_7440 | Terra Cotta | 8 | 272.43 | 0.41 | Main |
| SWR_GRV_8151 | Terra Cotta | 8 | 128.71 | 0.20 | Main |
| SWR_GRV_8153 | Terra Cotta | 8 | 130.36 | 0.20 | Main |
| SWR_GRV_8155 | Terra Cotta | 8 | 159.17 | 0.24 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_8158 | Terra Cotta | 8 | 54.27 | 0.08 | Main |
| SWR_GRV_8160 | Terra Cotta | 8 | 270.04 | 0.41 | Main |
| SWR_GRV_8823 | Polyvinyl Chloride | 6 | 1.79 | 0.002 | Main |
| SWR_GRV_8825 | Polyvinyl Chloride | 6 | 77.21 | 0.09 | Main |
| SWR_GRV_8886 | Other | 8 | 274.23 | 0.42 | Main |
| SWR_LTR_13534 | Polyvinyl Chloride | 6 | 124.12 | 0.14 | Lateral |
| SWR_LTR_13939 | Polyvinyl Chloride | 6 | 14.14 | 0.02 | Lateral |
| SWR_LTR_13940 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_13941 | Polyvinyl Chloride | 6 | 11.14 | 0.01 | Lateral |
| SWR_LTR_13942 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_13943 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13944 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_13945 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_13946 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_LTR_13947 | Polyvinyl Chloride | 6 | 10.90 | 0.01 | Lateral |
| SWR_LTR_13948 | Polyvinyl Chloride | 6 | 14.32 | 0.02 | Lateral |
| SWR_LTR_13949 | Polyvinyl Chloride | 6 | 14.04 | 0.02 | Lateral |
| SWR_LTR_13950 | Polyvinyl Chloride | 6 | 14.83 | 0.02 | Lateral |
| SWR_LTR_13951 | Polyvinyl Chloride | 6 | 18.76 | 0.02 | Lateral |
| SWR_LTR_14019 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_14020 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14021 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_14022 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_14023 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_14024 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_14025 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_14026 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14027 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_14028 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14029 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_14876 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14877 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_14878 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14879 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_14880 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14881 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_14882 | Polyvinyl Chloride | 6 | 4.00 | 0.005 | Lateral |
| SWR_LTR_14883 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14884 | Polyvinyl Chloride | 6 | 14.46 | 0.02 | Lateral |
| SWR_LTR_14885 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14886 | Polyvinyl Chloride | 6 | 13.93 | 0.02 | Lateral |
| SWR_LTR_14887 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_14888 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_14889 | Polyvinyl Chloride | 6 | 15.54 | 0.02 | Lateral |
| SWR_LTR_14890 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_14933 | Polyvinyl Chloride | 6 | 18.49 | 0.02 | Lateral |
| SWR_LTR_14934 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_14947 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_14948 | Polyvinyl Chloride | 6 | 10.36 | 0.01 | Lateral |
| SWR_LTR_14949 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_14950 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_14951 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_15056 | Polyvinyl Chloride | 6 | 14.13 | 0.02 | Lateral |
| SWR_LTR_15057 | Polyvinyl Chloride | 6 | 14.88 | 0.02 | Lateral |
| SWR_LTR_15058 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_15059 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15060 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_15061 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_15202 | Polyvinyl Chloride | 6 | 13.03 | 0.01 | Lateral |
| SWR_LTR_15203 | Polyvinyl Chloride | 6 | 14.92 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15204 | Polyvinyl Chloride | 6 | 14.43 | 0.02 | Lateral |
| SWR_LTR_15205 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_15206 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_15207 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_15208 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_15209 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_15210 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_15211 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_15212 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15213 | Polyvinyl Chloride | 6 | 15.82 | 0.02 | Lateral |
| SWR_LTR_15425 | Polyvinyl Chloride | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_15426 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_15427 | Polyvinyl Chloride | 6 | 5.25 | 0.01 | Lateral |
| SWR_LTR_15428 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_15429 | Polyvinyl Chloride | 6 | 5.60 | 0.01 | Lateral |
| SWR_LTR_15430 | Polyvinyl Chloride | 6 | 70.19 | 0.08 | Lateral |
| SWR_LTR_15431 | Polyvinyl Chloride | 6 | 5.97 | 0.01 | Lateral |
| SWR_LTR_15432 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_15433 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_15434 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_15435 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_15436 | Polyvinyl Chloride | 6 | 11.01 | 0.01 | Lateral |
| SWR_LTR_15437 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15438 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15439 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16314 | Polyvinyl Chloride | 6 | 12.84 | 0.01 | Lateral |
| SWR_LTR_16315 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_16316 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_16317 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_16318 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_16319 | Polyvinyl Chloride | 6 | 43.19 | 0.05 | Lateral |
| SWR_LTR_16320 | Polyvinyl Chloride | 6 | 42.11 | 0.05 | Lateral |
| SWR_LTR_16321 | Polyvinyl Chloride | 6 | 41.47 | 0.05 | Lateral |
| SWR_LTR_16322 | Polyvinyl Chloride | 6 | 19.47 | 0.02 | Lateral |
| SWR_LTR_16323 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_16324 | Polyvinyl Chloride | 6 | 14.57 | 0.02 | Lateral |
| SWR_LTR_16325 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_16875 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_16876 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_16877 | Polyvinyl Chloride | 6 | 11.01 | 0.01 | Lateral |
| SWR_LTR_2332 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_2337 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_2502 | Polyvinyl Chloride | 6 | 11.10 | 0.01 | Lateral |
| SWR_LTR_2505 | Polyvinyl Chloride | 6 | 10.88 | 0.01 | Lateral |
| SWR_LTR_2508 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_2511 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_2514 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_2825 | Polyvinyl Chloride | 6 | 19.14 | 0.02 | Lateral |
| SWR_LTR_2830 | Polyvinyl Chloride | 6 | 18.64 | 0.02 | Lateral |
| SWR_LTR_2832 | Polyvinyl Chloride | 6 | 19.10 | 0.02 | Lateral |
| SWR_LTR_2834 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_2837 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_2839 | Polyvinyl Chloride | 6 | 14.29 | 0.02 | Lateral |
| SWR_LTR_2842 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_2845 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_2918 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_2920 | Polyvinyl Chloride | 6 | 36.73 | 0.04 | Lateral |
| SWR_LTR_2923 | Polyvinyl Chloride | 6 | 10.38 | 0.01 | Lateral |
| SWR_LTR_2925 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_2926 | Polyvinyl Chloride | 6 | 4.11 | 0.005 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2928 | Terra Cotta | 6 | 75.03 | 0.09 | Lateral |
| SWR_LTR_3005 | Polyvinyl Chloride | 6 | 10.05 | 0.01 | Lateral |
| SWR_LTR_3008 | Polyvinyl Chloride | 6 | 10.30 | 0.01 | Lateral |
| SWR_LTR_3015 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_3025 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_3028 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_3033 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_3036 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_3039 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_3045 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_3096 | Polyvinyl Chloride | 6 | 17.69 | 0.02 | Lateral |
| SWR_LTR_3098 | Polyvinyl Chloride | 6 | 11.99 | 0.01 | Lateral |
| SWR_LTR_3102 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_3105 | Polyvinyl Chloride | 6 | 15.50 | 0.02 | Lateral |
| SWR_LTR_3108 | Polyvinyl Chloride | 6 | 15.06 | 0.02 | Lateral |
| SWR_LTR_3112 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_3115 | Polyvinyl Chloride | 6 | 20.35 | 0.02 | Lateral |
| SWR_LTR_3118 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_3123 | Polyvinyl Chloride | 6 | 11.33 | 0.01 | Lateral |
| SWR_LTR_3125 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_3410 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3412 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_3414 | Polyvinyl Chloride | 6 | 13.28 | 0.02 | Lateral |
| SWR_LTR_3416 | Polyvinyl Chloride | 6 | 17.00 | 0.02 | Lateral |
| SWR_LTR_3418 | Polyvinyl Chloride | 6 | 13.68 | 0.02 | Lateral |
| SWR_LTR_3420 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_3422 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_3423 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_3424 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_3425 | Polyvinyl Chloride | 6 | 22.22 | 0.03 | Lateral |
| SWR_LTR_3426 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_3427 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_3428 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_3429 | Polyvinyl Chloride | 6 | 18.98 | 0.02 | Lateral |
| SWR_LTR_3432 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3434 | Polyvinyl Chloride | 6 | 13.84 | 0.02 | Lateral |
| SWR_LTR_3436 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_3439 | Polyvinyl Chloride | 6 | 14.27 | 0.02 | Lateral |
| SWR_LTR_3441 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_3681 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_3683 | Polyvinyl Chloride | 6 | 21.00 | 0.02 | Lateral |
| SWR_LTR_3685 | Polyvinyl Chloride | 6 | 20.01 | 0.02 | Lateral |
| SWR_LTR_3687 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_3689 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_3691 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_3693 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_3695 | Polyvinyl Chloride | 6 | 44.18 | 0.05 | Lateral |
| SWR_LTR_3697 | Polyvinyl Chloride | 6 | 33.76 | 0.04 | Lateral |
| SWR_LTR_3699 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_3701 | Polyvinyl Chloride | 6 | 17.00 | 0.02 | Lateral |
| SWR_LTR_3702 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_3705 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_3708 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3712 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_3715 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_3716 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_3718 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_3719 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_3720 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3721 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 22B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_3722 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_3724 | Polyvinyl Chloride | 6 | 12.24 | 0.01 | Lateral |
| SWR_LTR_3725 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_3726 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_3727 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_3728 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3729 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_3730 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_3731 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_3733 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_3735 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_3737 | Polyvinyl Chloride | 6 | 4.18 | 0.005 | Lateral |
| SWR_LTR_3739 | Polyvinyl Chloride | 6 | 4.18 | 0.005 | Lateral |
| SWR_LTR_3741 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_3743 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_3745 | Polyvinyl Chloride | 6 | 5.01 | 0.01 | Lateral |
| SWR_LTR_3749 | Polyvinyl Chloride | 6 | 46.21 | 0.05 | Lateral |
| SWR_LTR_3751 | Polyvinyl Chloride | 6 | 46.21 | 0.05 | Lateral |
| SWR_LTR_3752 | Polyvinyl Chloride | 6 | 43.75 | 0.05 | Lateral |
| SWR_LTR_3753 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_3754 | Polyvinyl Chloride | 6 | 29.49 | 0.03 | Lateral |
| SWR_LTR_3755 | Polyvinyl Chloride | 6 | 35.89 | 0.04 | Lateral |
| SWR_LTR_3756 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3758 | Polyvinyl Chloride | 6 | 9.42 | 0.01 | Lateral |
| SWR_LTR_3759 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3760 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_3762 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_3763 | Polyvinyl Chloride | 6 | 11.50 | 0.01 | Lateral |
| SWR_LTR_3764 | Polyvinyl Chloride | 6 | 17.68 | 0.02 | Lateral |
| SWR_LTR_3765 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_3767 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3769 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_3850 | Polyvinyl Chloride | 6 | 51.73 | 0.06 | Lateral |
| SWR_LTR_3916 | Polyvinyl Chloride | 6 | 50.79 | 0.06 | Lateral |
| SWR_LTR_3918 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1 | Concrete (Non-Reinforced) | 8 | 124.53 | 0.19 | Main |
| SWR_GRV_1007 | Concrete (Non-Reinforced) | 8 | 20.10 | 0.03 | Main |
| SWR_GRV_1008 | Concrete (Non-Reinforced) | 8 | 150.27 | 0.23 | Main |
| SWR_GRV_1009 | Concrete (Non-Reinforced) | 8 | 296.10 | 0.45 | Main |
| SWR_GRV_1022 | Concrete (Non-Reinforced) | 21 | 32.91 | 0.13 | Main |
| SWR_GRV_1023 | Concrete (Non-Reinforced) | 18 | 248.92 | 0.85 | Main |
| SWR_GRV_1059 | Concrete (Non-Reinforced) | 8 | 349.92 | 0.53 | Main |
| SWR_GRV_1060 | Concrete (Non-Reinforced) | 8 | 350.14 | 0.53 | Main |
| SWR_GRV_1063 | Concrete (Non-Reinforced) | 8 | 69.30 | 0.11 | Main |
| SWR_GRV_1064 | Concrete (Non-Reinforced) | 18 | 103.31 | 0.35 | Main |
| SWR_GRV_1065 | Concrete (Non-Reinforced) | 18 | 172.25 | 0.59 | Main |
| SWR_GRV_1066 | Concrete (Non-Reinforced) | 8 | 126.25 | 0.19 | Main |
| SWR_GRV_1067 | Concrete (Non-Reinforced) | 18 | 47.63 | 0.16 | Main |
| SWR_GRV_1546 | Concrete (Non-Reinforced) | 21 | 32.83 | 0.13 | Main |
| SWR_GRV_1547 | Concrete (Non-Reinforced) | 8 | 349.81 | 0.53 | Main |
| SWR_GRV_1548 | Concrete (Non-Reinforced) | 8 | 348.95 | 0.53 | Main |
| SWR_GRV_1549 | Concrete (Non-Reinforced) | 8 | 201.58 | 0.31 | Main |
| SWR_GRV_1550 | Concrete (Non-Reinforced) | 12 | 221.54 | 0.50 | Main |
| SWR_GRV_1551 | Concrete (Non-Reinforced) | 12 | 20.78 | 0.05 | Main |
| SWR_GRV_1552 | Concrete (Non-Reinforced) | 8 | 349.54 | 0.53 | Main |
| SWR_GRV_1553 | Concrete (Non-Reinforced) | 8 | 209.14 | 0.32 | Main |
| SWR_GRV_1733 | Concrete (Non-Reinforced) | 8 | 401.14 | 0.61 | Main |
| SWR_GRV_1734 | Concrete (Non-Reinforced) | 8 | 199.26 | 0.30 | Main |
| SWR_GRV_2 | Concrete (Non-Reinforced) | 8 | 149.41 | 0.23 | Main |
| SWR_GRV_2597 | Terra Cotta | 8 | 59.65 | 0.09 | Main |
| SWR_GRV_2599 | Terra Cotta | 8 | 433.37 | 0.66 | Main |
| SWR_GRV_2601 | Terra Cotta | 8 | 172.38 | 0.26 | Main |
| SWR_GRV_2604 | Terra Cotta | 8 | 291.75 | 0.44 | Main |
| SWR_GRV_2607 | Terra Cotta | 8 | 192.07 | 0.29 | Main |
| SWR_GRV_2610 | Terra Cotta | 8 | 192.13 | 0.29 | Main |
| SWR_GRV_2615 | Terra Cotta | 8 | 222.98 | 0.34 | Main |
| SWR_GRV_2618 | Terra Cotta | 8 | 207.62 | 0.31 | Main |
| SWR_GRV_2620 | Terra Cotta | 8 | 229.26 | 0.35 | Main |
| SWR_GRV_2622 | Terra Cotta | 8 | 220.93 | 0.33 | Main |
| SWR_GRV_2625 | Terra Cotta | 8 | 208.07 | 0.32 | Main |
| SWR_GRV_2628 | Terra Cotta | 8 | 346.65 | 0.53 | Main |
| SWR_GRV_2631 | Terra Cotta | 8 | 45.74 | 0.07 | Main |
| SWR_GRV_2633 | Terra Cotta | 8 | 347.24 | 0.53 | Main |
| SWR_GRV_2635 | Terra Cotta | 8 | 352.58 | 0.53 | Main |
| SWR_GRV_2638 | Terra Cotta | 8 | 353.17 | 0.54 | Main |
| SWR_GRV_2642 | Terra Cotta | 8 | 198.86 | 0.30 | Main |
| SWR_GRV_2645 | Terra Cotta | 8 | 190.33 | 0.29 | Main |
| SWR_GRV_2647 | Terra Cotta | 8 | 352.74 | 0.53 | Main |
| SWR_GRV_2691 | Terra Cotta | 8 | 257.31 | 0.39 | Main |
| SWR_GRV_2694 | Terra Cotta | 8 | 350.01 | 0.53 | Main |
| SWR_GRV_2696 | Terra Cotta | 8 | 350.40 | 0.53 | Main |
| SWR_GRV_2699 | Terra Cotta | 8 | 345.84 | 0.52 | Main |
| SWR_GRV_2703 | Terra Cotta | 8 | 277.56 | 0.42 | Main |
| SWR_GRV_2706 | Terra Cotta | 8 | 141.94 | 0.22 | Main |
| SWR_GRV_2711 | Terra Cotta | 8 | 349.09 | 0.53 | Main |
| SWR_GRV_2714 | Terra Cotta | 8 | 105.66 | 0.16 | Main |
| SWR_GRV_2717 | Terra Cotta | 10 | 350.71 | 0.66 | Main |
| SWR_GRV_2720 | Terra Cotta | 8 | 133.48 | 0.20 | Main |
| SWR_GRV_2723 | Terra Cotta | 10 | 28.38 | 0.05 | Main |
| SWR_GRV_2726 | Terra Cotta | 10 | 115.91 | 0.22 | Main |
| SWR_GRV_2730 | Terra Cotta | 8 | 256.62 | 0.39 | Main |
| SWR_GRV_2733 | Terra Cotta | 10 | 354.22 | 0.67 | Main |
| SWR_GRV_2738 | Terra Cotta | 8 | 278.02 | 0.42 | Main |
| SWR_GRV_3195 | Other | 8 | 78.24 | 0.12 | Main |
| SWR_GRV_3201 | Terra Cotta | 8 | 350.65 | 0.53 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_3214 | Polyvinyl Chloride | 8 | 20.67 | 0.03 | Main |
| SWR_GRV_3216 | Polyvinyl Chloride | 8 | 4.67 | 0.01 | Main |
| SWR_GRV_3218 | Polyvinyl Chloride | 8 | 321.85 | 0.49 | Main |
| SWR_GRV_3220 | Polyvinyl Chloride | 8 | 411.43 | 0.62 | Main |
| SWR_GRV_3223 | Polyvinyl Chloride | 8 | 379.07 | 0.57 | Main |
| SWR_GRV_336 | Concrete (Non-Reinforced) | 8 | 8.83 | 0.01 | Main |
| SWR_GRV_337 | Concrete (Non-Reinforced) | 8 | 242.99 | 0.37 | Main |
| SWR_GRV_340 | Concrete (Non-Reinforced) | 10 | 348.20 | 0.66 | Main |
| SWR_GRV_341 | Concrete (Non-Reinforced) | 8 | 145.51 | 0.22 | Main |
| SWR_GRV_342 | Concrete (Non-Reinforced) | 8 | 66.55 | 0.10 | Main |
| SWR_GRV_343 | Concrete (Non-Reinforced) | 10 | 340.12 | 0.64 | Main |
| SWR_GRV_344 | Concrete (Non-Reinforced) | 10 | 158.45 | 0.30 | Main |
| SWR_GRV_345 | Concrete (Non-Reinforced) | 8 | 133.99 | 0.20 | Main |
| SWR_GRV_346 | Concrete (Non-Reinforced) | 8 | 169.36 | 0.26 | Main |
| SWR_GRV_347 | Concrete (Non-Reinforced) | 8 | 365.43 | 0.55 | Main |
| SWR_GRV_348 | Concrete (Non-Reinforced) | 8 | 339.25 | 0.51 | Main |
| SWR_GRV_3516 | Terra Cotta | 10 | 260.74 | 0.49 | Main |
| SWR_GRV_3519 | Terra Cotta | 10 | 250.47 | 0.47 | Main |
| SWR_GRV_3522 | Terra Cotta | 8 | 251.16 | 0.38 | Main |
| SWR_GRV_3526 | Terra Cotta | 8 | 29.85 | 0.05 | Main |
| SWR_GRV_3538 | Terra Cotta | 8 | 85.09 | 0.13 | Main |
| SWR_GRV_3586 | Terra Cotta | 8 | 114.50 | 0.17 | Main |
| SWR_GRV_359 | Concrete (Non-Reinforced) | 8 | 373.72 | 0.57 | Main |
| SWR_GRV_360 | Concrete (Non-Reinforced) | 8 | 38.23 | 0.06 | Main |
| SWR_GRV_361 | Concrete (Non-Reinforced) | 8 | 123.22 | 0.19 | Main |
| SWR_GRV_362 | Concrete (Non-Reinforced) | 8 | 175.51 | 0.27 | Main |
| SWR_GRV_364 | Concrete (Non-Reinforced) | 8 | 351.43 | 0.53 | Main |
| SWR_GRV_367 | Concrete (Non-Reinforced) | 8 | 236.04 | 0.36 | Main |
| SWR_GRV_368 | Concrete (Non-Reinforced) | 8 | 345.32 | 0.52 | Main |
| SWR_GRV_371 | Concrete (Non-Reinforced) | 8 | 228.77 | 0.35 | Main |
| SWR_GRV_3792 | Terra Cotta | 8 | 263.21 | 0.40 | Main |
| SWR_GRV_3803 | Terra Cotta | 8 | 287.69 | 0.44 | Main |
| SWR_GRV_3806 | Terra Cotta | 8 | 353.79 | 0.54 | Main |
| SWR_GRV_3808 | Terra Cotta | 8 | 286.12 | 0.43 | Main |
| SWR_GRV_3810 | Terra Cotta | 8 | 276.10 | 0.42 | Main |
| SWR_GRV_4011 | Terra Cotta | 8 | 99.04 | 0.15 | Main |
| SWR_GRV_4014 | Terra Cotta | 8 | 144.81 | 0.22 | Main |
| SWR_GRV_424 | Concrete (Non-Reinforced) | 8 | 164.40 | 0.25 | Main |
| SWR_GRV_425 | Concrete (Non-Reinforced) | 8 | 225.78 | 0.34 | Main |
| SWR_GRV_426 | Concrete (Non-Reinforced) | 8 | 286.73 | 0.43 | Main |
| SWR_GRV_427 | Concrete (Non-Reinforced) | 8 | 22.43 | 0.03 | Main |
| SWR_GRV_428 | Concrete (Non-Reinforced) | 8 | 255.25 | 0.39 | Main |
| SWR_GRV_429 | Concrete (Non-Reinforced) | 8 | 123.04 | 0.19 | Main |
| SWR_GRV_430 | Concrete (Non-Reinforced) | 8 | 109.45 | 0.17 | Main |
| SWR_GRV_431 | Concrete (Non-Reinforced) | 8 | 141.38 | 0.21 | Main |
| SWR_GRV_432 | Concrete (Non-Reinforced) | 8 | 204.15 | 0.31 | Main |
| SWR_GRV_442 | Concrete (Non-Reinforced) | 8 | 86.79 | 0.13 | Main |
| SWR_GRV_443 | Concrete (Non-Reinforced) | 8 | 369.78 | 0.56 | Main |
| SWR_GRV_4498 | Terra Cotta | 8 | 224.57 | 0.34 | Main |
| SWR_GRV_4500 | Terra Cotta | 8 | 222.25 | 0.34 | Main |
| SWR_GRV_4832 | Polyvinyl Chloride | 8 | 3.76 | 0.01 | Main |
| SWR_GRV_4834 | Polyvinyl Chloride | 8 | 5.12 | 0.01 | Main |
| SWR_GRV_4926 | Terra Cotta | 8 | 154.74 | 0.23 | Main |
| SWR_GRV_4929 | Terra Cotta | 8 | 267.58 | 0.41 | Main |
| SWR_GRV_4931 | Terra Cotta | 8 | 263.47 | 0.40 | Main |
| SWR_GRV_4936 | Terra Cotta | 8 | 366.07 | 0.55 | Main |
| SWR_GRV_4938 | Terra Cotta | 8 | 9.45 | 0.01 | Main |
| SWR_GRV_5052 | Terra Cotta | 8 | 342.81 | 0.52 | Main |
| SWR_GRV_5202 | Terra Cotta | 8 | 136.85 | 0.21 | Main |
| SWR_GRV_5211 | Other | 18 | 227.91 | 0.78 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_5214 | Terra Cotta | 8 | 206.48 | 0.31 | Main |
| SWR_GRV_5216 | Terra Cotta | 8 | 408.25 | 0.62 | Main |
| SWR_GRV_5217 | Terra Cotta | 8 | 52.90 | 0.08 | Main |
| SWR_GRV_5220 | Terra Cotta | 8 | 351.01 | 0.53 | Main |
| SWR_GRV_531 | Concrete (Non-Reinforced) | 10 | 294.79 | 0.56 | Main |
| SWR_GRV_532 | Concrete (Non-Reinforced) | 10 | 285.85 | 0.54 | Main |
| SWR_GRV_533 | Concrete (Non-Reinforced) | 10 | 356.42 | 0.68 | Main |
| SWR_GRV_549 | Concrete (Non-Reinforced) | 8 | 9.33 | 0.01 | Main |
| SWR_GRV_551 | Concrete (Non-Reinforced) | 12 | 0.60 | 0.001 | Main |
| SWR_GRV_553 | Terra Cotta | 8 | 5.23 | 0.01 | Main |
| SWR_GRV_592 | Concrete (Non-Reinforced) | 8 | 367.02 | 0.56 | Main |
| SWR_GRV_593 | Concrete (Non-Reinforced) | 10 | 192.37 | 0.36 | Main |
| SWR_GRV_594 | Concrete (Non-Reinforced) | 12 | 13.24 | 0.03 | Main |
| SWR_GRV_595 | Concrete (Non-Reinforced) | 12 | 165.63 | 0.38 | Main |
| SWR_GRV_621 | Concrete (Non-Reinforced) | 8 | 146.67 | 0.22 | Main |
| SWR_GRV_7338 | Terra Cotta | 8 | 299.34 | 0.45 | Main |
| SWR_GRV_7340 | Terra Cotta | 8 | 300.96 | 0.46 | Main |
| SWR_GRV_7342 | Terra Cotta | 8 | 53.57 | 0.08 | Main |
| SWR_GRV_7344 | Terra Cotta | 8 | 377.51 | 0.57 | Main |
| SWR_GRV_7346 | Terra Cotta | 8 | 288.48 | 0.44 | Main |
| SWR_GRV_789 | Concrete (Non-Reinforced) | 12 | 266.78 | 0.61 | Main |
| SWR_GRV_790 | Concrete (Non-Reinforced) | 10 | 334.35 | 0.63 | Main |
| SWR_GRV_791 | Concrete (Non-Reinforced) | 10 | 123.40 | 0.23 | Main |
| SWR_GRV_792 | Concrete (Non-Reinforced) | 10 | 357.31 | 0.68 | Main |
| SWR_GRV_793 | Concrete (Non-Reinforced) | 15 | 367.75 | 1.04 | Main |
| SWR_GRV_794 | Concrete (Non-Reinforced) | 15 | 350.94 | 1.00 | Main |
| SWR_GRV_795 | Concrete (Non-Reinforced) | 8 | 16.02 | 0.02 | Main |
| SWR_GRV_796 | Concrete (Non-Reinforced) | 15 | 349.35 | 0.99 | Main |
| SWR_GRV_797 | Concrete (Non-Reinforced) | 15 | 349.70 | 0.99 | Main |
| SWR_GRV_798 | Concrete (Non-Reinforced) | 15 | 206.96 | 0.59 | Main |
| SWR_GRV_799 | Concrete (Non-Reinforced) | 8 | 277.09 | 0.42 | Main |
| SWR_GRV_803 | Concrete (Non-Reinforced) | 8 | 353.56 | 0.54 | Main |
| SWR_GRV_804 | Concrete (Non-Reinforced) | 8 | 162.63 | 0.25 | Main |
| SWR_GRV_805 | Concrete (Non-Reinforced) | 8 | 332.73 | 0.50 | Main |
| SWR_GRV_806 | Concrete (Non-Reinforced) | 8 | 349.18 | 0.53 | Main |
| SWR_GRV_807 | Concrete (Non-Reinforced) | 8 | 208.52 | 0.32 | Main |
| SWR_GRV_808 | Concrete (Non-Reinforced) | 12 | 276.29 | 0.63 | Main |
| SWR_GRV_809 | Concrete (Non-Reinforced) | 10 | 252.19 | 0.48 | Main |
| SWR_GRV_810 | Concrete (Non-Reinforced) | 8 | 293.82 | 0.45 | Main |
| SWR_GRV_811 | Concrete (Non-Reinforced) | 8 | 306.14 | 0.46 | Main |
| SWR_GRV_812 | Concrete (Non-Reinforced) | 8 | 350.08 | 0.53 | Main |
| SWR_GRV_813 | Concrete (Non-Reinforced) | 8 | 272.79 | 0.41 | Main |
| SWR_GRV_814 | Concrete (Non-Reinforced) | 8 | 86.68 | 0.13 | Main |
| SWR_GRV_815 | Concrete (Non-Reinforced) | 8 | 357.04 | 0.54 | Main |
| SWR_GRV_8473 | Terra Cotta | 8 | 408.72 | 0.62 | Main |
| SWR_GRV_8474 | Terra Cotta | 8 | 361.71 | 0.55 | Main |
| SWR_GRV_8708 | Polyvinyl Chloride | 8 | 74.82 | 0.11 | Main |
| SWR_GRV_8710 | Polyvinyl Chloride | 8 | 12.07 | 0.02 | Main |
| SWR_GRV_8712 | Polyvinyl Chloride | 8 | 142.20 | 0.22 | Main |
| SWR_GRV_8714 | Polyvinyl Chloride | 8 | 12.18 | 0.02 | Main |
| SWR_GRV_973 | Concrete (Non-Reinforced) | 8 | 9.84 | 0.01 | Main |
| SWR_GRV_974 | Concrete (Non-Reinforced) | 8 | 7.46 | 0.01 | Main |
| SWR_GRV_975 | Concrete (Non-Reinforced) | 8 | 11.51 | 0.02 | Main |
| SWR_GRV_976 | Concrete (Non-Reinforced) | 8 | 8.58 | 0.01 | Main |
| SWR_LTR_13718 | Polyvinyl Chloride | 6 | 10.37 | 0.01 | Lateral |
| SWR_LTR_13719 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_13720 | Polyvinyl Chloride | 6 | 9.62 | 0.01 | Lateral |
| SWR_LTR_13721 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_13722 | Polyvinyl Chloride | 6 | 15.08 | 0.02 | Lateral |
| SWR_LTR_13791 | Polyvinyl Chloride | 6 | 47.21 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13792 | Polyvinyl Chloride | 6 | 53.22 | 0.06 | Lateral |
| SWR_LTR_13793 | Polyvinyl Chloride | 6 | 41.64 | 0.05 | Lateral |
| SWR_LTR_13794 | Polyvinyl Chloride | 6 | 42.15 | 0.05 | Lateral |
| SWR_LTR_13795 | Polyvinyl Chloride | 6 | 42.71 | 0.05 | Lateral |
| SWR_LTR_13796 | Polyvinyl Chloride | 6 | 45.11 | 0.05 | Lateral |
| SWR_LTR_13797 | Polyvinyl Chloride | 6 | 45.17 | 0.05 | Lateral |
| SWR_LTR_13812 | Polyvinyl Chloride | 6 | 13.53 | 0.02 | Lateral |
| SWR_LTR_13813 | Polyvinyl Chloride | 6 | 13.82 | 0.02 | Lateral |
| SWR_LTR_13814 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_13815 | Polyvinyl Chloride | 6 | 14.54 | 0.02 | Lateral |
| SWR_LTR_13816 | Polyvinyl Chloride | 6 | 11.38 | 0.01 | Lateral |
| SWR_LTR_13926 | Polyvinyl Chloride | 6 | 40.60 | 0.05 | Lateral |
| SWR_LTR_13927 | Polyvinyl Chloride | 6 | 42.72 | 0.05 | Lateral |
| SWR_LTR_14048 | Polyvinyl Chloride | 6 | 31.18 | 0.04 | Lateral |
| SWR_LTR_14049 | Polyvinyl Chloride | 6 | 26.17 | 0.03 | Lateral |
| SWR_LTR_14050 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_14051 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14052 | Polyvinyl Chloride | 6 | 45.62 | 0.05 | Lateral |
| SWR_LTR_14053 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_14054 | Polyvinyl Chloride | 6 | 10.33 | 0.01 | Lateral |
| SWR_LTR_14156 | Polyvinyl Chloride | 6 | 6.68 | 0.01 | Lateral |
| SWR_LTR_14157 | Polyvinyl Chloride | 6 | 6.26 | 0.01 | Lateral |
| SWR_LTR_14158 | Polyvinyl Chloride | 6 | 6.13 | 0.01 | Lateral |
| SWR_LTR_14159 | Polyvinyl Chloride | 6 | 5.97 | 0.01 | Lateral |
| SWR_LTR_14160 | Polyvinyl Chloride | 6 | 5.80 | 0.01 | Lateral |
| SWR_LTR_14617 | Polyvinyl Chloride | 6 | 11.02 | 0.01 | Lateral |
| SWR_LTR_14618 | Polyvinyl Chloride | 6 | 11.41 | 0.01 | Lateral |
| SWR_LTR_14619 | Polyvinyl Chloride | 6 | 11.56 | 0.01 | Lateral |
| SWR_LTR_14620 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_14621 | Polyvinyl Chloride | 6 | 19.02 | 0.02 | Lateral |
| SWR_LTR_14622 | Polyvinyl Chloride | 6 | 19.09 | 0.02 | Lateral |
| SWR_LTR_14623 | Polyvinyl Chloride | 6 | 19.14 | 0.02 | Lateral |
| SWR_LTR_14624 | Polyvinyl Chloride | 6 | 10.74 | 0.01 | Lateral |
| SWR_LTR_14625 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_14626 | Polyvinyl Chloride | 6 | 10.27 | 0.01 | Lateral |
| SWR_LTR_14627 | Polyvinyl Chloride | 6 | 19.26 | 0.02 | Lateral |
| SWR_LTR_14628 | Polyvinyl Chloride | 6 | 19.35 | 0.02 | Lateral |
| SWR_LTR_14629 | Polyvinyl Chloride | 6 | 9.65 | 0.01 | Lateral |
| SWR_LTR_14630 | Polyvinyl Chloride | 6 | 10.14 | 0.01 | Lateral |
| SWR_LTR_14631 | Polyvinyl Chloride | 6 | 14.66 | 0.02 | Lateral |
| SWR_LTR_14632 | Polyvinyl Chloride | 6 | 20.98 | 0.02 | Lateral |
| SWR_LTR_14633 | Polyvinyl Chloride | 6 | 20.71 | 0.02 | Lateral |
| SWR_LTR_14634 | Polyvinyl Chloride | 6 | 13.81 | 0.02 | Lateral |
| SWR_LTR_14635 | Polyvinyl Chloride | 6 | 13.00 | 0.01 | Lateral |
| SWR_LTR_14636 | Polyvinyl Chloride | 6 | 20.29 | 0.02 | Lateral |
| SWR_LTR_14637 | Polyvinyl Chloride | 6 | 12.53 | 0.01 | Lateral |
| SWR_LTR_14715 | Polyvinyl Chloride | 6 | 6.63 | 0.01 | Lateral |
| SWR_LTR_14716 | Polyvinyl Chloride | 6 | 6.63 | 0.01 | Lateral |
| SWR_LTR_14717 | Polyvinyl Chloride | 6 | 6.61 | 0.01 | Lateral |
| SWR_LTR_14718 | Polyvinyl Chloride | 6 | 6.62 | 0.01 | Lateral |
| SWR_LTR_14719 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_14720 | Polyvinyl Chloride | 6 | 19.21 | 0.02 | Lateral |
| SWR_LTR_14721 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_14722 | Polyvinyl Chloride | 8 | 50.36 | 0.08 | Lateral |
| SWR_LTR_14723 | Polyvinyl Chloride | 6 | 28.29 | 0.03 | Lateral |
| SWR_LTR_14724 | Polyvinyl Chloride | 6 | 16.08 | 0.02 | Lateral |
| SWR_LTR_14725 | Polyvinyl Chloride | 6 | 16.08 | 0.02 | Lateral |
| SWR_LTR_14726 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_14727 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_14728 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14729 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_14798 | Polyvinyl Chloride | 6 | 39.32 | 0.04 | Lateral |
| SWR_LTR_14799 | Polyvinyl Chloride | 6 | 39.48 | 0.04 | Lateral |
| SWR_LTR_14800 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_14801 | Polyvinyl Chloride | 6 | 44.82 | 0.05 | Lateral |
| SWR_LTR_14815 | Polyvinyl Chloride | 6 | 32.16 | 0.04 | Lateral |
| SWR_LTR_14829 | Polyvinyl Chloride | 6 | 14.25 | 0.02 | Lateral |
| SWR_LTR_14830 | Polyvinyl Chloride | 6 | 15.29 | 0.02 | Lateral |
| SWR_LTR_14831 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14832 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_14833 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_14834 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_14835 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_14836 | Polyvinyl Chloride | 6 | 78.45 | 0.09 | Lateral |
| SWR_LTR_14837 | Polyvinyl Chloride | 6 | 45.25 | 0.05 | Lateral |
| SWR_LTR_14838 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_14839 | Polyvinyl Chloride | 6 | 45.17 | 0.05 | Lateral |
| SWR_LTR_14840 | Polyvinyl Chloride | 6 | 46.24 | 0.05 | Lateral |
| SWR_LTR_14841 | Polyvinyl Chloride | 6 | 46.28 | 0.05 | Lateral |
| SWR_LTR_14842 | Polyvinyl Chloride | 6 | 16.76 | 0.02 | Lateral |
| SWR_LTR_14843 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_14844 | Polyvinyl Chloride | 6 | 16.63 | 0.02 | Lateral |
| SWR_LTR_14845 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_14854 | Polyvinyl Chloride | 6 | 11.38 | 0.01 | Lateral |
| SWR_LTR_14855 | Polyvinyl Chloride | 6 | 11.37 | 0.01 | Lateral |
| SWR_LTR_14856 | Polyvinyl Chloride | 6 | 11.39 | 0.01 | Lateral |
| SWR_LTR_14857 | Polyvinyl Chloride | 6 | 11.39 | 0.01 | Lateral |
| SWR_LTR_14858 | Polyvinyl Chloride | 6 | 4.18 | 0.005 | Lateral |
| SWR_LTR_14859 | Polyvinyl Chloride | 6 | 4.16 | 0.005 | Lateral |
| SWR_LTR_14860 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_14861 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_14906 | Polyvinyl Chloride | 6 | 38.76 | 0.04 | Lateral |
| SWR_LTR_14907 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_14908 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_14909 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_14910 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_14911 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_14932 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_14935 | Polyvinyl Chloride | 6 | 40.45 | 0.05 | Lateral |
| SWR_LTR_14936 | Polyvinyl Chloride | 6 | 39.65 | 0.05 | Lateral |
| SWR_LTR_14937 | Polyvinyl Chloride | 6 | 14.92 | 0.02 | Lateral |
| SWR_LTR_14938 | Polyvinyl Chloride | 6 | 10.05 | 0.01 | Lateral |
| SWR_LTR_14939 | Polyvinyl Chloride | 6 | 10.31 | 0.01 | Lateral |
| SWR_LTR_14940 | Polyvinyl Chloride | 6 | 10.53 | 0.01 | Lateral |
| SWR_LTR_14941 | Polyvinyl Chloride | 6 | 10.56 | 0.01 | Lateral |
| SWR_LTR_14942 | Polyvinyl Chloride | 6 | 10.70 | 0.01 | Lateral |
| SWR_LTR_14943 | Polyvinyl Chloride | 6 | 10.92 | 0.01 | Lateral |
| SWR_LTR_14944 | Polyvinyl Chloride | 6 | 9.86 | 0.01 | Lateral |
| SWR_LTR_14945 | Polyvinyl Chloride | 6 | 10.02 | 0.01 | Lateral |
| SWR_LTR_14946 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15019 | Polyvinyl Chloride | 6 | 18.16 | 0.02 | Lateral |
| SWR_LTR_15020 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_15021 | Polyvinyl Chloride | 6 | 16.29 | 0.02 | Lateral |
| SWR_LTR_15022 | Polyvinyl Chloride | 6 | 16.29 | 0.02 | Lateral |
| SWR_LTR_15023 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_15024 | Polyvinyl Chloride | 6 | 8.88 | 0.01 | Lateral |
| SWR_LTR_15025 | Polyvinyl Chloride | 6 | 10.71 | 0.01 | Lateral |
| SWR_LTR_15106 | Polyvinyl Chloride | 6 | 56.02 | 0.06 | Lateral |
| SWR_LTR_15107 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_15108 | Polyvinyl Chloride | 6 | 30.01 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15109 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15110 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15111 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_15112 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15113 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15114 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15115 | Polyvinyl Chloride | 6 | 16.57 | 0.02 | Lateral |
| SWR_LTR_15116 | Polyvinyl Chloride | 6 | 12.17 | 0.01 | Lateral |
| SWR_LTR_15117 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15118 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_15119 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_15120 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_15121 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15122 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15123 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15124 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_15125 | Polyvinyl Chloride | 6 | 4.17 | 0.005 | Lateral |
| SWR_LTR_15126 | Polyvinyl Chloride | 6 | 9.23 | 0.01 | Lateral |
| SWR_LTR_15127 | Polyvinyl Chloride | 6 | 9.23 | 0.01 | Lateral |
| SWR_LTR_15128 | Polyvinyl Chloride | 6 | 46.71 | 0.05 | Lateral |
| SWR_LTR_15129 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_15130 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_15131 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_15132 | Polyvinyl Chloride | 6 | 13.20 | 0.02 | Lateral |
| SWR_LTR_15133 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15134 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15135 | Polyvinyl Chloride | 6 | 28.63 | 0.03 | Lateral |
| SWR_LTR_15136 | Polyvinyl Chloride | 6 | 13.73 | 0.02 | Lateral |
| SWR_LTR_15137 | Polyvinyl Chloride | 6 | 41.25 | 0.05 | Lateral |
| SWR_LTR_15138 | Polyvinyl Chloride | 6 | 38.98 | 0.04 | Lateral |
| SWR_LTR_15139 | Polyvinyl Chloride | 6 | 38.99 | 0.04 | Lateral |
| SWR_LTR_15140 | Polyvinyl Chloride | 6 | 51.41 | 0.06 | Lateral |
| SWR_LTR_15141 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_15142 | Polyvinyl Chloride | 6 | 40.28 | 0.05 | Lateral |
| SWR_LTR_15143 | Polyvinyl Chloride | 6 | 40.52 | 0.05 | Lateral |
| SWR_LTR_15144 | Polyvinyl Chloride | 6 | 40.65 | 0.05 | Lateral |
| SWR_LTR_15145 | Polyvinyl Chloride | 6 | 46.70 | 0.05 | Lateral |
| SWR_LTR_15146 | Polyvinyl Chloride | 6 | 14.15 | 0.02 | Lateral |
| SWR_LTR_15147 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15148 | Polyvinyl Chloride | 6 | 32.13 | 0.04 | Lateral |
| SWR_LTR_15149 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15150 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15151 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15152 | Polyvinyl Chloride | 6 | 11.57 | 0.01 | Lateral |
| SWR_LTR_15334 | Polyvinyl Chloride | 6 | 10.53 | 0.01 | Lateral |
| SWR_LTR_15363 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15364 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15365 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15366 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_15367 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15368 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15369 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15370 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15371 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_15372 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15373 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15374 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_15375 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15376 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |
| SWR_LTR_15385 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15386 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_15387 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_15388 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_15389 | Polyvinyl Chloride | 6 | 26.18 | 0.03 | Lateral |
| SWR_LTR_15390 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_15391 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_15392 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15407 | Polyvinyl Chloride | 6 | 15.35 | 0.02 | Lateral |
| SWR_LTR_15408 | Polyvinyl Chloride | 6 | 15.32 | 0.02 | Lateral |
| SWR_LTR_15409 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15410 | Polyvinyl Chloride | 6 | 15.10 | 0.02 | Lateral |
| SWR_LTR_15411 | Polyvinyl Chloride | 6 | 39.64 | 0.05 | Lateral |
| SWR_LTR_15412 | Polyvinyl Chloride | 6 | 44.15 | 0.05 | Lateral |
| SWR_LTR_15413 | Polyvinyl Chloride | 6 | 40.86 | 0.05 | Lateral |
| SWR_LTR_15414 | Polyvinyl Chloride | 6 | 15.71 | 0.02 | Lateral |
| SWR_LTR_15415 | Polyvinyl Chloride | 6 | 16.40 | 0.02 | Lateral |
| SWR_LTR_15416 | Polyvinyl Chloride | 6 | 17.00 | 0.02 | Lateral |
| SWR_LTR_15417 | Polyvinyl Chloride | 6 | 9.49 | 0.01 | Lateral |
| SWR_LTR_15418 | Polyvinyl Chloride | 6 | 9.68 | 0.01 | Lateral |
| SWR_LTR_15419 | Polyvinyl Chloride | 6 | 54.24 | 0.06 | Lateral |
| SWR_LTR_15502 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_15503 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15504 | Polyvinyl Chloride | 6 | 10.05 | 0.01 | Lateral |
| SWR_LTR_15505 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_15506 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_15507 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15508 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_15509 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15510 | Polyvinyl Chloride | 6 | 4.17 | 0.005 | Lateral |
| SWR_LTR_15511 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_15512 | Polyvinyl Chloride | 6 | 6.67 | 0.01 | Lateral |
| SWR_LTR_15513 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_15528 | Polyvinyl Chloride | 6 | 41.04 | 0.05 | Lateral |
| SWR_LTR_15593 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_15594 | Polyvinyl Chloride | 6 | 33.79 | 0.04 | Lateral |
| SWR_LTR_15595 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_15596 | Polyvinyl Chloride | 6 | 34.39 | 0.04 | Lateral |
| SWR_LTR_15597 | Polyvinyl Chloride | 6 | 38.40 | 0.04 | Lateral |
| SWR_LTR_15598 | Polyvinyl Chloride | 6 | 42.48 | 0.05 | Lateral |
| SWR_LTR_15599 | Polyvinyl Chloride | 6 | 34.32 | 0.04 | Lateral |
| SWR_LTR_15600 | Polyvinyl Chloride | 6 | 13.29 | 0.02 | Lateral |
| SWR_LTR_15601 | Polyvinyl Chloride | 6 | 13.93 | 0.02 | Lateral |
| SWR_LTR_15602 | Polyvinyl Chloride | 6 | 12.77 | 0.01 | Lateral |
| SWR_LTR_15603 | Polyvinyl Chloride | 6 | 16.99 | 0.02 | Lateral |
| SWR_LTR_15604 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_15605 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_15674 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_15675 | Polyvinyl Chloride | 6 | 9.23 | 0.01 | Lateral |
| SWR_LTR_15676 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_15677 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_15678 | Polyvinyl Chloride | 6 | 9.23 | 0.01 | Lateral |
| SWR_LTR_15679 | Polyvinyl Chloride | 6 | 14.67 | 0.02 | Lateral |
| SWR_LTR_15680 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15681 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15682 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_15683 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15684 | Polyvinyl Chloride | 6 | 46.21 | 0.05 | Lateral |
| SWR_LTR_15685 | Polyvinyl Chloride | 6 | 11.02 | 0.01 | Lateral |
| SWR_LTR_15686 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_15687 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15688 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15689 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_15690 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15691 | Polyvinyl Chloride | 6 | 11.55 | 0.01 | Lateral |
| SWR_LTR_15692 | Polyvinyl Chloride | 6 | 50.00 | 0.06 | Lateral |
| SWR_LTR_15693 | Polyvinyl Chloride | 6 | 18.08 | 0.02 | Lateral |
| SWR_LTR_15694 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_15695 | Polyvinyl Chloride | 6 | 19.52 | 0.02 | Lateral |
| SWR_LTR_15696 | Polyvinyl Chloride | 6 | 19.50 | 0.02 | Lateral |
| SWR_LTR_15697 | Polyvinyl Chloride | 6 | 16.09 | 0.02 | Lateral |
| SWR_LTR_15698 | Polyvinyl Chloride | 6 | 16.41 | 0.02 | Lateral |
| SWR_LTR_15699 | Polyvinyl Chloride | 6 | 16.52 | 0.02 | Lateral |
| SWR_LTR_15700 | Polyvinyl Chloride | 6 | 16.61 | 0.02 | Lateral |
| SWR_LTR_15701 | Polyvinyl Chloride | 6 | 83.97 | 0.10 | Lateral |
| SWR_LTR_15702 | Polyvinyl Chloride | 6 | 27.34 | 0.03 | Lateral |
| SWR_LTR_15703 | Polyvinyl Chloride | 6 | 23.54 | 0.03 | Lateral |
| SWR_LTR_15704 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15705 | Polyvinyl Chloride | 6 | 10.77 | 0.01 | Lateral |
| SWR_LTR_15706 | Polyvinyl Chloride | 6 | 10.97 | 0.01 | Lateral |
| SWR_LTR_15707 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_15708 | Polyvinyl Chloride | 6 | 17.35 | 0.02 | Lateral |
| SWR_LTR_15709 | Polyvinyl Chloride | 6 | 10.61 | 0.01 | Lateral |
| SWR_LTR_15710 | Polyvinyl Chloride | 6 | 15.40 | 0.02 | Lateral |
| SWR_LTR_15711 | Polyvinyl Chloride | 6 | 15.31 | 0.02 | Lateral |
| SWR_LTR_15712 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_15713 | Polyvinyl Chloride | 6 | 13.33 | 0.02 | Lateral |
| SWR_LTR_15714 | Polyvinyl Chloride | 6 | 13.59 | 0.02 | Lateral |
| SWR_LTR_15715 | Polyvinyl Chloride | 6 | 23.27 | 0.03 | Lateral |
| SWR_LTR_15716 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_15727 | Polyvinyl Chloride | 6 | 10.32 | 0.01 | Lateral |
| SWR_LTR_15728 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15729 | Polyvinyl Chloride | 6 | 20.83 | 0.02 | Lateral |
| SWR_LTR_15730 | Polyvinyl Chloride | 6 | 14.08 | 0.02 | Lateral |
| SWR_LTR_15731 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_15732 | Polyvinyl Chloride | 6 | 46.22 | 0.05 | Lateral |
| SWR_LTR_15733 | Polyvinyl Chloride | 6 | 46.21 | 0.05 | Lateral |
| SWR_LTR_15734 | Polyvinyl Chloride | 6 | 10.14 | 0.01 | Lateral |
| SWR_LTR_15735 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15736 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_15737 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15738 | Polyvinyl Chloride | 6 | 15.84 | 0.02 | Lateral |
| SWR_LTR_15739 | Polyvinyl Chloride | 6 | 11.31 | 0.01 | Lateral |
| SWR_LTR_15740 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15741 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15742 | Polyvinyl Chloride | 6 | 42.53 | 0.05 | Lateral |
| SWR_LTR_15743 | Polyvinyl Chloride | 6 | 43.00 | 0.05 | Lateral |
| SWR_LTR_15744 | Polyvinyl Chloride | 6 | 13.54 | 0.02 | Lateral |
| SWR_LTR_15745 | Polyvinyl Chloride | 6 | 13.57 | 0.02 | Lateral |
| SWR_LTR_15746 | Polyvinyl Chloride | 6 | 13.57 | 0.02 | Lateral |
| SWR_LTR_15747 | Polyvinyl Chloride | 6 | 13.63 | 0.02 | Lateral |
| SWR_LTR_15748 | Polyvinyl Chloride | 6 | 13.64 | 0.02 | Lateral |
| SWR_LTR_15749 | Polyvinyl Chloride | 6 | 13.67 | 0.02 | Lateral |
| SWR_LTR_15750 | Polyvinyl Chloride | 6 | 44.30 | 0.05 | Lateral |
| SWR_LTR_15751 | Polyvinyl Chloride | 6 | 19.46 | 0.02 | Lateral |
| SWR_LTR_15752 | Polyvinyl Chloride | 6 | 42.86 | 0.05 | Lateral |
| SWR_LTR_15753 | Polyvinyl Chloride | 6 | 19.25 | 0.02 | Lateral |
| SWR_LTR_15754 | Polyvinyl Chloride | 6 | 42.15 | 0.05 | Lateral |
| SWR_LTR_15755 | Polyvinyl Chloride | 6 | 26.01 | 0.03 | Lateral |
| SWR_LTR_15756 | Polyvinyl Chloride | 6 | 36.23 | 0.04 | Lateral |
| SWR_LTR_15757 | Polyvinyl Chloride | 6 | 31.16 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15758 | Polyvinyl Chloride | 6 | 31.16 | 0.04 | Lateral |
| SWR_LTR_15759 | Polyvinyl Chloride | 6 | 31.23 | 0.04 | Lateral |
| SWR_LTR_15760 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_15761 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_15762 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_15763 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_15764 | Polyvinyl Chloride | 6 | 30.79 | 0.03 | Lateral |
| SWR_LTR_15765 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_15766 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_15767 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_15768 | Polyvinyl Chloride | 6 | 15.16 | 0.02 | Lateral |
| SWR_LTR_15769 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_15770 | Polyvinyl Chloride | 6 | 14.96 | 0.02 | Lateral |
| SWR_LTR_15771 | Polyvinyl Chloride | 6 | 9.92 | 0.01 | Lateral |
| SWR_LTR_15772 | Polyvinyl Chloride | 6 | 46.65 | 0.05 | Lateral |
| SWR_LTR_15773 | Polyvinyl Chloride | 6 | 46.31 | 0.05 | Lateral |
| SWR_LTR_15774 | Polyvinyl Chloride | 6 | 45.67 | 0.05 | Lateral |
| SWR_LTR_15775 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15776 | Polyvinyl Chloride | 6 | 15.59 | 0.02 | Lateral |
| SWR_LTR_15777 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_15778 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_15779 | Polyvinyl Chloride | 6 | 15.65 | 0.02 | Lateral |
| SWR_LTR_15780 | Polyvinyl Chloride | 6 | 38.76 | 0.04 | Lateral |
| SWR_LTR_15781 | Polyvinyl Chloride | 6 | 39.24 | 0.04 | Lateral |
| SWR_LTR_15782 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_15783 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_15784 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_15785 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_15786 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_15787 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_15788 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_15789 | Polyvinyl Chloride | 6 | 44.54 | 0.05 | Lateral |
| SWR_LTR_15790 | Polyvinyl Chloride | 6 | 52.44 | 0.06 | Lateral |
| SWR_LTR_15791 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15792 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_15793 | Polyvinyl Chloride | 6 | 10.60 | 0.01 | Lateral |
| SWR_LTR_15794 | Polyvinyl Chloride | 6 | 14.31 | 0.02 | Lateral |
| SWR_LTR_15795 | Polyvinyl Chloride | 6 | 19.10 | 0.02 | Lateral |
| SWR_LTR_15796 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_15797 | Polyvinyl Chloride | 6 | 15.63 | 0.02 | Lateral |
| SWR_LTR_15798 | Polyvinyl Chloride | 6 | 15.62 | 0.02 | Lateral |
| SWR_LTR_15799 | Polyvinyl Chloride | 6 | 15.62 | 0.02 | Lateral |
| SWR_LTR_15800 | Polyvinyl Chloride | 6 | 15.62 | 0.02 | Lateral |
| SWR_LTR_15801 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_15802 | Polyvinyl Chloride | 6 | 41.91 | 0.05 | Lateral |
| SWR_LTR_15803 | Polyvinyl Chloride | 6 | 41.74 | 0.05 | Lateral |
| SWR_LTR_15804 | Polyvinyl Chloride | 6 | 41.41 | 0.05 | Lateral |
| SWR_LTR_15805 | Polyvinyl Chloride | 6 | 41.17 | 0.05 | Lateral |
| SWR_LTR_15806 | Polyvinyl Chloride | 6 | 40.98 | 0.05 | Lateral |
| SWR_LTR_15807 | Polyvinyl Chloride | 6 | 14.89 | 0.02 | Lateral |
| SWR_LTR_15808 | Polyvinyl Chloride | 6 | 14.54 | 0.02 | Lateral |
| SWR_LTR_15809 | Polyvinyl Chloride | 6 | 40.63 | 0.05 | Lateral |
| SWR_LTR_15810 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_15811 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_15812 | Polyvinyl Chloride | 6 | 40.65 | 0.05 | Lateral |
| SWR_LTR_15813 | Polyvinyl Chloride | 6 | 40.73 | 0.05 | Lateral |
| SWR_LTR_15814 | Polyvinyl Chloride | 6 | 40.79 | 0.05 | Lateral |
| SWR_LTR_15815 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_15816 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_15817 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15818 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_15819 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_15820 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_15821 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_15822 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_15823 | Polyvinyl Chloride | 6 | 36.18 | 0.04 | Lateral |
| SWR_LTR_15824 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_15825 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_15826 | Polyvinyl Chloride | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_15827 | Polyvinyl Chloride | 6 | 47.03 | 0.05 | Lateral |
| SWR_LTR_15828 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_15829 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |
| SWR_LTR_15830 | Polyvinyl Chloride | 6 | 3.72 | 0.004 | Lateral |
| SWR_LTR_15843 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15844 | Polyvinyl Chloride | 6 | 16.29 | 0.02 | Lateral |
| SWR_LTR_15845 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15846 | Polyvinyl Chloride | 6 | 13.32 | 0.02 | Lateral |
| SWR_LTR_15847 | Polyvinyl Chloride | 6 | 7.86 | 0.01 | Lateral |
| SWR_LTR_15848 | Polyvinyl Chloride | 6 | 11.31 | 0.01 | Lateral |
| SWR_LTR_15849 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_15850 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_15851 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_15852 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_15853 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_15854 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_15855 | Polyvinyl Chloride | 6 | 4.18 | 0.005 | Lateral |
| SWR_LTR_15856 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_15857 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_15858 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_15859 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_15860 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_15861 | Polyvinyl Chloride | 6 | 37.31 | 0.04 | Lateral |
| SWR_LTR_15862 | Polyvinyl Chloride | 6 | 6.24 | 0.01 | Lateral |
| SWR_LTR_15863 | Polyvinyl Chloride | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_15864 | Polyvinyl Chloride | 6 | 6.49 | 0.01 | Lateral |
| SWR_LTR_15865 | Polyvinyl Chloride | 6 | 7.81 | 0.01 | Lateral |
| SWR_LTR_15866 | Polyvinyl Chloride | 6 | 7.60 | 0.01 | Lateral |
| SWR_LTR_15867 | Polyvinyl Chloride | 6 | 7.48 | 0.01 | Lateral |
| SWR_LTR_15868 | Polyvinyl Chloride | 6 | 7.23 | 0.01 | Lateral |
| SWR_LTR_15869 | Polyvinyl Chloride | 6 | 6.98 | 0.01 | Lateral |
| SWR_LTR_15976 | Polyvinyl Chloride | 6 | 38.95 | 0.04 | Lateral |
| SWR_LTR_15977 | Polyvinyl Chloride | 6 | 15.53 | 0.02 | Lateral |
| SWR_LTR_15978 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_15979 | Polyvinyl Chloride | 6 | 39.47 | 0.04 | Lateral |
| SWR_LTR_15980 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_15981 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15982 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_15983 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15984 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_15985 | Polyvinyl Chloride | 6 | 9.23 | 0.01 | Lateral |
| SWR_LTR_15986 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_15987 | Polyvinyl Chloride | 6 | 44.53 | 0.05 | Lateral |
| SWR_LTR_15988 | Polyvinyl Chloride | 6 | 43.18 | 0.05 | Lateral |
| SWR_LTR_15989 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_15990 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15991 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_15992 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15993 | Polyvinyl Chloride | 6 | 9.00 | 0.01 | Lateral |
| SWR_LTR_15994 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15995 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15996 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_15997 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_15998 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15999 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_16000 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16001 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16002 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_16003 | Polyvinyl Chloride | 6 | 28.00 | 0.03 | Lateral |
| SWR_LTR_16004 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_16005 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16006 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16007 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16008 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_16009 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_16010 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16011 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16012 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16013 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16014 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16015 | Polyvinyl Chloride | 6 | 12.87 | 0.01 | Lateral |
| SWR_LTR_16016 | Polyvinyl Chloride | 6 | 11.37 | 0.01 | Lateral |
| SWR_LTR_16017 | Polyvinyl Chloride | 6 | 13.26 | 0.02 | Lateral |
| SWR_LTR_16018 | Polyvinyl Chloride | 6 | 14.49 | 0.02 | Lateral |
| SWR_LTR_16019 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_16020 | Polyvinyl Chloride | 6 | 15.38 | 0.02 | Lateral |
| SWR_LTR_16021 | Polyvinyl Chloride | 6 | 20.87 | 0.02 | Lateral |
| SWR_LTR_16022 | Polyvinyl Chloride | 6 | 10.48 | 0.01 | Lateral |
| SWR_LTR_16023 | Polyvinyl Chloride | 6 | 11.03 | 0.01 | Lateral |
| SWR_LTR_16024 | Polyvinyl Chloride | 6 | 11.37 | 0.01 | Lateral |
| SWR_LTR_16025 | Polyvinyl Chloride | 6 | 11.92 | 0.01 | Lateral |
| SWR_LTR_16026 | Polyvinyl Chloride | 6 | 12.33 | 0.01 | Lateral |
| SWR_LTR_16027 | Polyvinyl Chloride | 6 | 9.35 | 0.01 | Lateral |
| SWR_LTR_16028 | Polyvinyl Chloride | 6 | 9.33 | 0.01 | Lateral |
| SWR_LTR_16029 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_16030 | Polyvinyl Chloride | 6 | 15.81 | 0.02 | Lateral |
| SWR_LTR_16031 | Polyvinyl Chloride | 6 | 10.17 | 0.01 | Lateral |
| SWR_LTR_16032 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16033 | Polyvinyl Chloride | 6 | 42.02 | 0.05 | Lateral |
| SWR_LTR_16034 | Polyvinyl Chloride | 6 | 31.33 | 0.04 | Lateral |
| SWR_LTR_16035 | Polyvinyl Chloride | 6 | 29.90 | 0.03 | Lateral |
| SWR_LTR_16040 | Polyvinyl Chloride | 6 | 15.27 | 0.02 | Lateral |
| SWR_LTR_16041 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_16042 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_16043 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_16044 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_16045 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_16046 | Polyvinyl Chloride | 6 | 39.49 | 0.04 | Lateral |
| SWR_LTR_16047 | Polyvinyl Chloride | 6 | 44.14 | 0.05 | Lateral |
| SWR_LTR_16067 | Polyvinyl Chloride | 6 | 8.85 | 0.01 | Lateral |
| SWR_LTR_16068 | Polyvinyl Chloride | 6 | 8.94 | 0.01 | Lateral |
| SWR_LTR_16069 | Polyvinyl Chloride | 6 | 9.07 | 0.01 | Lateral |
| SWR_LTR_16070 | Polyvinyl Chloride | 6 | 15.31 | 0.02 | Lateral |
| SWR_LTR_16071 | Polyvinyl Chloride | 6 | 11.13 | 0.01 | Lateral |
| SWR_LTR_16072 | Polyvinyl Chloride | 6 | 11.50 | 0.01 | Lateral |
| SWR_LTR_16073 | Polyvinyl Chloride | 6 | 10.29 | 0.01 | Lateral |
| SWR_LTR_16074 | Polyvinyl Chloride | 6 | 10.67 | 0.01 | Lateral |
| SWR_LTR_16075 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16076 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_16077 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16078 | Polyvinyl Chloride | 6 | 101.05 | 0.11 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16079 | Polyvinyl Chloride | 6 | 26.00 | 0.03 | Lateral |
| SWR_LTR_16080 | Polyvinyl Chloride | 6 | 38.94 | 0.04 | Lateral |
| SWR_LTR_16081 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_16082 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_16083 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_16084 | Polyvinyl Chloride | 6 | 51.22 | 0.06 | Lateral |
| SWR_LTR_16085 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_16086 | Polyvinyl Chloride | 6 | 31.01 | 0.04 | Lateral |
| SWR_LTR_16087 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_16088 | Polyvinyl Chloride | 6 | 28.22 | 0.03 | Lateral |
| SWR_LTR_16089 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_16090 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_16091 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_16092 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_16093 | Polyvinyl Chloride | 6 | 6.27 | 0.01 | Lateral |
| SWR_LTR_16094 | Polyvinyl Chloride | 6 | 5.52 | 0.01 | Lateral |
| SWR_LTR_16095 | Polyvinyl Chloride | 6 | 8.16 | 0.01 | Lateral |
| SWR_LTR_16096 | Polyvinyl Chloride | 6 | 10.06 | 0.01 | Lateral |
| SWR_LTR_16097 | Polyvinyl Chloride | 6 | 12.11 | 0.01 | Lateral |
| SWR_LTR_16098 | Polyvinyl Chloride | 6 | 14.11 | 0.02 | Lateral |
| SWR_LTR_16099 | Polyvinyl Chloride | 6 | 46.18 | 0.05 | Lateral |
| SWR_LTR_16100 | Polyvinyl Chloride | 6 | 45.59 | 0.05 | Lateral |
| SWR_LTR_16101 | Polyvinyl Chloride | 6 | 47.93 | 0.05 | Lateral |
| SWR_LTR_16102 | Polyvinyl Chloride | 6 | 49.07 | 0.06 | Lateral |
| SWR_LTR_16103 | Polyvinyl Chloride | 6 | 46.76 | 0.05 | Lateral |
| SWR_LTR_16104 | Polyvinyl Chloride | 6 | 54.02 | 0.06 | Lateral |
| SWR_LTR_16105 | Polyvinyl Chloride | 6 | 19.20 | 0.02 | Lateral |
| SWR_LTR_16106 | Polyvinyl Chloride | 6 | 19.23 | 0.02 | Lateral |
| SWR_LTR_16107 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_16108 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_16109 | Polyvinyl Chloride | 6 | 19.23 | 0.02 | Lateral |
| SWR_LTR_16110 | Polyvinyl Chloride | 6 | 19.82 | 0.02 | Lateral |
| SWR_LTR_16111 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_16112 | Polyvinyl Chloride | 6 | 11.37 | 0.01 | Lateral |
| SWR_LTR_16113 | Polyvinyl Chloride | 6 | 19.33 | 0.02 | Lateral |
| SWR_LTR_16114 | Polyvinyl Chloride | 6 | 19.61 | 0.02 | Lateral |
| SWR_LTR_16115 | Polyvinyl Chloride | 6 | 12.88 | 0.01 | Lateral |
| SWR_LTR_16116 | Polyvinyl Chloride | 6 | 13.63 | 0.02 | Lateral |
| SWR_LTR_16117 | Polyvinyl Chloride | 6 | 15.50 | 0.02 | Lateral |
| SWR_LTR_16118 | Polyvinyl Chloride | 6 | 15.39 | 0.02 | Lateral |
| SWR_LTR_16119 | Polyvinyl Chloride | 6 | 3.73 | 0.004 | Lateral |
| SWR_LTR_16120 | Polyvinyl Chloride | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_16145 | Polyvinyl Chloride | 6 | 4.26 | 0.005 | Lateral |
| SWR_LTR_16146 | Polyvinyl Chloride | 6 | 14.58 | 0.02 | Lateral |
| SWR_LTR_16147 | Polyvinyl Chloride | 6 | 17.23 | 0.02 | Lateral |
| SWR_LTR_16148 | Polyvinyl Chloride | 6 | 15.51 | 0.02 | Lateral |
| SWR_LTR_16149 | Polyvinyl Chloride | 6 | 16.54 | 0.02 | Lateral |
| SWR_LTR_16150 | Polyvinyl Chloride | 6 | 17.11 | 0.02 | Lateral |
| SWR_LTR_16168 | Polyvinyl Chloride | 6 | 20.03 | 0.02 | Lateral |
| SWR_LTR_16169 | Polyvinyl Chloride | 6 | 26.00 | 0.03 | Lateral |
| SWR_LTR_16198 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_16199 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16200 | Polyvinyl Chloride | 6 | 12.11 | 0.01 | Lateral |
| SWR_LTR_16201 | Polyvinyl Chloride | 6 | 12.28 | 0.01 | Lateral |
| SWR_LTR_16202 | Polyvinyl Chloride | 6 | 15.95 | 0.02 | Lateral |
| SWR_LTR_16203 | Polyvinyl Chloride | 6 | 58.01 | 0.07 | Lateral |
| SWR_LTR_16205 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_16206 | Polyvinyl Chloride | 6 | 5.64 | 0.01 | Lateral |
| SWR_LTR_16207 | Polyvinyl Chloride | 6 | 6.55 | 0.01 | Lateral |
| SWR_LTR_16208 | Polyvinyl Chloride | 6 | 6.74 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16209 | Polyvinyl Chloride | 6 | 6.92 | 0.01 | Lateral |
| SWR_LTR_16210 | Polyvinyl Chloride | 6 | 7.07 | 0.01 | Lateral |
| SWR_LTR_16211 | Polyvinyl Chloride | 6 | 7.32 | 0.01 | Lateral |
| SWR_LTR_16212 | Polyvinyl Chloride | 6 | 7.44 | 0.01 | Lateral |
| SWR_LTR_16213 | Polyvinyl Chloride | 6 | 5.03 | 0.01 | Lateral |
| SWR_LTR_16214 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_16215 | Polyvinyl Chloride | 6 | 5.34 | 0.01 | Lateral |
| SWR_LTR_16216 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_16217 | Polyvinyl Chloride | 6 | 5.63 | 0.01 | Lateral |
| SWR_LTR_16218 | Polyvinyl Chloride | 6 | 5.76 | 0.01 | Lateral |
| SWR_LTR_16219 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16220 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_16221 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_16222 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_16223 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_16224 | Polyvinyl Chloride | 6 | 10.49 | 0.01 | Lateral |
| SWR_LTR_16234 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16235 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16236 | Polyvinyl Chloride | 6 | 13.91 | 0.02 | Lateral |
| SWR_LTR_16237 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_16238 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_16239 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16240 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16241 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_16242 | Polyvinyl Chloride | 6 | 42.73 | 0.05 | Lateral |
| SWR_LTR_16243 | Polyvinyl Chloride | 6 | 39.49 | 0.04 | Lateral |
| SWR_LTR_16244 | Polyvinyl Chloride | 6 | 50.38 | 0.06 | Lateral |
| SWR_LTR_16245 | Polyvinyl Chloride | 6 | 40.25 | 0.05 | Lateral |
| SWR_LTR_16246 | Polyvinyl Chloride | 6 | 32.79 | 0.04 | Lateral |
| SWR_LTR_16247 | Polyvinyl Chloride | 6 | 42.44 | 0.05 | Lateral |
| SWR_LTR_16248 | Polyvinyl Chloride | 6 | 42.28 | 0.05 | Lateral |
| SWR_LTR_16249 | Polyvinyl Chloride | 6 | 42.01 | 0.05 | Lateral |
| SWR_LTR_16250 | Polyvinyl Chloride | 6 | 41.76 | 0.05 | Lateral |
| SWR_LTR_16251 | Polyvinyl Chloride | 6 | 36.44 | 0.04 | Lateral |
| SWR_LTR_16252 | Polyvinyl Chloride | 6 | 44.66 | 0.05 | Lateral |
| SWR_LTR_16253 | Polyvinyl Chloride | 6 | 34.50 | 0.04 | Lateral |
| SWR_LTR_16254 | Polyvinyl Chloride | 6 | 34.50 | 0.04 | Lateral |
| SWR_LTR_16255 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_16256 | Polyvinyl Chloride | 6 | 4.16 | 0.005 | Lateral |
| SWR_LTR_16257 | Polyvinyl Chloride | 6 | 4.24 | 0.005 | Lateral |
| SWR_LTR_16258 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16259 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_16260 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16261 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16262 | Polyvinyl Chloride | 8 | 15.23 | 0.02 | Lateral |
| SWR_LTR_16263 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16264 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16265 | Polyvinyl Chloride | 6 | 15.76 | 0.02 | Lateral |
| SWR_LTR_16266 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16267 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16268 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16269 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16270 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_16271 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_16272 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_16273 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_16274 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_16275 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_16276 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_16277 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16278 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_16279 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_16280 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_16281 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_16282 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_16283 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_16284 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16288 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_16289 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_16290 | Polyvinyl Chloride | 6 | 9.34 | 0.01 | Lateral |
| SWR_LTR_16291 | Polyvinyl Chloride | 6 | 9.31 | 0.01 | Lateral |
| SWR_LTR_16292 | Polyvinyl Chloride | 6 | 9.49 | 0.01 | Lateral |
| SWR_LTR_16293 | Polyvinyl Chloride | 6 | 10.50 | 0.01 | Lateral |
| SWR_LTR_16294 | Polyvinyl Chloride | 6 | 13.88 | 0.02 | Lateral |
| SWR_LTR_16295 | Polyvinyl Chloride | 6 | 14.12 | 0.02 | Lateral |
| SWR_LTR_16296 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16297 | Polyvinyl Chloride | 6 | 15.73 | 0.02 | Lateral |
| SWR_LTR_16298 | Polyvinyl Chloride | 6 | 16.06 | 0.02 | Lateral |
| SWR_LTR_16299 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16300 | Polyvinyl Chloride | 6 | 15.84 | 0.02 | Lateral |
| SWR_LTR_16301 | Polyvinyl Chloride | 6 | 15.47 | 0.02 | Lateral |
| SWR_LTR_16302 | Polyvinyl Chloride | 6 | 15.64 | 0.02 | Lateral |
| SWR_LTR_16303 | Polyvinyl Chloride | 6 | 15.41 | 0.02 | Lateral |
| SWR_LTR_16304 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_16305 | Polyvinyl Chloride | 6 | 10.09 | 0.01 | Lateral |
| SWR_LTR_16306 | Polyvinyl Chloride | 6 | 15.63 | 0.02 | Lateral |
| SWR_LTR_16307 | Polyvinyl Chloride | 6 | 14.87 | 0.02 | Lateral |
| SWR_LTR_16308 | Polyvinyl Chloride | 6 | 18.91 | 0.02 | Lateral |
| SWR_LTR_16309 | Polyvinyl Chloride | 6 | 18.78 | 0.02 | Lateral |
| SWR_LTR_16310 | Polyvinyl Chloride | 6 | 41.72 | 0.05 | Lateral |
| SWR_LTR_16311 | Polyvinyl Chloride | 6 | 41.24 | 0.05 | Lateral |
| SWR_LTR_16312 | Polyvinyl Chloride | 6 | 18.45 | 0.02 | Lateral |
| SWR_LTR_16313 | Polyvinyl Chloride | 6 | 18.58 | 0.02 | Lateral |
| SWR_LTR_16333 | Polyvinyl Chloride | 6 | 10.58 | 0.01 | Lateral |
| SWR_LTR_16334 | Polyvinyl Chloride | 6 | 15.11 | 0.02 | Lateral |
| SWR_LTR_16335 | Polyvinyl Chloride | 6 | 15.54 | 0.02 | Lateral |
| SWR_LTR_16336 | Polyvinyl Chloride | 6 | 14.84 | 0.02 | Lateral |
| SWR_LTR_16337 | Polyvinyl Chloride | 6 | 10.54 | 0.01 | Lateral |
| SWR_LTR_16338 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_16339 | Polyvinyl Chloride | 6 | 14.71 | 0.02 | Lateral |
| SWR_LTR_16369 | Polyvinyl Chloride | 6 | 6.49 | 0.01 | Lateral |
| SWR_LTR_16384 | Polyvinyl Chloride | 6 | 7.51 | 0.01 | Lateral |
| SWR_LTR_16385 | Polyvinyl Chloride | 6 | 12.49 | 0.01 | Lateral |
| SWR_LTR_16440 | Polyvinyl Chloride | 6 | 44.84 | 0.05 | Lateral |
| SWR_LTR_16441 | Polyvinyl Chloride | 6 | 48.93 | 0.06 | Lateral |
| SWR_LTR_16442 | Polyvinyl Chloride | 6 | 48.35 | 0.05 | Lateral |
| SWR_LTR_16443 | Polyvinyl Chloride | 6 | 18.44 | 0.02 | Lateral |
| SWR_LTR_16444 | Polyvinyl Chloride | 6 | 39.44 | 0.04 | Lateral |
| SWR_LTR_16445 | Polyvinyl Chloride | 6 | 38.85 | 0.04 | Lateral |
| SWR_LTR_16446 | Polyvinyl Chloride | 6 | 38.42 | 0.04 | Lateral |
| SWR_LTR_16447 | Polyvinyl Chloride | 6 | 37.55 | 0.04 | Lateral |
| SWR_LTR_16448 | Polyvinyl Chloride | 6 | 37.99 | 0.04 | Lateral |
| SWR_LTR_16449 | Polyvinyl Chloride | 6 | 37.14 | 0.04 | Lateral |
| SWR_LTR_16450 | Polyvinyl Chloride | 6 | 19.30 | 0.02 | Lateral |
| SWR_LTR_16451 | Polyvinyl Chloride | 6 | 18.87 | 0.02 | Lateral |
| SWR_LTR_16452 | Polyvinyl Chloride | 6 | 18.50 | 0.02 | Lateral |
| SWR_LTR_16464 | Polyvinyl Chloride | 6 | 9.49 | 0.01 | Lateral |
| SWR_LTR_16465 | Polyvinyl Chloride | 6 | 12.05 | 0.01 | Lateral |
| SWR_LTR_16466 | Polyvinyl Chloride | 6 | 16.01 | 0.02 | Lateral |
| SWR_LTR_16467 | Polyvinyl Chloride | 6 | 14.73 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16468 | Polyvinyl Chloride | 6 | 10.55 | 0.01 | Lateral |
| SWR_LTR_16469 | Polyvinyl Chloride | 6 | 10.50 | 0.01 | Lateral |
| SWR_LTR_16470 | Polyvinyl Chloride | 6 | 15.80 | 0.02 | Lateral |
| SWR_LTR_16471 | Polyvinyl Chloride | 6 | 10.82 | 0.01 | Lateral |
| SWR_LTR_16472 | Polyvinyl Chloride | 6 | 14.06 | 0.02 | Lateral |
| SWR_LTR_16473 | Polyvinyl Chloride | 6 | 10.40 | 0.01 | Lateral |
| SWR_LTR_16474 | Polyvinyl Chloride | 6 | 10.36 | 0.01 | Lateral |
| SWR_LTR_16475 | Polyvinyl Chloride | 6 | 10.37 | 0.01 | Lateral |
| SWR_LTR_16476 | Polyvinyl Chloride | 6 | 10.40 | 0.01 | Lateral |
| SWR_LTR_16477 | Polyvinyl Chloride | 6 | 10.42 | 0.01 | Lateral |
| SWR_LTR_16478 | Polyvinyl Chloride | 6 | 10.40 | 0.01 | Lateral |
| SWR_LTR_16479 | Polyvinyl Chloride | 6 | 8.71 | 0.01 | Lateral |
| SWR_LTR_16480 | Polyvinyl Chloride | 6 | 8.44 | 0.01 | Lateral |
| SWR_LTR_16481 | Polyvinyl Chloride | 6 | 8.10 | 0.01 | Lateral |
| SWR_LTR_16482 | Polyvinyl Chloride | 6 | 7.80 | 0.01 | Lateral |
| SWR_LTR_16483 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_16484 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_16485 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_16486 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_16487 | Polyvinyl Chloride | 6 | 43.72 | 0.05 | Lateral |
| SWR_LTR_16488 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16743 | Polyvinyl Chloride | 6 | 7.68 | 0.01 | Lateral |
| SWR_LTR_16759 | Polyvinyl Chloride | 6 | 14.93 | 0.02 | Lateral |
| SWR_LTR_16760 | Polyvinyl Chloride | 6 | 15.25 | 0.02 | Lateral |
| SWR_LTR_16761 | Polyvinyl Chloride | 6 | 15.50 | 0.02 | Lateral |
| SWR_LTR_16762 | Polyvinyl Chloride | 6 | 9.25 | 0.01 | Lateral |
| SWR_LTR_16763 | Polyvinyl Chloride | 6 | 5.06 | 0.01 | Lateral |
| SWR_LTR_16764 | Polyvinyl Chloride | 6 | 5.15 | 0.01 | Lateral |
| SWR_LTR_16765 | Polyvinyl Chloride | 6 | 37.28 | 0.04 | Lateral |
| SWR_LTR_16766 | Polyvinyl Chloride | 6 | 33.54 | 0.04 | Lateral |
| SWR_LTR_16767 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_16768 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_16769 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_16770 | Polyvinyl Chloride | 6 | 31.17 | 0.04 | Lateral |
| SWR_LTR_16771 | Polyvinyl Chloride | 6 | 31.17 | 0.04 | Lateral |
| SWR_LTR_16772 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_16773 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_16774 | Polyvinyl Chloride | 6 | 26.54 | 0.03 | Lateral |
| SWR_LTR_16775 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16776 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_16777 | Polyvinyl Chloride | 6 | 16.69 | 0.02 | Lateral |
| SWR_LTR_16778 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_16779 | Polyvinyl Chloride | 6 | 15.71 | 0.02 | Lateral |
| SWR_LTR_16780 | Polyvinyl Chloride | 6 | 40.80 | 0.05 | Lateral |
| SWR_LTR_16781 | Polyvinyl Chloride | 6 | 41.27 | 0.05 | Lateral |
| SWR_LTR_16782 | Polyvinyl Chloride | 6 | 41.66 | 0.05 | Lateral |
| SWR_LTR_16783 | Polyvinyl Chloride | 6 | 42.15 | 0.05 | Lateral |
| SWR_LTR_16784 | Polyvinyl Chloride | 6 | 44.25 | 0.05 | Lateral |
| SWR_LTR_16785 | Polyvinyl Chloride | 6 | 13.85 | 0.02 | Lateral |
| SWR_LTR_16786 | Polyvinyl Chloride | 6 | 13.91 | 0.02 | Lateral |
| SWR_LTR_16787 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16788 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_16789 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_16790 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_16791 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_16792 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_16793 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16794 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_16795 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16830 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16831 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16832 | Polyvinyl Chloride | 6 | 15.35 | 0.02 | Lateral |
| SWR_LTR_16833 | Polyvinyl Chloride | 6 | 15.41 | 0.02 | Lateral |
| SWR_LTR_16834 | Polyvinyl Chloride | 6 | 15.50 | 0.02 | Lateral |
| SWR_LTR_16835 | Polyvinyl Chloride | 6 | 15.52 | 0.02 | Lateral |
| SWR_LTR_16836 | Polyvinyl Chloride | 6 | 38.40 | 0.04 | Lateral |
| SWR_LTR_16837 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_16838 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_16839 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_16840 | Polyvinyl Chloride | 6 | 41.09 | 0.05 | Lateral |
| SWR_LTR_16841 | Polyvinyl Chloride | 6 | 42.09 | 0.05 | Lateral |
| SWR_LTR_16842 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_16843 | Polyvinyl Chloride | 6 | 45.44 | 0.05 | Lateral |
| SWR_LTR_16844 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_16845 | Polyvinyl Chloride | 6 | 39.11 | 0.04 | Lateral |
| SWR_LTR_16846 | Polyvinyl Chloride | 6 | 38.96 | 0.04 | Lateral |
| SWR_LTR_16847 | Polyvinyl Chloride | 6 | 38.89 | 0.04 | Lateral |
| SWR_LTR_16878 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_16879 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_16880 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_16881 | Polyvinyl Chloride | 6 | 20.14 | 0.02 | Lateral |
| SWR_LTR_16882 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_16883 | Polyvinyl Chloride | 6 | 15.72 | 0.02 | Lateral |
| SWR_LTR_16884 | Polyvinyl Chloride | 6 | 15.48 | 0.02 | Lateral |
| SWR_LTR_16885 | Polyvinyl Chloride | 6 | 14.96 | 0.02 | Lateral |
| SWR_LTR_16886 | Polyvinyl Chloride | 6 | 15.43 | 0.02 | Lateral |
| SWR_LTR_16887 | Polyvinyl Chloride | 6 | 16.80 | 0.02 | Lateral |
| SWR_LTR_16888 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_16889 | Polyvinyl Chloride | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_16890 | Polyvinyl Chloride | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_16891 | Polyvinyl Chloride | 6 | 7.69 | 0.01 | Lateral |
| SWR_LTR_16892 | Polyvinyl Chloride | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_16893 | Polyvinyl Chloride | 6 | 7.67 | 0.01 | Lateral |
| SWR_LTR_16894 | Polyvinyl Chloride | 6 | 7.69 | 0.01 | Lateral |
| SWR_LTR_16895 | Polyvinyl Chloride | 6 | 7.69 | 0.01 | Lateral |
| SWR_LTR_16896 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_16897 | Polyvinyl Chloride | 6 | 21.50 | 0.02 | Lateral |
| SWR_LTR_16899 | Polyvinyl Chloride | 6 | 11.09 | 0.01 | Lateral |
| SWR_LTR_16900 | Polyvinyl Chloride | 6 | 11.38 | 0.01 | Lateral |
| SWR_LTR_16901 | Polyvinyl Chloride | 6 | 11.74 | 0.01 | Lateral |
| SWR_LTR_16902 | Polyvinyl Chloride | 6 | 12.16 | 0.01 | Lateral |
| SWR_LTR_16903 | Polyvinyl Chloride | 6 | 12.45 | 0.01 | Lateral |
| SWR_LTR_16904 | Polyvinyl Chloride | 6 | 12.84 | 0.01 | Lateral |
| SWR_LTR_16905 | Polyvinyl Chloride | 6 | 16.77 | 0.02 | Lateral |
| SWR_LTR_16906 | Polyvinyl Chloride | 6 | 16.69 | 0.02 | Lateral |
| SWR_LTR_16907 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_16908 | Polyvinyl Chloride | 6 | 16.63 | 0.02 | Lateral |
| SWR_LTR_16909 | Polyvinyl Chloride | 6 | 16.62 | 0.02 | Lateral |
| SWR_LTR_16910 | Polyvinyl Chloride | 6 | 16.54 | 0.02 | Lateral |
| SWR_LTR_16911 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16912 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_16913 | Polyvinyl Chloride | 6 | 29.99 | 0.03 | Lateral |
| SWR_LTR_16914 | Polyvinyl Chloride | 6 | 28.76 | 0.03 | Lateral |
| SWR_LTR_16915 | Polyvinyl Chloride | 6 | 39.83 | 0.05 | Lateral |
| SWR_LTR_16916 | Polyvinyl Chloride | 6 | 7.58 | 0.01 | Lateral |
| SWR_LTR_16917 | Polyvinyl Chloride | 6 | 8.25 | 0.01 | Lateral |
| SWR_LTR_16918 | Polyvinyl Chloride | 6 | 7.34 | 0.01 | Lateral |
| SWR_LTR_16919 | Polyvinyl Chloride | 6 | 7.23 | 0.01 | Lateral |
| SWR_LTR_16920 | Polyvinyl Chloride | 6 | 7.12 | 0.01 | Lateral |
| SWR_LTR_16921 | Polyvinyl Chloride | 6 | 6.94 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16922 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_16923 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_16924 | Polyvinyl Chloride | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_16925 | Polyvinyl Chloride | 6 | 6.17 | 0.01 | Lateral |
| SWR_LTR_16926 | Polyvinyl Chloride | 6 | 6.17 | 0.01 | Lateral |
| SWR_LTR_16927 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_16928 | Polyvinyl Chloride | 6 | 21.08 | 0.02 | Lateral |
| SWR_LTR_16929 | Polyvinyl Chloride | 6 | 21.04 | 0.02 | Lateral |
| SWR_LTR_16930 | Polyvinyl Chloride | 6 | 20.80 | 0.02 | Lateral |
| SWR_LTR_16931 | Polyvinyl Chloride | 6 | 20.82 | 0.02 | Lateral |
| SWR_LTR_16932 | Polyvinyl Chloride | 6 | 20.50 | 0.02 | Lateral |
| SWR_LTR_16933 | Polyvinyl Chloride | 6 | 20.61 | 0.02 | Lateral |
| SWR_LTR_16934 | Polyvinyl Chloride | 6 | 20.41 | 0.02 | Lateral |
| SWR_LTR_16935 | Polyvinyl Chloride | 6 | 20.29 | 0.02 | Lateral |
| SWR_LTR_16936 | Polyvinyl Chloride | 6 | 9.90 | 0.01 | Lateral |
| SWR_LTR_16937 | Polyvinyl Chloride | 6 | 11.42 | 0.01 | Lateral |
| SWR_LTR_16938 | Polyvinyl Chloride | 6 | 12.67 | 0.01 | Lateral |
| SWR_LTR_16939 | Polyvinyl Chloride | 6 | 14.17 | 0.02 | Lateral |
| SWR_LTR_16940 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16941 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16942 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16943 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16944 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_16945 | Polyvinyl Chloride | 6 | 15.04 | 0.02 | Lateral |
| SWR_LTR_16946 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16947 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16948 | Polyvinyl Chloride | 6 | 14.68 | 0.02 | Lateral |
| SWR_LTR_16949 | Polyvinyl Chloride | 6 | 14.56 | 0.02 | Lateral |
| SWR_LTR_16950 | Polyvinyl Chloride | 6 | 10.34 | 0.01 | Lateral |
| SWR_LTR_16951 | Polyvinyl Chloride | 6 | 14.49 | 0.02 | Lateral |
| SWR_LTR_16952 | Polyvinyl Chloride | 6 | 14.32 | 0.02 | Lateral |
| SWR_LTR_16953 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_16954 | Polyvinyl Chloride | 6 | 10.08 | 0.01 | Lateral |
| SWR_LTR_16955 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_16956 | Polyvinyl Chloride | 6 | 12.66 | 0.01 | Lateral |
| SWR_LTR_16957 | Polyvinyl Chloride | 6 | 12.70 | 0.01 | Lateral |
| SWR_LTR_16958 | Polyvinyl Chloride | 6 | 12.66 | 0.01 | Lateral |
| SWR_LTR_16959 | Polyvinyl Chloride | 6 | 12.66 | 0.01 | Lateral |
| SWR_LTR_16960 | Polyvinyl Chloride | 6 | 12.68 | 0.01 | Lateral |
| SWR_LTR_16961 | Polyvinyl Chloride | 6 | 12.68 | 0.01 | Lateral |
| SWR_LTR_16962 | Polyvinyl Chloride | 6 | 12.68 | 0.01 | Lateral |
| SWR_LTR_16963 | Polyvinyl Chloride | 6 | 12.70 | 0.01 | Lateral |
| SWR_LTR_16964 | Polyvinyl Chloride | 6 | 12.68 | 0.01 | Lateral |
| SWR_LTR_16965 | Polyvinyl Chloride | 6 | 12.67 | 0.01 | Lateral |
| SWR_LTR_16966 | Polyvinyl Chloride | 6 | 12.68 | 0.01 | Lateral |
| SWR_LTR_16967 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_16968 | Polyvinyl Chloride | 6 | 10.44 | 0.01 | Lateral |
| SWR_LTR_16969 | Polyvinyl Chloride | 6 | 15.25 | 0.02 | Lateral |
| SWR_LTR_16970 | Polyvinyl Chloride | 6 | 3.90 | 0.004 | Lateral |
| SWR_LTR_16971 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16972 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_16973 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16974 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16975 | Polyvinyl Chloride | 6 | 15.03 | 0.02 | Lateral |
| SWR_LTR_16976 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16977 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16978 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_18434 | Polyvinyl Chloride | 6 | 26.78 | 0.03 | Lateral |
| SWR_LTR_18435 | Polyvinyl Chloride | 6 | 15.40 | 0.02 | Lateral |
| SWR_LTR_18436 | Polyvinyl Chloride | 6 | 25.01 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18437 | Polyvinyl Chloride | 6 | 28.17 | 0.03 | Lateral |
| SWR_LTR_18438 | Polyvinyl Chloride | 6 | 18.97 | 0.02 | Lateral |
| SWR_LTR_18439 | Polyvinyl Chloride | 6 | 22.53 | 0.03 | Lateral |
| SWR_LTR_18440 | Polyvinyl Chloride | 6 | 15.86 | 0.02 | Lateral |
| SWR_LTR_18441 | Polyvinyl Chloride | 6 | 15.92 | 0.02 | Lateral |
| SWR_LTR_18442 | Polyvinyl Chloride | 6 | 17.58 | 0.02 | Lateral |
| SWR_LTR_18443 | Polyvinyl Chloride | 6 | 27.66 | 0.03 | Lateral |
| SWR_LTR_18444 | Polyvinyl Chloride | 6 | 22.07 | 0.03 | Lateral |
| SWR_LTR_18445 | Polyvinyl Chloride | 6 | 57.97 | 0.07 | Lateral |
| SWR_LTR_18446 | Polyvinyl Chloride | 6 | 51.44 | 0.06 | Lateral |
| SWR_LTR_18447 | Polyvinyl Chloride | 6 | 23.51 | 0.03 | Lateral |
| SWR_LTR_18448 | Polyvinyl Chloride | 6 | 14.93 | 0.02 | Lateral |
| SWR_LTR_18449 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_18450 | Polyvinyl Chloride | 6 | 15.91 | 0.02 | Lateral |
| SWR_LTR_18451 | Polyvinyl Chloride | 6 | 23.86 | 0.03 | Lateral |
| SWR_LTR_18452 | Polyvinyl Chloride | 6 | 14.70 | 0.02 | Lateral |
| SWR_LTR_18453 | Polyvinyl Chloride | 6 | 24.54 | 0.03 | Lateral |
| SWR_LTR_18454 | Polyvinyl Chloride | 6 | 16.06 | 0.02 | Lateral |
| SWR_LTR_18455 | Polyvinyl Chloride | 6 | 14.85 | 0.02 | Lateral |
| SWR_LTR_18456 | Polyvinyl Chloride | 6 | 24.03 | 0.03 | Lateral |
| SWR_LTR_18457 | Polyvinyl Chloride | 6 | 24.08 | 0.03 | Lateral |
| SWR_LTR_18458 | Polyvinyl Chloride | 6 | 15.30 | 0.02 | Lateral |
| SWR_LTR_2118 | Concrete (Non-Reinforced) | 8 | 20.01 | 0.03 | Lateral |
| SWR_LTR_2119 | Concrete (Non-Reinforced) | 8 | 20.01 | 0.03 | Lateral |
| SWR_LTR_2412 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_2413 | Polyvinyl Chloride | 6 | 6.23 | 0.01 | Lateral |
| SWR_LTR_3284 | Polyvinyl Chloride | 6 | 7.42 | 0.01 | Lateral |
| SWR_LTR_3309 | Polyvinyl Chloride | 6 | 15.60 | 0.02 | Lateral |
| SWR_LTR_3311 | Polyvinyl Chloride | 6 | 16.01 | 0.02 | Lateral |
| SWR_LTR_3313 | Polyvinyl Chloride | 6 | 13.72 | 0.02 | Lateral |
| SWR_LTR_3315 | Polyvinyl Chloride | 6 | 48.49 | 0.06 | Lateral |
| SWR_LTR_3317 | Polyvinyl Chloride | 6 | 15.74 | 0.02 | Lateral |
| SWR_LTR_3319 | Polyvinyl Chloride | 6 | 10.51 | 0.01 | Lateral |
| SWR_LTR_3321 | Polyvinyl Chloride | 6 | 3.30 | 0.004 | Lateral |
| SWR_LTR_3323 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_3326 | Polyvinyl Chloride | 6 | 20.33 | 0.02 | Lateral |
| SWR_LTR_3329 | Polyvinyl Chloride | 6 | 41.21 | 0.05 | Lateral |
| SWR_LTR_3333 | Polyvinyl Chloride | 6 | 13.99 | 0.02 | Lateral |
| SWR_LTR_3336 | Polyvinyl Chloride | 6 | 26.00 | 0.03 | Lateral |
| SWR_LTR_3339 | Polyvinyl Chloride | 6 | 31.13 | 0.04 | Lateral |
| SWR_LTR_3342 | Polyvinyl Chloride | 6 | 27.30 | 0.03 | Lateral |
| SWR_LTR_3345 | Polyvinyl Chloride | 6 | 58.73 | 0.07 | Lateral |
| SWR_LTR_3350 | Polyvinyl Chloride | 6 | 33.69 | 0.04 | Lateral |
| SWR_LTR_3354 | Polyvinyl Chloride | 6 | 44.69 | 0.05 | Lateral |
| SWR_LTR_4841 | Polyvinyl Chloride | 8 | 3.02 | 0.005 | Lateral |
| SWR_LTR_4940 | Terra Cotta | 8 | 59.05 | 0.09 | Lateral |
| SWR_LTR_4942 | Terra Cotta | 6 | 106.95 | 0.12 | Lateral |
| SWR_LTR_550 | Concrete (Non-Reinforced) | 8 | 8.89 | 0.01 | Lateral |
| SWR_SPH_1024 | Cast Iron | 8 | 2.13 | 0.003 | Siphon |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_2900 | Terra Cotta | 8 | 233.86 | 0.35 | Main |
| SWR_GRV_2903 | Terra Cotta | 8 | 201.07 | 0.30 | Main |
| SWR_GRV_4550 | Terra Cotta | 8 | 148.01 | 0.22 | Main |
| SWR_GRV_4553 | Terra Cotta | 8 | 84.87 | 0.13 | Main |
| SWR_GRV_4556 | Terra Cotta | 8 | 216.14 | 0.33 | Main |
| SWR_GRV_5171 | Terra Cotta | 8 | 143.03 | 0.22 | Main |
| SWR_GRV_5173 | Terra Cotta | 8 | 121.11 | 0.18 | Main |
| SWR_GRV_5175 | Terra Cotta | 8 | 134.90 | 0.20 | Main |
| SWR_GRV_5179 | Terra Cotta | 8 | 372.84 | 0.56 | Main |
| SWR_GRV_5181 | Terra Cotta | 8 | 335.61 | 0.51 | Main |
| SWR_GRV_5185 | Terra Cotta | 8 | 192.62 | 0.29 | Main |
| SWR_GRV_5187 | Terra Cotta | 8 | 205.71 | 0.31 | Main |
| SWR_GRV_5189 | Terra Cotta | 8 | 135.44 | 0.21 | Main |
| SWR_GRV_5191 | Terra Cotta | 8 | 126.58 | 0.19 | Main |
| SWR_GRV_5193 | Terra Cotta | 8 | 122.55 | 0.19 | Main |
| SWR_GRV_551 | Concrete (Non-Reinforced) | 12 | 32.04 | 0.07 | Main |
| SWR_GRV_8898 | Other | 8 | 126.64 | 0.19 | Main |
| SWR_GRV_8900 | Other | 8 | 122.43 | 0.19 | Main |
| SWR_GRV_8904 | Other | 8 | 172.54 | 0.26 | Main |
| SWR_GRV_8906 | Other | 8 | 47.44 | 0.07 | Main |
| SWR_GRV_8912 | Other | 8 | 200.93 | 0.30 | Main |
| SWR_GRV_9635 | Other | 8 | 126.64 | 0.19 | Main |
| SWR_GRV_9637 | Other | 8 | 122.43 | 0.19 | Main |
| SWR_GRV_9649 | Other | 8 | 200.93 | 0.30 | Main |
| SWR_LTR_1056 | Concrete (Non-Reinforced) | 8 | 33.25 | 0.05 | Lateral |
| SWR_LTR_13219 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_13220 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_15514 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_16340 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_16341 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_16342 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_16343 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_16344 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_16345 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_16346 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_16347 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_16348 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_16349 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16350 | Polyvinyl Chloride | 6 | 10.24 | 0.01 | Lateral |
| SWR_LTR_16351 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16352 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_16353 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_16354 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_16373 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_16374 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16375 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_16376 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16377 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_16378 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_16379 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_16380 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_16381 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_16382 | Polyvinyl Chloride | 6 | 47.19 | 0.05 | Lateral |
| SWR_LTR_16383 | Polyvinyl Chloride | 6 | 47.21 | 0.05 | Lateral |
| SWR_LTR_16822 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_16823 | Polyvinyl Chloride | 6 | 51.21 | 0.06 | Lateral |
| SWR_LTR_16824 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_16825 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_16826 | Polyvinyl Chloride | 6 | 18.00 | 0.02 | Lateral |
| SWR_LTR_16827 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 23B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16828 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_16829 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_18554 | Other | 6 | 37.10 | 0.04 | Lateral |
| SWR_LTR_18555 | Other | 6 | 14.10 | 0.02 | Lateral |
| SWR_LTR_2617 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_2619 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_2621 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_3053 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_3069 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_3071 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_3074 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_3077 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_3080 | Polyvinyl Chloride | 6 | 4.80 | 0.01 | Lateral |
| SWR_LTR_3083 | Polyvinyl Chloride | 6 | 7.66 | 0.01 | Lateral |
| SWR_LTR_3086 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_3089 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_3091 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_3093 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_3095 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_3272 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_3275 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_3278 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_3280 | Polyvinyl Chloride | 6 | 17.24 | 0.02 | Lateral |
| SWR_LTR_3282 | Polyvinyl Chloride | 6 | 17.00 | 0.02 | Lateral |
| SWR_SPH_1024 | Cast Iron | 8 | 150.88 | 0.23 | Siphon |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_2522 | Terra Cotta | 8 | 289.02 | 0.44 | Main |
| SWR_GRV_2525 | Terra Cotta | 8 | 270.92 | 0.41 | Main |
| SWR_GRV_2528 | Terra Cotta | 8 | 238.81 | 0.36 | Main |
| SWR_GRV_2531 | Terra Cotta | 8 | 310.79 | 0.47 | Main |
| SWR_GRV_2534 | Terra Cotta | 8 | 357.35 | 0.54 | Main |
| SWR_GRV_2539 | Terra Cotta | 8 | 297.57 | 0.45 | Main |
| SWR_GRV_2755 | Terra Cotta | 8 | 314.89 | 0.48 | Main |
| SWR_GRV_2759 | Terra Cotta | 8 | 307.81 | 0.47 | Main |
| SWR_GRV_2763 | Terra Cotta | 8 | 319.24 | 0.48 | Main |
| SWR_GRV_2768 | Terra Cotta | 8 | 191.66 | 0.29 | Main |
| SWR_GRV_2771 | Terra Cotta | 8 | 229.83 | 0.35 | Main |
| SWR_GRV_2773 | Terra Cotta | 8 | 212.97 | 0.32 | Main |
| SWR_GRV_2775 | Terra Cotta | 8 | 283.52 | 0.43 | Main |
| SWR_GRV_2777 | Terra Cotta | 8 | 290.30 | 0.44 | Main |
| SWR_GRV_2779 | Terra Cotta | 8 | 289.98 | 0.44 | Main |
| SWR_GRV_2781 | Terra Cotta | 8 | 290.36 | 0.44 | Main |
| SWR_GRV_2783 | Terra Cotta | 8 | 218.15 | 0.33 | Main |
| SWR_GRV_2786 | Terra Cotta | 8 | 293.86 | 0.45 | Main |
| SWR_GRV_2789 | Terra Cotta | 8 | 294.37 | 0.45 | Main |
| SWR_GRV_2792 | Terra Cotta | 8 | 292.38 | 0.44 | Main |
| SWR_GRV_2795 | Terra Cotta | 8 | 290.60 | 0.44 | Main |
| SWR_GRV_2798 | Terra Cotta | 8 | 167.71 | 0.25 | Main |
| SWR_GRV_2801 | Terra Cotta | 8 | 277.02 | 0.42 | Main |
| SWR_GRV_2805 | Terra Cotta | 8 | 348.66 | 0.53 | Main |
| SWR_GRV_2808 | Terra Cotta | 8 | 277.61 | 0.42 | Main |
| SWR_GRV_2819 | Terra Cotta | 8 | 301.62 | 0.46 | Main |
| SWR_GRV_2831 | Terra Cotta | 10 | 272.32 | 0.52 | Main |
| SWR_GRV_2833 | Terra Cotta | 8 | 161.53 | 0.24 | Main |
| SWR_GRV_2835 | Terra Cotta | 8 | 274.75 | 0.42 | Main |
| SWR_GRV_2840 | Terra Cotta | 8 | 295.92 | 0.45 | Main |
| SWR_GRV_2843 | Terra Cotta | 8 | 297.00 | 0.45 | Main |
| SWR_GRV_2846 | Terra Cotta | 8 | 296.87 | 0.45 | Main |
| SWR_GRV_2849 | Terra Cotta | 12 | 277.33 | 0.63 | Main |
| SWR_GRV_2853 | Terra Cotta | 15 | 270.99 | 0.77 | Main |
| SWR_GRV_2856 | Terra Cotta | 8 | 285.28 | 0.43 | Main |
| SWR_GRV_2859 | Terra Cotta | 8 | 294.48 | 0.45 | Main |
| SWR_GRV_2862 | Terra Cotta | 8 | 295.04 | 0.45 | Main |
| SWR_GRV_2866 | Terra Cotta | 8 | 296.57 | 0.45 | Main |
| SWR_GRV_2869 | Terra Cotta | 8 | 293.45 | 0.44 | Main |
| SWR_GRV_2872 | Terra Cotta | 8 | 294.90 | 0.45 | Main |
| SWR_GRV_2875 | Terra Cotta | 8 | 295.55 | 0.45 | Main |
| SWR_GRV_2878 | Terra Cotta | 8 | 298.27 | 0.45 | Main |
| SWR_GRV_2881 | Terra Cotta | 8 | 293.50 | 0.44 | Main |
| SWR_GRV_2883 | Terra Cotta | 8 | 122.30 | 0.19 | Main |
| SWR_GRV_2886 | Terra Cotta | 8 | 234.91 | 0.36 | Main |
| SWR_GRV_2889 | Terra Cotta | 8 | 143.93 | 0.22 | Main |
| SWR_GRV_2979 | Terra Cotta | 8 | 293.01 | 0.44 | Main |
| SWR_GRV_2982 | Terra Cotta | 8 | 290.95 | 0.44 | Main |
| SWR_GRV_2985 | Terra Cotta | 10 | 279.17 | 0.53 | Main |
| SWR_GRV_2990 | Terra Cotta | 8 | 27.47 | 0.04 | Main |
| SWR_GRV_3002 | Terra Cotta | 8 | 318.49 | 0.48 | Main |
| SWR_GRV_3006 | Terra Cotta | 8 | 342.36 | 0.52 | Main |
| SWR_GRV_3010 | Terra Cotta | 8 | 327.56 | 0.50 | Main |
| SWR_GRV_3016 | Terra Cotta | 8 | 275.00 | 0.42 | Main |
| SWR_GRV_3026 | Terra Cotta | 8 | 351.19 | 0.53 | Main |
| SWR_GRV_3029 | Terra Cotta | 8 | 229.35 | 0.35 | Main |
| SWR_GRV_3034 | Terra Cotta | 8 | 222.11 | 0.34 | Main |
| SWR_GRV_3037 | Terra Cotta | 8 | 272.22 | 0.41 | Main |
| SWR_GRV_3040 | Terra Cotta | 8 | 243.48 | 0.37 | Main |
| SWR_GRV_3046 | Terra Cotta | 8 | 243.99 | 0.37 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_3051 | Terra Cotta | 8 | 283.56 | 0.43 | Main |
| SWR_GRV_3054 | Terra Cotta | 8 | 332.83 | 0.50 | Main |
| SWR_GRV_3070 | Terra Cotta | 8 | 310.00 | 0.47 | Main |
| SWR_GRV_3072 | Terra Cotta | 8 | 314.48 | 0.48 | Main |
| SWR_GRV_3075 | Terra Cotta | 8 | 310.53 | 0.47 | Main |
| SWR_GRV_355 | Concrete (Non-Reinforced) | 8 | 293.93 | 0.45 | Main |
| SWR_GRV_356 | Concrete (Non-Reinforced) | 8 | 294.23 | 0.45 | Main |
| SWR_GRV_357 | Concrete (Non-Reinforced) | 8 | 294.13 | 0.45 | Main |
| SWR_GRV_358 | Concrete (Non-Reinforced) | 8 | 200.48 | 0.30 | Main |
| SWR_GRV_396 | Concrete (Non-Reinforced) | 15 | 75.48 | 0.21 | Main |
| SWR_LTR_11099 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_11100 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_11101 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_11102 | Polyvinyl Chloride | 6 | 16.64 | 0.02 | Lateral |
| SWR_LTR_11103 | Polyvinyl Chloride | 6 | 16.61 | 0.02 | Lateral |
| SWR_LTR_11104 | Polyvinyl Chloride | 6 | 16.57 | 0.02 | Lateral |
| SWR_LTR_11105 | Polyvinyl Chloride | 6 | 16.52 | 0.02 | Lateral |
| SWR_LTR_11106 | Polyvinyl Chloride | 6 | 16.50 | 0.02 | Lateral |
| SWR_LTR_11107 | Polyvinyl Chloride | 6 | 36.40 | 0.04 | Lateral |
| SWR_LTR_11108 | Polyvinyl Chloride | 6 | 36.60 | 0.04 | Lateral |
| SWR_LTR_11109 | Polyvinyl Chloride | 6 | 36.80 | 0.04 | Lateral |
| SWR_LTR_11110 | Polyvinyl Chloride | 6 | 36.96 | 0.04 | Lateral |
| SWR_LTR_11111 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_11112 | Polyvinyl Chloride | 6 | 38.57 | 0.04 | Lateral |
| SWR_LTR_11113 | Polyvinyl Chloride | 6 | 38.24 | 0.04 | Lateral |
| SWR_LTR_11114 | Polyvinyl Chloride | 6 | 37.96 | 0.04 | Lateral |
| SWR_LTR_11115 | Polyvinyl Chloride | 6 | 37.66 | 0.04 | Lateral |
| SWR_LTR_11116 | Polyvinyl Chloride | 6 | 37.44 | 0.04 | Lateral |
| SWR_LTR_11117 | Polyvinyl Chloride | 6 | 18.42 | 0.02 | Lateral |
| SWR_LTR_11118 | Polyvinyl Chloride | 6 | 18.38 | 0.02 | Lateral |
| SWR_LTR_11119 | Polyvinyl Chloride | 6 | 18.41 | 0.02 | Lateral |
| SWR_LTR_11120 | Polyvinyl Chloride | 6 | 18.41 | 0.02 | Lateral |
| SWR_LTR_11121 | Polyvinyl Chloride | 6 | 18.41 | 0.02 | Lateral |
| SWR_LTR_11122 | Polyvinyl Chloride | 6 | 9.41 | 0.01 | Lateral |
| SWR_LTR_11123 | Polyvinyl Chloride | 6 | 9.00 | 0.01 | Lateral |
| SWR_LTR_11124 | Polyvinyl Chloride | 6 | 8.53 | 0.01 | Lateral |
| SWR_LTR_13723 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_13724 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13725 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_13726 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_13727 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13728 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13729 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13730 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13731 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_13732 | Polyvinyl Chloride | 6 | 13.61 | 0.02 | Lateral |
| SWR_LTR_13733 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13734 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13735 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_13736 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_13737 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_13738 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13739 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_13740 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_13850 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13851 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13852 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13853 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13854 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_13855 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13856 | Polyvinyl Chloride | 6 | 38.17 | 0.04 | Lateral |
| SWR_LTR_13857 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13858 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13859 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_13860 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13861 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13862 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_13863 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_13864 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_13865 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_13866 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_13867 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_13868 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13869 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13870 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_13871 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_13872 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13873 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_13874 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_13875 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_13876 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_13877 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_13878 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_13879 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13880 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_13881 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13882 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13883 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13884 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13885 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_13886 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_13887 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_13888 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_13889 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_13890 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_13891 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_13892 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_13893 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_13894 | Polyvinyl Chloride | 6 | 43.23 | 0.05 | Lateral |
| SWR_LTR_13895 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_13896 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13897 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_13898 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_13899 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13900 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_13901 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_13985 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_13986 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_13987 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_13988 | Polyvinyl Chloride | 6 | 10.60 | 0.01 | Lateral |
| SWR_LTR_13989 | Polyvinyl Chloride | 6 | 10.62 | 0.01 | Lateral |
| SWR_LTR_13990 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_13991 | Polyvinyl Chloride | 6 | 10.59 | 0.01 | Lateral |
| SWR_LTR_13992 | Polyvinyl Chloride | 6 | 53.44 | 0.06 | Lateral |
| SWR_LTR_13993 | Polyvinyl Chloride | 6 | 20.97 | 0.02 | Lateral |
| SWR_LTR_13994 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_13995 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_13996 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_13997 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_13998 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14004 | Polyvinyl Chloride | 6 | 9.24 | 0.01 | Lateral |
| SWR_LTR_14005 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_14006 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_14007 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_14008 | Polyvinyl Chloride | 6 | 57.21 | 0.07 | Lateral |
| SWR_LTR_14009 | Polyvinyl Chloride | 6 | 57.21 | 0.07 | Lateral |
| SWR_LTR_14010 | Polyvinyl Chloride | 6 | 35.09 | 0.04 | Lateral |
| SWR_LTR_14011 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14012 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14013 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14014 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14015 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14016 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_14017 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14018 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_14055 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_14056 | Polyvinyl Chloride | 6 | 47.21 | 0.05 | Lateral |
| SWR_LTR_14057 | Polyvinyl Chloride | 6 | 50.22 | 0.06 | Lateral |
| SWR_LTR_14058 | Polyvinyl Chloride | 6 | 9.02 | 0.01 | Lateral |
| SWR_LTR_14059 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_14060 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_14061 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_14062 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_14063 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_14064 | Polyvinyl Chloride | 6 | 52.21 | 0.06 | Lateral |
| SWR_LTR_14065 | Polyvinyl Chloride | 6 | 52.22 | 0.06 | Lateral |
| SWR_LTR_14076 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_14077 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_14078 | Polyvinyl Chloride | 6 | 13.77 | 0.02 | Lateral |
| SWR_LTR_14079 | Polyvinyl Chloride | 6 | 9.66 | 0.01 | Lateral |
| SWR_LTR_14080 | Polyvinyl Chloride | 6 | 14.03 | 0.02 | Lateral |
| SWR_LTR_14145 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_14317 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_14318 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14319 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_14320 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14321 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14345 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14346 | Polyvinyl Chloride | 6 | 13.11 | 0.01 | Lateral |
| SWR_LTR_14347 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_14348 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_14349 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14350 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_14351 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_14352 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_14353 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14354 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14355 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_14356 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14357 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14358 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14359 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14360 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14361 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14362 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_14363 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_14364 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_14365 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_14366 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_14367 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14368 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14369 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_14370 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14371 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14372 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_14373 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14374 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14375 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14376 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14377 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14378 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_14379 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14380 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14381 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14382 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14383 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_14384 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14385 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14386 | Polyvinyl Chloride | 6 | 40.24 | 0.05 | Lateral |
| SWR_LTR_14387 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_14388 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14389 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14390 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_14391 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_14392 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_14393 | Polyvinyl Chloride | 6 | 59.22 | 0.07 | Lateral |
| SWR_LTR_14394 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_14395 | Polyvinyl Chloride | 6 | 17.18 | 0.02 | Lateral |
| SWR_LTR_14396 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14397 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14398 | Polyvinyl Chloride | 6 | 38.17 | 0.04 | Lateral |
| SWR_LTR_14399 | Polyvinyl Chloride | 6 | 18.70 | 0.02 | Lateral |
| SWR_LTR_14400 | Polyvinyl Chloride | 6 | 23.78 | 0.03 | Lateral |
| SWR_LTR_14401 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_14402 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_14403 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_14404 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14405 | Polyvinyl Chloride | 6 | 13.92 | 0.02 | Lateral |
| SWR_LTR_14406 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_14407 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14408 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_14409 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14410 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14411 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_14412 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_14413 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_14414 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_14415 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_14416 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14417 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_14418 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_14419 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14420 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14421 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_14422 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14423 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_14424 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_14425 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_14426 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_14427 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14428 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14429 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14430 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14431 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14432 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14433 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14434 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_14435 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14436 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_14437 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_14438 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14439 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14440 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_14441 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_14442 | Polyvinyl Chloride | 6 | 21.00 | 0.02 | Lateral |
| SWR_LTR_14443 | Polyvinyl Chloride | 6 | 22.02 | 0.03 | Lateral |
| SWR_LTR_14444 | Polyvinyl Chloride | 6 | 35.03 | 0.04 | Lateral |
| SWR_LTR_14445 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_14446 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_14447 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_14448 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_14449 | Polyvinyl Chloride | 6 | 13.66 | 0.02 | Lateral |
| SWR_LTR_14450 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14451 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14452 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14453 | Polyvinyl Chloride | 6 | 43.33 | 0.05 | Lateral |
| SWR_LTR_14454 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_14455 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14456 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_14457 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14458 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14459 | Polyvinyl Chloride | 6 | 9.81 | 0.01 | Lateral |
| SWR_LTR_14460 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_14461 | Polyvinyl Chloride | 6 | 11.57 | 0.01 | Lateral |
| SWR_LTR_14462 | Polyvinyl Chloride | 6 | 40.24 | 0.05 | Lateral |
| SWR_LTR_14463 | Polyvinyl Chloride | 6 | 39.19 | 0.04 | Lateral |
| SWR_LTR_14464 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14465 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14466 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14467 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14468 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14469 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14470 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_14471 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_14472 | Polyvinyl Chloride | 6 | 4.18 | 0.005 | Lateral |
| SWR_LTR_14473 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_14474 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_14475 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_14476 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_14477 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_14478 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_14479 | Polyvinyl Chloride | 6 | 38.77 | 0.04 | Lateral |
| SWR_LTR_14480 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_14481 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_14482 | Polyvinyl Chloride | 6 | 21.17 | 0.02 | Lateral |
| SWR_LTR_14483 | Polyvinyl Chloride | 6 | 21.24 | 0.02 | Lateral |
| SWR_LTR_14484 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_14502 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14503 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_14504 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14505 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_14506 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14507 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14508 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14509 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_14510 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_14511 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_14512 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_14513 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_14514 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14515 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_14568 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_14569 | Polyvinyl Chloride | 6 | 16.02 | 0.02 | Lateral |
| SWR_LTR_14570 | Polyvinyl Chloride | 6 | 30.29 | 0.03 | Lateral |
| SWR_LTR_14571 | Polyvinyl Chloride | 6 | 35.68 | 0.04 | Lateral |
| SWR_LTR_14572 | Polyvinyl Chloride | 6 | 39.85 | 0.05 | Lateral |
| SWR_LTR_14573 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14574 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14575 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14576 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_14577 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_14578 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_14579 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_14580 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_14581 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14582 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14583 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14584 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14585 | Polyvinyl Chloride | 6 | 36.24 | 0.04 | Lateral |
| SWR_LTR_14586 | Polyvinyl Chloride | 6 | 21.18 | 0.02 | Lateral |
| SWR_LTR_14587 | Polyvinyl Chloride | 6 | 21.23 | 0.02 | Lateral |
| SWR_LTR_14588 | Polyvinyl Chloride | 6 | 21.20 | 0.02 | Lateral |
| SWR_LTR_14677 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_14678 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_14679 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_14680 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_14681 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_14682 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14683 | Polyvinyl Chloride | 6 | 21.00 | 0.02 | Lateral |
| SWR_LTR_14684 | Polyvinyl Chloride | 6 | 37.02 | 0.04 | Lateral |
| SWR_LTR_14685 | Polyvinyl Chloride | 6 | 14.18 | 0.02 | Lateral |
| SWR_LTR_14686 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_14687 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_14688 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_14689 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_14690 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_14691 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_14692 | Polyvinyl Chloride | 6 | 9.00 | 0.01 | Lateral |
| SWR_LTR_14693 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_14694 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_14695 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_14696 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_14697 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_14698 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_14699 | Polyvinyl Chloride | 6 | 46.60 | 0.05 | Lateral |
| SWR_LTR_14700 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_14701 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_14702 | Polyvinyl Chloride | 6 | 9.17 | 0.01 | Lateral |
| SWR_LTR_14703 | Polyvinyl Chloride | 6 | 9.24 | 0.01 | Lateral |
| SWR_LTR_14704 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14705 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_14730 | Polyvinyl Chloride | 6 | 41.24 | 0.05 | Lateral |
| SWR_LTR_14731 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_14732 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14733 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_14734 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_14735 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14736 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14737 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14738 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_14739 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14740 | Polyvinyl Chloride | 6 | 17.57 | 0.02 | Lateral |
| SWR_LTR_14741 | Polyvinyl Chloride | 6 | 16.61 | 0.02 | Lateral |
| SWR_LTR_14742 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_14743 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_14744 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_14773 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_14774 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_14775 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_14776 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14777 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_14778 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14779 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14780 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14781 | Polyvinyl Chloride | 6 | 15.61 | 0.02 | Lateral |
| SWR_LTR_14782 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_14783 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_14784 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_14785 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_14786 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14795 | Polyvinyl Chloride | 6 | 72.11 | 0.08 | Lateral |
| SWR_LTR_14796 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_14797 | Polyvinyl Chloride | 6 | 34.64 | 0.04 | Lateral |
| SWR_LTR_14816 | Polyvinyl Chloride | 6 | 11.26 | 0.01 | Lateral |
| SWR_LTR_14817 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_14818 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_14819 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14820 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14821 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14822 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_14823 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_14824 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_14825 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_14826 | Polyvinyl Chloride | 6 | 40.85 | 0.05 | Lateral |
| SWR_LTR_14827 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_14828 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_14862 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_14863 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_14864 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_14865 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_14866 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_14867 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_14868 | Polyvinyl Chloride | 6 | 16.24 | 0.02 | Lateral |
| SWR_LTR_14869 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_14870 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_14871 | Polyvinyl Chloride | 6 | 41.22 | 0.05 | Lateral |
| SWR_LTR_14872 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_14873 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_14874 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_14875 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15015 | Polyvinyl Chloride | 6 | 8.07 | 0.01 | Lateral |
| SWR_LTR_15016 | Polyvinyl Chloride | 6 | 6.37 | 0.01 | Lateral |
| SWR_LTR_15017 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_15018 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_15306 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_15307 | Polyvinyl Chloride | 6 | 41.00 | 0.05 | Lateral |
| SWR_LTR_15308 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15309 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15310 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15311 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15312 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_15313 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_15314 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_15315 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_15316 | Polyvinyl Chloride | 6 | 41.00 | 0.05 | Lateral |
| SWR_LTR_15317 | Polyvinyl Chloride | 6 | 14.03 | 0.02 | Lateral |
| SWR_LTR_15318 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_15319 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_15320 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15321 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15322 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15377 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_15378 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_15379 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_15380 | Polyvinyl Chloride | 6 | 83.37 | 0.09 | Lateral |
| SWR_LTR_15381 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_15382 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_15383 | Polyvinyl Chloride | 6 | 13.18 | 0.01 | Lateral |
| SWR_LTR_15384 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_15393 | Polyvinyl Chloride | 6 | 14.01 | 0.02 | Lateral |
| SWR_LTR_15394 | Polyvinyl Chloride | 6 | 54.16 | 0.06 | Lateral |
| SWR_LTR_15395 | Polyvinyl Chloride | 6 | 24.71 | 0.03 | Lateral |
| SWR_LTR_15396 | Polyvinyl Chloride | 6 | 15.98 | 0.02 | Lateral |
| SWR_LTR_15397 | Polyvinyl Chloride | 6 | 39.02 | 0.04 | Lateral |
| SWR_LTR_15398 | Polyvinyl Chloride | 6 | 14.51 | 0.02 | Lateral |
| SWR_LTR_15399 | Polyvinyl Chloride | 6 | 16.40 | 0.02 | Lateral |
| SWR_LTR_15400 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_15401 | Polyvinyl Chloride | 6 | 41.01 | 0.05 | Lateral |
| SWR_LTR_15402 | Polyvinyl Chloride | 6 | 13.99 | 0.02 | Lateral |
| SWR_LTR_15403 | Polyvinyl Chloride | 6 | 40.97 | 0.05 | Lateral |
| SWR_LTR_15404 | Polyvinyl Chloride | 6 | 6.18 | 0.01 | Lateral |
| SWR_LTR_15405 | Polyvinyl Chloride | 6 | 13.18 | 0.01 | Lateral |
| SWR_LTR_15406 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15420 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_15475 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_15476 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_15477 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_15478 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_15479 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_15480 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_15481 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15482 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_15483 | Polyvinyl Chloride | 6 | 11.00 | 0.01 | Lateral |
| SWR_LTR_15484 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_15485 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_15486 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_15487 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_15488 | Polyvinyl Chloride | 6 | 9.00 | 0.01 | Lateral |
| SWR_LTR_15489 | Polyvinyl Chloride | 6 | 52.26 | 0.06 | Lateral |
| SWR_LTR_15490 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15491 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_15492 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_15493 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_15494 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_15495 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_15496 | Polyvinyl Chloride | 6 | 15.98 | 0.02 | Lateral |
| SWR_LTR_15497 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15498 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15499 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_15500 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_15501 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_15529 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_15530 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_15531 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_15532 | Polyvinyl Chloride | 6 | 40.61 | 0.05 | Lateral |
| SWR_LTR_15533 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_15534 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_15535 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_15536 | Polyvinyl Chloride | 6 | 42.21 | 0.05 | Lateral |
| SWR_LTR_15537 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_15538 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_15539 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_15540 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_15541 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_15542 | Polyvinyl Chloride | 6 | 14.63 | 0.02 | Lateral |
| SWR_LTR_15543 | Polyvinyl Chloride | 6 | 14.62 | 0.02 | Lateral |
| SWR_LTR_15544 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_15546 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_15547 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_15548 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_15549 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_15550 | Polyvinyl Chloride | 6 | 41.92 | 0.05 | Lateral |
| SWR_LTR_15551 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_15552 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_15553 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_15554 | Polyvinyl Chloride | 6 | 42.24 | 0.05 | Lateral |
| SWR_LTR_15555 | Polyvinyl Chloride | 6 | 42.18 | 0.05 | Lateral |
| SWR_LTR_15556 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15557 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_15558 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15870 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_15871 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_15872 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15873 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_15874 | Polyvinyl Chloride | 6 | 13.20 | 0.02 | Lateral |
| SWR_LTR_15875 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_15902 | Polyvinyl Chloride | 6 | 14.83 | 0.02 | Lateral |
| SWR_LTR_15903 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_15904 | Polyvinyl Chloride | 6 | 47.95 | 0.05 | Lateral |
| SWR_LTR_15905 | Polyvinyl Chloride | 6 | 43.72 | 0.05 | Lateral |
| SWR_LTR_15906 | Polyvinyl Chloride | 6 | 43.17 | 0.05 | Lateral |
| SWR_LTR_15907 | Polyvinyl Chloride | 6 | 6.64 | 0.01 | Lateral |
| SWR_LTR_15908 | Polyvinyl Chloride | 6 | 19.75 | 0.02 | Lateral |
| SWR_LTR_15909 | Polyvinyl Chloride | 6 | 56.74 | 0.06 | Lateral |
| SWR_LTR_15910 | Polyvinyl Chloride | 6 | 10.57 | 0.01 | Lateral |
| SWR_LTR_15911 | Polyvinyl Chloride | 6 | 10.87 | 0.01 | Lateral |
| SWR_LTR_15912 | Polyvinyl Chloride | 6 | 10.79 | 0.01 | Lateral |
| SWR_LTR_15913 | Polyvinyl Chloride | 6 | 10.71 | 0.01 | Lateral |
| SWR_LTR_15914 | Polyvinyl Chloride | 6 | 10.69 | 0.01 | Lateral |
| SWR_LTR_15915 | Polyvinyl Chloride | 6 | 10.61 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15916 | Polyvinyl Chloride | 6 | 11.02 | 0.01 | Lateral |
| SWR_LTR_15917 | Polyvinyl Chloride | 6 | 11.02 | 0.01 | Lateral |
| SWR_LTR_15918 | Polyvinyl Chloride | 6 | 10.91 | 0.01 | Lateral |
| SWR_LTR_15919 | Polyvinyl Chloride | 6 | 40.00 | 0.05 | Lateral |
| SWR_LTR_15920 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_15921 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_15922 | Polyvinyl Chloride | 6 | 16.18 | 0.02 | Lateral |
| SWR_LTR_15923 | Polyvinyl Chloride | 6 | 41.19 | 0.05 | Lateral |
| SWR_LTR_15924 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_2132 | Concrete (Non-Reinforced) | 6 | 28.64 | 0.03 | Lateral |
| SWR_LTR_2143 | Concrete (Non-Reinforced) | 6 | 24.42 | 0.03 | Lateral |
| SWR_LTR_2145 | Concrete (Non-Reinforced) | 6 | 10.85 | 0.01 | Lateral |
| SWR_LTR_2146 | Concrete (Non-Reinforced) | 6 | 48.21 | 0.05 | Lateral |
| SWR_LTR_2402 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_2403 | Polyvinyl Chloride | 6 | 42.23 | 0.05 | Lateral |
| SWR_LTR_2407 | Polyvinyl Chloride | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_2408 | Polyvinyl Chloride | 6 | 12.99 | 0.01 | Lateral |
| SWR_LTR_2409 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_2410 | Polyvinyl Chloride | 6 | 14.66 | 0.02 | Lateral |
| SWR_LTR_5619 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_5688 | Polyvinyl Chloride | 6 | 16.01 | 0.02 | Lateral |
| SWR_LTR_5989 | Polyvinyl Chloride | 6 | 16.26 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1003 | Concrete (Non-Reinforced) | 15 | 61.86 | 0.18 | Main |
| SWR_GRV_2342 | Terra Cotta | 8 | 253.44 | 0.38 | Main |
| SWR_GRV_249 | Concrete (Non-Reinforced) | 15 | 8.54 | 0.02 | Main |
| SWR_GRV_250 | Concrete (Non-Reinforced) | 8 | 74.14 | 0.11 | Main |
| SWR_GRV_2542 | Terra Cotta | 8 | 283.07 | 0.43 | Main |
| SWR_GRV_2545 | Terra Cotta | 8 | 249.18 | 0.38 | Main |
| SWR_GRV_2548 | Terra Cotta | 8 | 317.28 | 0.48 | Main |
| SWR_GRV_2551 | Terra Cotta | 8 | 309.99 | 0.47 | Main |
| SWR_GRV_2555 | Terra Cotta | 8 | 305.75 | 0.46 | Main |
| SWR_GRV_2557 | Terra Cotta | 8 | 311.14 | 0.47 | Main |
| SWR_GRV_2560 | Terra Cotta | 12 | 311.47 | 0.71 | Main |
| SWR_GRV_2563 | Terra Cotta | 12 | 301.39 | 0.68 | Main |
| SWR_GRV_2570 | Terra Cotta | 12 | 122.82 | 0.28 | Main |
| SWR_GRV_2574 | Polyvinyl Chloride | 12 | 106.46 | 0.24 | Main |
| SWR_GRV_2579 | Polyvinyl Chloride | 12 | 13.11 | 0.03 | Main |
| SWR_GRV_2582 | Polyvinyl Chloride | 8 | 38.79 | 0.06 | Main |
| SWR_GRV_3078 | Terra Cotta | 8 | 191.40 | 0.29 | Main |
| SWR_GRV_3081 | Terra Cotta | 8 | 145.59 | 0.22 | Main |
| SWR_GRV_3084 | Terra Cotta | 8 | 143.64 | 0.22 | Main |
| SWR_GRV_3137 | Terra Cotta | 8 | 124.04 | 0.19 | Main |
| SWR_GRV_3140 | Terra Cotta | 8 | 338.52 | 0.51 | Main |
| SWR_GRV_3144 | Terra Cotta | 8 | 333.14 | 0.50 | Main |
| SWR_GRV_3147 | Terra Cotta | 8 | 337.64 | 0.51 | Main |
| SWR_GRV_3151 | Terra Cotta | 8 | 326.75 | 0.50 | Main |
| SWR_GRV_3154 | Terra Cotta | 8 | 342.40 | 0.52 | Main |
| SWR_GRV_3157 | Terra Cotta | 10 | 295.39 | 0.56 | Main |
| SWR_GRV_3160 | Terra Cotta | 8 | 164.45 | 0.25 | Main |
| SWR_GRV_3162 | Terra Cotta | 10 | 303.99 | 0.58 | Main |
| SWR_GRV_3164 | Terra Cotta | 10 | 287.72 | 0.54 | Main |
| SWR_GRV_3166 | Terra Cotta | 12 | 35.01 | 0.08 | Main |
| SWR_GRV_3168 | Terra Cotta | 12 | 214.38 | 0.49 | Main |
| SWR_GRV_3170 | Terra Cotta | 12 | 201.55 | 0.46 | Main |
| SWR_GRV_3173 | Terra Cotta | 12 | 186.88 | 0.42 | Main |
| SWR_GRV_3175 | Terra Cotta | 12 | 226.46 | 0.51 | Main |
| SWR_GRV_3178 | Terra Cotta | 12 | 181.97 | 0.41 | Main |
| SWR_GRV_3181 | Terra Cotta | 8 | 242.48 | 0.37 | Main |
| SWR_GRV_3184 | Terra Cotta | 12 | 190.70 | 0.43 | Main |
| SWR_GRV_3187 | Terra Cotta | 12 | 186.71 | 0.42 | Main |
| SWR_GRV_3190 | Terra Cotta | 12 | 86.37 | 0.20 | Main |
| SWR_GRV_3945 | Terra Cotta | 12 | 114.53 | 0.26 | Main |
| SWR_GRV_3947 | Terra Cotta | 12 | 51.97 | 0.12 | Main |
| SWR_GRV_3949 | Terra Cotta | 8 | 294.71 | 0.45 | Main |
| SWR_GRV_3952 | Terra Cotta | 8 | 302.94 | 0.46 | Main |
| SWR_GRV_3954 | Terra Cotta | 8 | 303.84 | 0.46 | Main |
| SWR_GRV_3956 | Terra Cotta | 8 | 296.08 | 0.45 | Main |
| SWR_GRV_3958 | Terra Cotta | 8 | 297.47 | 0.45 | Main |
| SWR_GRV_396 | Concrete (Non-Reinforced) | 15 | 1.14 | 0.003 | Main |
| SWR_GRV_3960 | Terra Cotta | 8 | 302.10 | 0.46 | Main |
| SWR_GRV_3962 | Terra Cotta | 8 | 309.10 | 0.47 | Main |
| SWR_GRV_3965 | Terra Cotta | 8 | 328.44 | 0.50 | Main |
| SWR_GRV_3968 | Terra Cotta | 8 | 300.17 | 0.45 | Main |
| SWR_GRV_3971 | Terra Cotta | 8 | 305.07 | 0.46 | Main |
| SWR_GRV_3974 | Terra Cotta | 10 | 302.84 | 0.57 | Main |
| SWR_GRV_3977 | Terra Cotta | 10 | 304.99 | 0.58 | Main |
| SWR_GRV_3981 | Terra Cotta | 8 | 274.24 | 0.42 | Main |
| SWR_GRV_3983 | Terra Cotta | 10 | 273.86 | 0.52 | Main |
| SWR_GRV_3986 | Terra Cotta | 8 | 122.42 | 0.19 | Main |
| SWR_GRV_3989 | Terra Cotta | 8 | 288.77 | 0.44 | Main |
| SWR_GRV_3992 | Terra Cotta | 8 | 296.52 | 0.45 | Main |
| SWR_GRV_4000 | Terra Cotta | 8 | 274.32 | 0.42 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_4006 | Terra Cotta | 8 | 274.10 | 0.42 | Main |
| SWR_LTR_13902 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |
| SWR_LTR_13903 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_13904 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_13905 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_13906 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_13907 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_13908 | Polyvinyl Chloride | 6 | 26.01 | 0.03 | Lateral |
| SWR_LTR_13909 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_13910 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_13911 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_13912 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_13913 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_13914 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_13915 | Polyvinyl Chloride | 6 | 16.71 | 0.02 | Lateral |
| SWR_LTR_13916 | Polyvinyl Chloride | 6 | 16.72 | 0.02 | Lateral |
| SWR_LTR_13917 | Polyvinyl Chloride | 6 | 37.25 | 0.04 | Lateral |
| SWR_LTR_13918 | Polyvinyl Chloride | 6 | 20.14 | 0.02 | Lateral |
| SWR_LTR_13919 | Polyvinyl Chloride | 6 | 25.43 | 0.03 | Lateral |
| SWR_LTR_13920 | Polyvinyl Chloride | 6 | 36.22 | 0.04 | Lateral |
| SWR_LTR_13921 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_13922 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_13923 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_13924 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_13925 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_13999 | Polyvinyl Chloride | 6 | 19.17 | 0.02 | Lateral |
| SWR_LTR_14000 | Polyvinyl Chloride | 6 | 18.84 | 0.02 | Lateral |
| SWR_LTR_14001 | Polyvinyl Chloride | 6 | 22.01 | 0.03 | Lateral |
| SWR_LTR_14002 | Polyvinyl Chloride | 6 | 39.24 | 0.04 | Lateral |
| SWR_LTR_14003 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_14030 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14031 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_14032 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_14033 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_14034 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14035 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_14036 | Polyvinyl Chloride | 6 | 23.18 | 0.03 | Lateral |
| SWR_LTR_14037 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14038 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_14039 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14040 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_14041 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_14042 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14043 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14044 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14045 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14046 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14047 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_14066 | Polyvinyl Chloride | 6 | 18.11 | 0.02 | Lateral |
| SWR_LTR_14067 | Polyvinyl Chloride | 6 | 20.49 | 0.02 | Lateral |
| SWR_LTR_14068 | Polyvinyl Chloride | 6 | 37.74 | 0.04 | Lateral |
| SWR_LTR_14069 | Polyvinyl Chloride | 6 | 38.95 | 0.04 | Lateral |
| SWR_LTR_14070 | Polyvinyl Chloride | 6 | 48.88 | 0.06 | Lateral |
| SWR_LTR_14071 | Polyvinyl Chloride | 6 | 46.73 | 0.05 | Lateral |
| SWR_LTR_14072 | Polyvinyl Chloride | 6 | 16.42 | 0.02 | Lateral |
| SWR_LTR_14073 | Polyvinyl Chloride | 6 | 36.24 | 0.04 | Lateral |
| SWR_LTR_14074 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_14075 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14139 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_14140 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14141 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_14142 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_14143 | Polyvinyl Chloride | 6 | 23.23 | 0.03 | Lateral |
| SWR_LTR_14144 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_14288 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_14322 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_14323 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14324 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14325 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_14326 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_14327 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14328 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_14329 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14330 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_14331 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_14332 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_14333 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_14334 | Polyvinyl Chloride | 6 | 43.00 | 0.05 | Lateral |
| SWR_LTR_14335 | Polyvinyl Chloride | 6 | 21.08 | 0.02 | Lateral |
| SWR_LTR_14336 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14337 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_14338 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_14339 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_14340 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_14341 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_14485 | Polyvinyl Chloride | 6 | 25.02 | 0.03 | Lateral |
| SWR_LTR_14486 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_14487 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_14488 | Polyvinyl Chloride | 6 | 34.24 | 0.04 | Lateral |
| SWR_LTR_14489 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_14490 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_14491 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_14492 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_14493 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_14494 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_14495 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_14496 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_14497 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_14498 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_14499 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14500 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14501 | Polyvinyl Chloride | 6 | 23.18 | 0.03 | Lateral |
| SWR_LTR_14589 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_14590 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14591 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_14592 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_14593 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_14594 | Polyvinyl Chloride | 6 | 37.24 | 0.04 | Lateral |
| SWR_LTR_14595 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14596 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14597 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14598 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14599 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_14600 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_14601 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14602 | Polyvinyl Chloride | 6 | 32.99 | 0.04 | Lateral |
| SWR_LTR_14603 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_14604 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_14605 | Polyvinyl Chloride | 6 | 34.24 | 0.04 | Lateral |
| SWR_LTR_14606 | Polyvinyl Chloride | 6 | 34.24 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14607 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14608 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14609 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14610 | Polyvinyl Chloride | 6 | 25.07 | 0.03 | Lateral |
| SWR_LTR_14611 | Polyvinyl Chloride | 6 | 18.49 | 0.02 | Lateral |
| SWR_LTR_14612 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_14613 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_14614 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_14615 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_14616 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_14706 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_14707 | Polyvinyl Chloride | 6 | 10.98 | 0.01 | Lateral |
| SWR_LTR_14708 | Polyvinyl Chloride | 6 | 22.18 | 0.03 | Lateral |
| SWR_LTR_14709 | Polyvinyl Chloride | 6 | 23.23 | 0.03 | Lateral |
| SWR_LTR_14710 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_14711 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14712 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_14713 | Polyvinyl Chloride | 6 | 8.99 | 0.01 | Lateral |
| SWR_LTR_14714 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_14745 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14746 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_14747 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_14748 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_14749 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_14750 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_14751 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_14753 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_14754 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_14755 | Polyvinyl Chloride | 6 | 34.19 | 0.04 | Lateral |
| SWR_LTR_14756 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_14757 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14758 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_14759 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_14787 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_14788 | Polyvinyl Chloride | 6 | 40.24 | 0.05 | Lateral |
| SWR_LTR_14789 | Polyvinyl Chloride | 6 | 35.16 | 0.04 | Lateral |
| SWR_LTR_14790 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_14791 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_14792 | Polyvinyl Chloride | 6 | 27.18 | 0.03 | Lateral |
| SWR_LTR_14793 | Polyvinyl Chloride | 6 | 19.23 | 0.02 | Lateral |
| SWR_LTR_14794 | Polyvinyl Chloride | 6 | 33.47 | 0.04 | Lateral |
| SWR_LTR_14846 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_14847 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_14848 | Polyvinyl Chloride | 6 | 42.22 | 0.05 | Lateral |
| SWR_LTR_15323 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_15324 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_15325 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15326 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15327 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15328 | Polyvinyl Chloride | 6 | 44.24 | 0.05 | Lateral |
| SWR_LTR_15329 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15330 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15331 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_15332 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15333 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15335 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15336 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15337 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15338 | Polyvinyl Chloride | 6 | 22.01 | 0.03 | Lateral |
| SWR_LTR_15339 | Polyvinyl Chloride | 6 | 32.23 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15340 | Polyvinyl Chloride | 6 | 32.23 | 0.04 | Lateral |
| SWR_LTR_15341 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15342 | Polyvinyl Chloride | 6 | 32.19 | 0.04 | Lateral |
| SWR_LTR_15343 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15344 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15345 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_15346 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_15347 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15348 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15349 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_15350 | Polyvinyl Chloride | 6 | 23.18 | 0.03 | Lateral |
| SWR_LTR_15351 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15352 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_15353 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15354 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_15355 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15356 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_15357 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15358 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_15359 | Polyvinyl Chloride | 6 | 34.19 | 0.04 | Lateral |
| SWR_LTR_15360 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_15361 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_15362 | Polyvinyl Chloride | 6 | 34.25 | 0.04 | Lateral |
| SWR_LTR_15559 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_15560 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_15561 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_15562 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15563 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15564 | Polyvinyl Chloride | 6 | 32.19 | 0.04 | Lateral |
| SWR_LTR_15565 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_15566 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_15567 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15568 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15569 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15570 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_15571 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15572 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_15573 | Polyvinyl Chloride | 6 | 32.18 | 0.04 | Lateral |
| SWR_LTR_15574 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_15575 | Polyvinyl Chloride | 6 | 18.98 | 0.02 | Lateral |
| SWR_LTR_15576 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_15577 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_15578 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_15579 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_15717 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_15718 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_15719 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_15720 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15721 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_15722 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_15723 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_15724 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_15725 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_15726 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_15831 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_15832 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_15833 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_15834 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_15835 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15836 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15837 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15838 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15839 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15840 | Polyvinyl Chloride | 6 | 32.18 | 0.04 | Lateral |
| SWR_LTR_15841 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_15842 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_15876 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_15877 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15878 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15879 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15880 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15881 | Polyvinyl Chloride | 6 | 18.98 | 0.02 | Lateral |
| SWR_LTR_15882 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_15883 | Polyvinyl Chloride | 6 | 44.22 | 0.05 | Lateral |
| SWR_LTR_15884 | Polyvinyl Chloride | 6 | 44.18 | 0.05 | Lateral |
| SWR_LTR_15885 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_15886 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_15887 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_15888 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15889 | Polyvinyl Chloride | 6 | 19.36 | 0.02 | Lateral |
| SWR_LTR_15890 | Polyvinyl Chloride | 6 | 44.22 | 0.05 | Lateral |
| SWR_LTR_15891 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_15892 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_15893 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15894 | Polyvinyl Chloride | 6 | 21.22 | 0.02 | Lateral |
| SWR_LTR_15895 | Polyvinyl Chloride | 6 | 21.21 | 0.02 | Lateral |
| SWR_LTR_15896 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15897 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15898 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15899 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15900 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_15901 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_15925 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15926 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_15927 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15928 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_15929 | Polyvinyl Chloride | 6 | 43.20 | 0.05 | Lateral |
| SWR_LTR_15930 | Polyvinyl Chloride | 6 | 23.23 | 0.03 | Lateral |
| SWR_LTR_15931 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_15932 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_15933 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_15934 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15935 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15936 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_15937 | Polyvinyl Chloride | 6 | 17.73 | 0.02 | Lateral |
| SWR_LTR_15938 | Polyvinyl Chloride | 6 | 17.66 | 0.02 | Lateral |
| SWR_LTR_15939 | Polyvinyl Chloride | 6 | 18.67 | 0.02 | Lateral |
| SWR_LTR_15940 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15941 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15942 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_15943 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15944 | Polyvinyl Chloride | 6 | 34.24 | 0.04 | Lateral |
| SWR_LTR_15945 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_15946 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_15947 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_15948 | Polyvinyl Chloride | 6 | 37.02 | 0.04 | Lateral |
| SWR_LTR_15949 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15950 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15951 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_15952 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 24B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15953 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15954 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_15955 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_15956 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15957 | Polyvinyl Chloride | 6 | 18.24 | 0.02 | Lateral |
| SWR_LTR_15958 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_15959 | Polyvinyl Chloride | 6 | 19.24 | 0.02 | Lateral |
| SWR_LTR_15960 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_15961 | Polyvinyl Chloride | 6 | 34.19 | 0.04 | Lateral |
| SWR_LTR_15962 | Polyvinyl Chloride | 6 | 34.17 | 0.04 | Lateral |
| SWR_LTR_15963 | Polyvinyl Chloride | 6 | 34.19 | 0.04 | Lateral |
| SWR_LTR_15964 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_15965 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_15966 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15967 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_15968 | Polyvinyl Chloride | 6 | 23.20 | 0.03 | Lateral |
| SWR_LTR_15969 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_15970 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15971 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15972 | Polyvinyl Chloride | 6 | 18.20 | 0.02 | Lateral |
| SWR_LTR_15973 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_15974 | Polyvinyl Chloride | 6 | 39.20 | 0.04 | Lateral |
| SWR_LTR_15975 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_5592 | Polyvinyl Chloride | 6 | 48.47 | 0.06 | Lateral |
| SWR_LTR_6356 | Polyvinyl Chloride | 6 | 34.01 | 0.04 | Lateral |
| SWR_LTR_6405 | Polyvinyl Chloride | 6 | 35.01 | 0.04 | Lateral |
| SWR_LTR_6986 | Polyvinyl Chloride | 6 | 40.47 | 0.05 | Lateral |
| SWR_SPH_19242 | Cast Iron | 8 | 55.37 | 0.08 | Siphon |
| SWR_SPH_209 | Cast Iron | 8 | 91.04 | 0.14 | Siphon |
| SWR_SPH_3087 | Unknown | 8 | 90.54 | 0.14 | Siphon |
| SWR_SPH_433 | Cast Iron | 10 | 77.22 | 0.15 | Siphon |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 27A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1259 | Concrete (Non-Reinforced) | 12 | 95.88 | 0.22 | Main |
| SWR_GRV_1260 | Concrete (Non-Reinforced) | 12 | 189.89 | 0.43 | Main |
| SWR_GRV_1299 | Concrete (Non-Reinforced) | 10 | 37.98 | 0.07 | Main |
| SWR_GRV_3241 | Terra Cotta | 12 | 151.66 | 0.34 | Main |
| SWR_GRV_3244 | Terra Cotta | 12 | 111.11 | 0.25 | Main |
| SWR_GRV_3247 | Terra Cotta | 12 | 298.13 | 0.68 | Main |
| SWR_GRV_3251 | Terra Cotta | 12 | 116.77 | 0.27 | Main |
| SWR_GRV_3254 | Terra Cotta | 12 | 226.64 | 0.52 | Main |
| SWR_GRV_3258 | Terra Cotta | 15 | 93.21 | 0.26 | Main |
| SWR_GRV_3261 | Terra Cotta | 15 | 220.56 | 0.63 | Main |
| SWR_GRV_3264 | Terra Cotta | 15 | 122.41 | 0.35 | Main |
| SWR_GRV_3267 | Terra Cotta | 15 | 254.78 | 0.72 | Main |
| SWR_GRV_3270 | Terra Cotta | 15 | 120.06 | 0.34 | Main |
| SWR_GRV_3273 | Terra Cotta | 15 | 204.63 | 0.58 | Main |
| SWR_GRV_3276 | Terra Cotta | 15 | 110.58 | 0.31 | Main |
| SWR_GRV_3646 | Terra Cotta | 20 | 30.96 | 0.12 | Main |
| SWR_GRV_3649 | Terra Cotta | 20 | 112.89 | 0.43 | Main |
| SWR_GRV_3654 | Terra Cotta | 18 | 144.50 | 0.49 | Main |
| SWR_GRV_3659 | Terra Cotta | 18 | 150.63 | 0.51 | Main |
| SWR_GRV_3663 | Terra Cotta | 15 | 153.65 | 0.44 | Main |
| SWR_GRV_3666 | Terra Cotta | 18 | 210.47 | 0.72 | Main |
| SWR_GRV_3669 | Terra Cotta | 24 | 18.34 | 0.08 | Main |
| SWR_GRV_3672 | Terra Cotta | 20 | 57.55 | 0.22 | Main |
| SWR_GRV_3675 | Terra Cotta | 20 | 102.49 | 0.39 | Main |
| SWR_GRV_3678 | Terra Cotta | 15 | 109.00 | 0.31 | Main |
| SWR_GRV_3703 | Terra Cotta | 12 | 67.15 | 0.15 | Main |
| SWR_GRV_3740 | Terra Cotta | 15 | 298.51 | 0.85 | Main |
| SWR_GRV_3742 | Terra Cotta | 15 | 110.26 | 0.31 | Main |
| SWR_GRV_3744 | Terra Cotta | 18 | 208.60 | 0.71 | Main |
| SWR_GRV_3746 | Terra Cotta | 15 | 93.23 | 0.26 | Main |
| SWR_GRV_3748 | Terra Cotta | 18 | 128.05 | 0.44 | Main |
| SWR_GRV_3750 | Terra Cotta | 15 | 119.23 | 0.34 | Main |
| SWR_GRV_514 | Concrete (Non-Reinforced) | 12 | 140.23 | 0.32 | Main |
| SWR_GRV_515 | Concrete (Non-Reinforced) | 10 | 119.18 | 0.23 | Main |
| SWR_GRV_516 | Concrete (Non-Reinforced) | 10 | 96.40 | 0.18 | Main |
| SWR_GRV_554 | Concrete (Non-Reinforced) | 10 | 50.51 | 0.10 | Main |
| SWR_GRV_555 | Concrete (Non-Reinforced) | 10 | 114.49 | 0.22 | Main |
| SWR_GRV_556 | Concrete (Non-Reinforced) | 12 | 63.53 | 0.14 | Main |
| SWR_GRV_557 | Concrete (Non-Reinforced) | 12 | 113.94 | 0.26 | Main |
| SWR_GRV_558 | Concrete (Non-Reinforced) | 12 | 298.46 | 0.68 | Main |
| SWR_GRV_559 | Concrete (Non-Reinforced) | 12 | 183.00 | 0.42 | Main |
| SWR_GRV_560 | Concrete (Non-Reinforced) | 15 | 72.69 | 0.21 | Main |
| SWR_GRV_561 | Concrete (Non-Reinforced) | 12 | 309.01 | 0.70 | Main |
| SWR_GRV_562 | Concrete (Non-Reinforced) | 15 | 229.79 | 0.65 | Main |
| SWR_GRV_563 | Concrete (Non-Reinforced) | 12 | 302.70 | 0.69 | Main |
| SWR_GRV_564 | Concrete (Non-Reinforced) | 12 | 200.06 | 0.45 | Main |
| SWR_GRV_565 | Concrete (Non-Reinforced) | 15 | 299.09 | 0.85 | Main |
| SWR_GRV_566 | Concrete (Non-Reinforced) | 12 | 152.32 | 0.35 | Main |
| SWR_GRV_567 | Concrete (Non-Reinforced) | 12 | 212.00 | 0.48 | Main |
| SWR_GRV_6139 | Terra Cotta | 18 | 7.23 | 0.02 | Main |
| SWR_GRV_8505 | Terra Cotta | 12 | 158.44 | 0.36 | Main |
| SWR_GRV_8507 | Terra Cotta | 12 | 151.82 | 0.35 | Main |
| SWR_GRV_8509 | Terra Cotta | 12 | 114.26 | 0.26 | Main |
| SWR_GRV_8511 | Terra Cotta | 12 | 149.42 | 0.34 | Main |
| SWR_LTR_13590 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_13591 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_13592 | Polyvinyl Chloride | 6 | 35.17 | 0.04 | Lateral |
| SWR_LTR_13593 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_13594 | Polyvinyl Chloride | 6 | 35.30 | 0.04 | Lateral |
| SWR_LTR_13595 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 27A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13596 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_13597 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_13598 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_13599 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_13600 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_13601 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_13602 | Polyvinyl Chloride | 6 | 38.25 | 0.04 | Lateral |
| SWR_LTR_13603 | Polyvinyl Chloride | 6 | 35.27 | 0.04 | Lateral |
| SWR_LTR_13604 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_13606 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_13607 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_13608 | Polyvinyl Chloride | 6 | 32.18 | 0.04 | Lateral |
| SWR_LTR_14098 | Polyvinyl Chloride | 8 | 8.68 | 0.01 | Lateral |
| SWR_LTR_14220 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_14221 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_14222 | Polyvinyl Chloride | 6 | 35.17 | 0.04 | Lateral |
| SWR_LTR_1620 | Polyvinyl Chloride | 6 | 35.00 | 0.04 | Lateral |
| SWR_LTR_1621 | Polyvinyl Chloride | 6 | 11.50 | 0.01 | Lateral |
| SWR_LTR_19233 | Polyvinyl Chloride | 6 | 85.07 | 0.10 | Lateral |
| SWR_LTR_19234 | Polyvinyl Chloride | 6 | 91.44 | 0.10 | Lateral |
| SWR_LTR_19235 | Polyvinyl Chloride | 6 | 13.90 | 0.02 | Lateral |
| SWR_LTR_2976 | Polyvinyl Chloride | 6 | 42.00 | 0.05 | Lateral |
| SWR_LTR_3383 | Polyvinyl Chloride | 6 | 41.37 | 0.05 | Lateral |
| SWR_LTR_4601 | Polyvinyl Chloride | 6 | 15.54 | 0.02 | Lateral |
| SWR_LTR_4603 | Polyvinyl Chloride | 6 | 16.85 | 0.02 | Lateral |
| SWR_LTR_4605 | Polyvinyl Chloride | 6 | 15.62 | 0.02 | Lateral |
| SWR_LTR_4607 | Polyvinyl Chloride | 6 | 14.40 | 0.02 | Lateral |
| SWR_LTR_4609 | Polyvinyl Chloride | 6 | 18.23 | 0.02 | Lateral |
| SWR_LTR_4613 | Polyvinyl Chloride | 6 | 17.27 | 0.02 | Lateral |
| SWR_LTR_4614 | Polyvinyl Chloride | 6 | 16.04 | 0.02 | Lateral |
| SWR_LTR_4615 | Polyvinyl Chloride | 6 | 7.90 | 0.01 | Lateral |
| SWR_LTR_5973 | Polyvinyl Chloride | 6 | 46.24 | 0.05 | Lateral |
| SWR_LTR_5974 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_5975 | Polyvinyl Chloride | 6 | 28.22 | 0.03 | Lateral |
| SWR_LTR_6032 | Polyvinyl Chloride | 6 | 10.07 | 0.01 | Lateral |
| SWR_LTR_6034 | Polyvinyl Chloride | 6 | 13.82 | 0.02 | Lateral |
| SWR_LTR_6036 | Polyvinyl Chloride | 6 | 9.67 | 0.01 | Lateral |
| SWR_LTR_6038 | Polyvinyl Chloride | 6 | 11.95 | 0.01 | Lateral |
| SWR_LTR_6040 | Polyvinyl Chloride | 6 | 11.40 | 0.01 | Lateral |
| SWR_LTR_6042 | Polyvinyl Chloride | 6 | 9.41 | 0.01 | Lateral |
| SWR_LTR_6046 | Polyvinyl Chloride | 6 | 17.95 | 0.02 | Lateral |
| SWR_LTR_6048 | Polyvinyl Chloride | 6 | 24.66 | 0.03 | Lateral |
| SWR_LTR_6050 | Polyvinyl Chloride | 6 | 23.28 | 0.03 | Lateral |
| SWR_LTR_6052 | Polyvinyl Chloride | 6 | 35.42 | 0.04 | Lateral |
| SWR_LTR_6054 | Polyvinyl Chloride | 6 | 38.28 | 0.04 | Lateral |
| SWR_LTR_6056 | Polyvinyl Chloride | 6 | 37.90 | 0.04 | Lateral |
| SWR_LTR_6058 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_6059 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_6060 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_6061 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_6063 | Polyvinyl Chloride | 6 | 19.74 | 0.02 | Lateral |
| SWR_LTR_6065 | Polyvinyl Chloride | 6 | 27.05 | 0.03 | Lateral |
| SWR_LTR_6067 | Terra Cotta | 12 | 38.86 | 0.09 | Lateral |
| SWR_LTR_6069 | Polyvinyl Chloride | 8 | 50.12 | 0.08 | Lateral |
| SWR_LTR_6070 | Polyvinyl Chloride | 6 | 49.23 | 0.06 | Lateral |
| SWR_LTR_6071 | Polyvinyl Chloride | 6 | 43.08 | 0.05 | Lateral |
| SWR_LTR_6072 | Polyvinyl Chloride | 6 | 36.09 | 0.04 | Lateral |
| SWR_LTR_6073 | Polyvinyl Chloride | 6 | 24.88 | 0.03 | Lateral |
| SWR_LTR_6074 | Polyvinyl Chloride | 6 | 15.68 | 0.02 | Lateral |
| SWR_LTR_6075 | Polyvinyl Chloride | 6 | 97.46 | 0.11 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 27A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6913 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_6914 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_6916 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_6918 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_6920 | Polyvinyl Chloride | 6 | 36.26 | 0.04 | Lateral |
| SWR_LTR_6922 | Polyvinyl Chloride | 6 | 35.14 | 0.04 | Lateral |
| SWR_LTR_6924 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_6925 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_6926 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_6927 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_6928 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_6929 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_7555 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_7557 | Polyvinyl Chloride | 6 | 35.34 | 0.04 | Lateral |
| SWR_LTR_7559 | Polyvinyl Chloride | 6 | 8.32 | 0.01 | Lateral |
| SWR_LTR_7560 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_7562 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_7564 | Polyvinyl Chloride | 6 | 10.97 | 0.01 | Lateral |
| SWR_LTR_7566 | Polyvinyl Chloride | 6 | 16.43 | 0.02 | Lateral |
| SWR_LTR_7568 | Polyvinyl Chloride | 6 | 16.81 | 0.02 | Lateral |
| SWR_LTR_7569 | Polyvinyl Chloride | 6 | 13.38 | 0.02 | Lateral |
| SWR_LTR_7752 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_7792 | Polyvinyl Chloride | 6 | 16.63 | 0.02 | Lateral |
| SWR_LTR_7821 | Polyvinyl Chloride | 12 | 29.67 | 0.07 | Lateral |
| SWR_LTR_7823 | Polyvinyl Chloride | 12 | 12.67 | 0.03 | Lateral |
| SWR_LTR_7825 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_7827 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_7828 | Polyvinyl Chloride | 8 | 41.21 | 0.06 | Lateral |
| SWR_LTR_7829 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_7830 | Polyvinyl Chloride | 6 | 35.03 | 0.04 | Lateral |
| SWR_LTR_7833 | Polyvinyl Chloride | 6 | 39.98 | 0.05 | Lateral |
| SWR_LTR_7835 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_7837 | Polyvinyl Chloride | 6 | 35.25 | 0.04 | Lateral |
| SWR_LTR_7838 | Polyvinyl Chloride | 6 | 36.01 | 0.04 | Lateral |
| SWR_LTR_7839 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_7841 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_7842 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_7844 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_7845 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_7846 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_7847 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_7849 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_7851 | Polyvinyl Chloride | 6 | 6.93 | 0.01 | Lateral |
| SWR_LTR_7853 | Polyvinyl Chloride | 6 | 11.12 | 0.01 | Lateral |
| SWR_LTR_7855 | Polyvinyl Chloride | 6 | 15.64 | 0.02 | Lateral |
| SWR_LTR_7857 | Polyvinyl Chloride | 6 | 18.52 | 0.02 | Lateral |
| SWR_LTR_7859 | Polyvinyl Chloride | 6 | 11.67 | 0.01 | Lateral |
| SWR_LTR_7861 | Polyvinyl Chloride | 6 | 26.27 | 0.03 | Lateral |
| SWR_LTR_7863 | Polyvinyl Chloride | 6 | 26.14 | 0.03 | Lateral |
| SWR_LTR_7866 | Polyvinyl Chloride | 6 | 10.30 | 0.01 | Lateral |
| SWR_LTR_7868 | Polyvinyl Chloride | 6 | 21.06 | 0.02 | Lateral |
| SWR_LTR_7870 | Polyvinyl Chloride | 6 | 21.43 | 0.02 | Lateral |
| SWR_LTR_7872 | Polyvinyl Chloride | 6 | 8.44 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 27B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1252 | Concrete (Non-Reinforced) | 8 | 254.48 | 0.39 | Main |
| SWR_GRV_1253 | Concrete (Non-Reinforced) | 10 | 284.77 | 0.54 | Main |
| SWR_GRV_1254 | Concrete (Non-Reinforced) | 10 | 9.87 | 0.02 | Main |
| SWR_GRV_1255 | Concrete (Non-Reinforced) | 10 | 210.92 | 0.40 | Main |
| SWR_GRV_1256 | Concrete (Non-Reinforced) | 10 | 201.93 | 0.38 | Main |
| SWR_GRV_1257 | Concrete (Non-Reinforced) | 10 | 112.30 | 0.21 | Main |
| SWR_GRV_1258 | Concrete (Non-Reinforced) | 10 | 129.92 | 0.25 | Main |
| SWR_GRV_1293 | Concrete (Non-Reinforced) | 8 | 27.66 | 0.04 | Main |
| SWR_GRV_1297 | Concrete (Non-Reinforced) | 10 | 190.03 | 0.36 | Main |
| SWR_GRV_1298 | Concrete (Non-Reinforced) | 10 | 196.33 | 0.37 | Main |
| SWR_GRV_1299 | Concrete (Non-Reinforced) | 10 | 185.51 | 0.35 | Main |
| SWR_GRV_2343 | Terra Cotta | 12 | 200.06 | 0.45 | Main |
| SWR_GRV_2362 | Polyvinyl Chloride | 10 | 21.44 | 0.04 | Main |
| SWR_GRV_3 | Concrete (Non-Reinforced) | 10 | 120.44 | 0.23 | Main |
| SWR_GRV_4117 | Terra Cotta | 15 | 75.70 | 0.22 | Main |
| SWR_GRV_4119 | Terra Cotta | 15 | 189.35 | 0.54 | Main |
| SWR_GRV_4122 | Terra Cotta | 10 | 93.02 | 0.18 | Main |
| SWR_GRV_4153 | Terra Cotta | 18 | 84.13 | 0.29 | Main |
| SWR_GRV_4157 | Terra Cotta | 18 | 38.99 | 0.13 | Main |
| SWR_GRV_4349 | Terra Cotta | 12 | 190.66 | 0.43 | Main |
| SWR_GRV_512 | Concrete (Non-Reinforced) | 8 | 245.60 | 0.37 | Main |
| SWR_GRV_513 | Concrete (Non-Reinforced) | 8 | 114.20 | 0.17 | Main |
| SWR_GRV_5907 | Terra Cotta | 12 | 217.21 | 0.49 | Main |
| SWR_GRV_5911 | Terra Cotta | 12 | 177.98 | 0.40 | Main |
| SWR_GRV_5913 | Terra Cotta | 12 | 30.01 | 0.07 | Main |
| SWR_GRV_5915 | Terra Cotta | 12 | 86.99 | 0.20 | Main |
| SWR_GRV_5918 | Terra Cotta | 15 | 211.99 | 0.60 | Main |
| SWR_GRV_5921 | Terra Cotta | 15 | 208.92 | 0.59 | Main |
| SWR_GRV_5923 | Terra Cotta | 15 | 29.18 | 0.08 | Main |
| SWR_GRV_5927 | Terra Cotta | 18 | 24.69 | 0.08 | Main |
| SWR_GRV_5929 | Terra Cotta | 18 | 52.29 | 0.18 | Main |
| SWR_GRV_5931 | Terra Cotta | 18 | 101.12 | 0.34 | Main |
| SWR_GRV_5933 | Terra Cotta | 15 | 134.07 | 0.38 | Main |
| SWR_GRV_5935 | Terra Cotta | 15 | 204.02 | 0.58 | Main |
| SWR_GRV_5939 | Terra Cotta | 15 | 208.79 | 0.59 | Main |
| SWR_GRV_5941 | Terra Cotta | 15 | 206.01 | 0.59 | Main |
| SWR_GRV_5943 | Terra Cotta | 15 | 35.03 | 0.10 | Main |
| SWR_GRV_6108 | Terra Cotta | 8 | 8.92 | 0.01 | Main |
| SWR_GRV_6110 | Terra Cotta | 12 | 57.66 | 0.13 | Main |
| SWR_GRV_6113 | Terra Cotta | 12 | 116.65 | 0.27 | Main |
| SWR_GRV_6115 | Terra Cotta | 12 | 225.54 | 0.51 | Main |
| SWR_GRV_6117 | Terra Cotta | 12 | 198.08 | 0.45 | Main |
| SWR_GRV_6126 | Terra Cotta | 18 | 137.97 | 0.47 | Main |
| SWR_GRV_6128 | Terra Cotta | 18 | 153.43 | 0.52 | Main |
| SWR_GRV_6132 | Terra Cotta | 18 | 62.04 | 0.21 | Main |
| SWR_GRV_6135 | Terra Cotta | 18 | 131.93 | 0.45 | Main |
| SWR_GRV_6137 | Polyvinyl Chloride | 8 | 12.34 | 0.02 | Main |
| SWR_GRV_6139 | Terra Cotta | 18 | 185.16 | 0.63 | Main |
| SWR_GRV_632 | Concrete (Non-Reinforced) | 8 | 326.49 | 0.49 | Main |
| SWR_GRV_633 | Concrete (Non-Reinforced) | 8 | 203.00 | 0.31 | Main |
| SWR_GRV_634 | Concrete (Non-Reinforced) | 8 | 281.16 | 0.43 | Main |
| SWR_GRV_635 | Concrete (Non-Reinforced) | 8 | 193.37 | 0.29 | Main |
| SWR_GRV_648 | Concrete (Non-Reinforced) | 10 | 204.75 | 0.39 | Main |
| SWR_GRV_656 | Concrete (Non-Reinforced) | 10 | 22.78 | 0.04 | Main |
| SWR_GRV_657 | Concrete (Non-Reinforced) | 8 | 224.47 | 0.34 | Main |
| SWR_GRV_658 | Concrete (Non-Reinforced) | 10 | 245.20 | 0.46 | Main |
| SWR_GRV_659 | Concrete (Non-Reinforced) | 10 | 100.87 | 0.19 | Main |
| SWR_GRV_660 | Concrete (Non-Reinforced) | 10 | 215.89 | 0.41 | Main |
| SWR_LTR_14097 | Polyvinyl Chloride | 8 | 16.10 | 0.02 | Lateral |
| SWR_LTR_2371 | Polyvinyl Chloride | 12 | 33.59 | 0.08 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 27B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4616 | Polyvinyl Chloride | 10 | 31.03 | 0.06 | Lateral |
| SWR_LTR_4617 | Polyvinyl Chloride | 10 | 32.48 | 0.06 | Lateral |
| SWR_LTR_4618 | Polyvinyl Chloride | 10 | 27.56 | 0.05 | Lateral |
| SWR_LTR_4619 | Polyvinyl Chloride | 10 | 28.02 | 0.05 | Lateral |
| SWR_LTR_4620 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_4621 | Polyvinyl Chloride | 6 | 31.33 | 0.04 | Lateral |
| SWR_LTR_4622 | Polyvinyl Chloride | 10 | 32.01 | 0.06 | Lateral |
| SWR_LTR_4623 | Polyvinyl Chloride | 10 | 29.51 | 0.06 | Lateral |
| SWR_LTR_4624 | Polyvinyl Chloride | 10 | 26.52 | 0.05 | Lateral |
| SWR_LTR_4625 | Polyvinyl Chloride | 10 | 26.32 | 0.05 | Lateral |
| SWR_LTR_4626 | Polyvinyl Chloride | 6 | 28.97 | 0.03 | Lateral |
| SWR_LTR_4627 | Polyvinyl Chloride | 6 | 27.03 | 0.03 | Lateral |
| SWR_LTR_4628 | Polyvinyl Chloride | 6 | 23.99 | 0.03 | Lateral |
| SWR_LTR_4629 | Polyvinyl Chloride | 6 | 7.37 | 0.01 | Lateral |
| SWR_LTR_4630 | Polyvinyl Chloride | 6 | 7.37 | 0.01 | Lateral |
| SWR_LTR_4632 | Polyvinyl Chloride | 6 | 52.26 | 0.06 | Lateral |
| SWR_LTR_4634 | Polyvinyl Chloride | 6 | 36.23 | 0.04 | Lateral |
| SWR_LTR_4636 | Polyvinyl Chloride | 6 | 29.98 | 0.03 | Lateral |
| SWR_LTR_5877 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_5878 | Polyvinyl Chloride | 6 | 32.18 | 0.04 | Lateral |
| SWR_LTR_5879 | Polyvinyl Chloride | 6 | 34.13 | 0.04 | Lateral |
| SWR_LTR_5948 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_5956 | Polyvinyl Chloride | 6 | 32.26 | 0.04 | Lateral |
| SWR_LTR_5958 | Polyvinyl Chloride | 6 | 23.54 | 0.03 | Lateral |
| SWR_LTR_5960 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_5962 | Polyvinyl Chloride | 6 | 27.21 | 0.03 | Lateral |
| SWR_LTR_5963 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_5965 | Polyvinyl Chloride | 8 | 27.01 | 0.04 | Lateral |
| SWR_LTR_5967 | Polyvinyl Chloride | 10 | 31.01 | 0.06 | Lateral |
| SWR_LTR_5968 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_5970 | Polyvinyl Chloride | 6 | 26.14 | 0.03 | Lateral |
| SWR_LTR_7581 | Polyvinyl Chloride | 10 | 12.94 | 0.02 | Lateral |
| SWR_LTR_7794 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_7796 | Polyvinyl Chloride | 6 | 26.18 | 0.03 | Lateral |
| SWR_LTR_7798 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_7799 | Polyvinyl Chloride | 12 | 36.55 | 0.08 | Lateral |
| SWR_LTR_7802 | Polyvinyl Chloride | 12 | 10.73 | 0.02 | Lateral |
| SWR_LTR_7804 | Polyvinyl Chloride | 12 | 10.29 | 0.02 | Lateral |
| SWR_LTR_7806 | Polyvinyl Chloride | 6 | 21.97 | 0.02 | Lateral |
| SWR_LTR_7808 | Polyvinyl Chloride | 12 | 12.02 | 0.03 | Lateral |
| SWR_LTR_7810 | Polyvinyl Chloride | 12 | 11.29 | 0.03 | Lateral |
| SWR_LTR_7811 | Polyvinyl Chloride | 6 | 28.74 | 0.03 | Lateral |
| SWR_LTR_7812 | Polyvinyl Chloride | 10 | 24.22 | 0.05 | Lateral |
| SWR_LTR_7814 | Polyvinyl Chloride | 6 | 338.93 | 0.39 | Lateral |
| SWR_LTR_7817 | Polyvinyl Chloride | 12 | 11.31 | 0.03 | Lateral |
| SWR_LTR_7819 | Polyvinyl Chloride | 10 | 11.57 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1025 | Concrete (Non-Reinforced) | 10 | 202.74 | 0.38 | Main |
| SWR_GRV_1026 | Concrete (Non-Reinforced) | 10 | 192.53 | 0.36 | Main |
| SWR_GRV_1027 | Concrete (Non-Reinforced) | 10 | 195.85 | 0.37 | Main |
| SWR_GRV_1028 | Concrete (Non-Reinforced) | 10 | 411.43 | 0.78 | Main |
| SWR_GRV_1029 | Concrete (Non-Reinforced) | 8 | 394.79 | 0.60 | Main |
| SWR_GRV_1030 | Concrete (Non-Reinforced) | 8 | 57.75 | 0.09 | Main |
| SWR_GRV_1042 | Concrete (Non-Reinforced) | 8 | 254.48 | 0.39 | Main |
| SWR_GRV_1045 | Concrete (Non-Reinforced) | 8 | 51.31 | 0.08 | Main |
| SWR_GRV_1092 | Concrete (Non-Reinforced) | 8 | 88.12 | 0.13 | Main |
| SWR_GRV_1093 | Concrete (Non-Reinforced) | 12 | 96.54 | 0.22 | Main |
| SWR_GRV_1094 | Concrete (Non-Reinforced) | 12 | 90.34 | 0.21 | Main |
| SWR_GRV_1095 | Concrete (Non-Reinforced) | 12 | 233.43 | 0.53 | Main |
| SWR_GRV_11 | Concrete (Non-Reinforced) | 8 | 105.91 | 0.16 | Main |
| SWR_GRV_12 | Concrete (Non-Reinforced) | 8 | 209.70 | 0.32 | Main |
| SWR_GRV_1204 | Concrete (Non-Reinforced) | 8 | 198.36 | 0.30 | Main |
| SWR_GRV_1209 | Concrete (Non-Reinforced) | 8 | 73.47 | 0.11 | Main |
| SWR_GRV_1210 | Concrete (Non-Reinforced) | 8 | 69.69 | 0.11 | Main |
| SWR_GRV_1211 | Concrete (Non-Reinforced) | 8 | 61.45 | 0.09 | Main |
| SWR_GRV_1212 | Concrete (Non-Reinforced) | 8 | 7.41 | 0.01 | Main |
| SWR_GRV_1213 | Concrete (Non-Reinforced) | 8 | 136.00 | 0.21 | Main |
| SWR_GRV_1214 | Concrete (Non-Reinforced) | 8 | 146.69 | 0.22 | Main |
| SWR_GRV_1215 | Concrete (Non-Reinforced) | 18 | 9.46 | 0.03 | Main |
| SWR_GRV_1263 | Concrete (Non-Reinforced) | 8 | 24.37 | 0.04 | Main |
| SWR_GRV_1264 | Concrete (Non-Reinforced) | 8 | 28.19 | 0.04 | Main |
| SWR_GRV_1265 | Concrete (Non-Reinforced) | 8 | 15.88 | 0.02 | Main |
| SWR_GRV_1267 | Concrete (Non-Reinforced) | 8 | 18.14 | 0.03 | Main |
| SWR_GRV_1268 | Concrete (Non-Reinforced) | 8 | 301.43 | 0.46 | Main |
| SWR_GRV_1269 | Concrete (Non-Reinforced) | 8 | 349.70 | 0.53 | Main |
| SWR_GRV_1270 | Concrete (Non-Reinforced) | 8 | 124.74 | 0.19 | Main |
| SWR_GRV_1271 | Concrete (Non-Reinforced) | 8 | 108.45 | 0.16 | Main |
| SWR_GRV_1272 | Concrete (Non-Reinforced) | 8 | 106.40 | 0.16 | Main |
| SWR_GRV_1347 | Concrete (Non-Reinforced) | 8 | 24.05 | 0.04 | Main |
| SWR_GRV_1348 | Concrete (Non-Reinforced) | 8 | 51.16 | 0.08 | Main |
| SWR_GRV_1349 | Concrete (Non-Reinforced) | 21 | 165.90 | 0.66 | Main |
| SWR_GRV_1353 | Concrete (Non-Reinforced) | 18 | 80.18 | 0.27 | Main |
| SWR_GRV_1354 | Concrete (Non-Reinforced) | 18 | 8.64 | 0.03 | Main |
| SWR_GRV_1355 | Concrete (Non-Reinforced) | 20 | 243.19 | 0.92 | Main |
| SWR_GRV_1365 | Concrete (Non-Reinforced) | 8 | 210.80 | 0.32 | Main |
| SWR_GRV_1366 | Concrete (Non-Reinforced) | 8 | 245.25 | 0.37 | Main |
| SWR_GRV_1367 | Concrete (Non-Reinforced) | 8 | 256.60 | 0.39 | Main |
| SWR_GRV_1494 | Concrete (Non-Reinforced) | 8 | 78.75 | 0.12 | Main |
| SWR_GRV_1732 | Concrete (Non-Reinforced) | 8 | 126.62 | 0.19 | Main |
| SWR_GRV_1736 | Concrete (Non-Reinforced) | 8 | 151.46 | 0.23 | Main |
| SWR_GRV_1737 | Concrete (Non-Reinforced) | 8 | 268.75 | 0.41 | Main |
| SWR_GRV_1738 | Concrete (Non-Reinforced) | 8 | 116.81 | 0.18 | Main |
| SWR_GRV_1739 | Concrete (Non-Reinforced) | 8 | 260.29 | 0.39 | Main |
| SWR_GRV_1740 | Concrete (Non-Reinforced) | 8 | 241.11 | 0.37 | Main |
| SWR_GRV_1742 | Concrete (Non-Reinforced) | 8 | 159.55 | 0.24 | Main |
| SWR_GRV_1743 | Concrete (Non-Reinforced) | 8 | 319.83 | 0.48 | Main |
| SWR_GRV_1744 | Concrete (Non-Reinforced) | 8 | 209.84 | 0.32 | Main |
| SWR_GRV_1745 | Concrete (Non-Reinforced) | 8 | 293.13 | 0.44 | Main |
| SWR_GRV_1746 | Concrete (Non-Reinforced) | 8 | 95.35 | 0.14 | Main |
| SWR_GRV_1747 | Concrete (Non-Reinforced) | 8 | 171.38 | 0.26 | Main |
| SWR_GRV_1748 | Concrete (Non-Reinforced) | 8 | 223.50 | 0.34 | Main |
| SWR_GRV_1749 | Concrete (Non-Reinforced) | 8 | 281.20 | 0.43 | Main |
| SWR_GRV_1750 | Concrete (Non-Reinforced) | 8 | 111.45 | 0.17 | Main |
| SWR_GRV_19162 | Vitrified Clay | 18 | 194.10 | 0.66 | Main |
| SWR_GRV_19163 | Unknown | 8 | 260.09 | 0.39 | Main |
| SWR_GRV_19164 | Unknown | 12 | 129.98 | 0.30 | Main |
| SWR_GRV_19166 | Unknown | 12 | 349.93 | 0.80 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_19167 | Terra Cotta | 18 | 79.56 | 0.27 | Main |
| SWR_GRV_2245 | Concrete (Non-Reinforced) | 8 | 432.58 | 0.66 | Main |
| SWR_GRV_2338 | Terra Cotta | 12 | 143.42 | 0.33 | Main |
| SWR_GRV_2360 | Other | 12 | 148.57 | 0.34 | Main |
| SWR_GRV_2701 | Terra Cotta | 8 | 42.92 | 0.07 | Main |
| SWR_GRV_3770 | Terra Cotta | 12 | 212.51 | 0.48 | Main |
| SWR_GRV_3772 | Terra Cotta | 12 | 186.11 | 0.42 | Main |
| SWR_GRV_3774 | Terra Cotta | 8 | 206.11 | 0.31 | Main |
| SWR_GRV_3776 | Terra Cotta | 12 | 195.31 | 0.44 | Main |
| SWR_GRV_3778 | Terra Cotta | 12 | 248.35 | 0.56 | Main |
| SWR_GRV_3780 | Terra Cotta | 8 | 323.61 | 0.49 | Main |
| SWR_GRV_3783 | Terra Cotta | 8 | 118.30 | 0.18 | Main |
| SWR_GRV_3785 | Terra Cotta | 12 | 297.58 | 0.68 | Main |
| SWR_GRV_3930 | Terra Cotta | 12 | 292.99 | 0.67 | Main |
| SWR_GRV_3933 | Terra Cotta | 12 | 228.59 | 0.52 | Main |
| SWR_GRV_3936 | Terra Cotta | 12 | 135.61 | 0.31 | Main |
| SWR_GRV_4099 | Terra Cotta | 8 | 129.00 | 0.20 | Main |
| SWR_GRV_4357 | Terra Cotta | 12 | 133.86 | 0.30 | Main |
| SWR_GRV_4604 | Terra Cotta | 8 | 22.69 | 0.03 | Main |
| SWR_GRV_4606 | Terra Cotta | 8 | 312.19 | 0.47 | Main |
| SWR_GRV_4608 | Terra Cotta | 8 | 186.45 | 0.28 | Main |
| SWR_GRV_4610 | Terra Cotta | 8 | 68.18 | 0.10 | Main |
| SWR_GRV_4612 | Terra Cotta | 8 | 98.86 | 0.15 | Main |
| SWR_GRV_4673 | Terra Cotta | 18 | 211.12 | 0.72 | Main |
| SWR_GRV_5099 | Terra Cotta | 10 | 267.22 | 0.51 | Main |
| SWR_GRV_5104 | Terra Cotta | 8 | 57.81 | 0.09 | Main |
| SWR_GRV_5107 | Terra Cotta | 8 | 43.12 | 0.07 | Main |
| SWR_GRV_5109 | Terra Cotta | 8 | 191.59 | 0.29 | Main |
| SWR_GRV_5111 | Terra Cotta | 8 | 149.78 | 0.23 | Main |
| SWR_GRV_5113 | Terra Cotta | 8 | 132.52 | 0.20 | Main |
| SWR_GRV_5115 | Terra Cotta | 8 | 59.44 | 0.09 | Main |
| SWR_GRV_5117 | Terra Cotta | 8 | 133.74 | 0.20 | Main |
| SWR_GRV_5119 | Terra Cotta | 8 | 205.36 | 0.31 | Main |
| SWR_GRV_5121 | Terra Cotta | 8 | 203.25 | 0.31 | Main |
| SWR_GRV_5123 | Terra Cotta | 8 | 197.44 | 0.30 | Main |
| SWR_GRV_5125 | Terra Cotta | 8 | 10.63 | 0.02 | Main |
| SWR_GRV_5127 | Terra Cotta | 8 | 8.48 | 0.01 | Main |
| SWR_GRV_5129 | Terra Cotta | 8 | 303.68 | 0.46 | Main |
| SWR_GRV_5797 | Terra Cotta | 12 | 186.38 | 0.42 | Main |
| SWR_GRV_5799 | Terra Cotta | 8 | 158.70 | 0.24 | Main |
| SWR_GRV_5801 | Terra Cotta | 12 | 166.90 | 0.38 | Main |
| SWR_GRV_5807 | Terra Cotta | 12 | 90.91 | 0.21 | Main |
| SWR_GRV_5809 | Terra Cotta | 12 | 61.66 | 0.14 | Main |
| SWR_GRV_5811 | Terra Cotta | 18 | 188.58 | 0.64 | Main |
| SWR_GRV_5815 | Terra Cotta | 15 | 74.27 | 0.21 | Main |
| SWR_GRV_5817 | Terra Cotta | 15 | 87.14 | 0.25 | Main |
| SWR_GRV_5819 | Terra Cotta | 18 | 177.08 | 0.60 | Main |
| SWR_GRV_5822 | Terra Cotta | 8 | 24.73 | 0.04 | Main |
| SWR_GRV_5824 | Terra Cotta | 8 | 76.03 | 0.12 | Main |
| SWR_GRV_5826 | Terra Cotta | 15 | 145.16 | 0.41 | Main |
| SWR_GRV_5828 | Terra Cotta | 15 | 25.99 | 0.07 | Main |
| SWR_GRV_5830 | Terra Cotta | 8 | 216.27 | 0.33 | Main |
| SWR_GRV_5832 | Terra Cotta | 8 | 68.62 | 0.10 | Main |
| SWR_GRV_5834 | Terra Cotta | 8 | 231.29 | 0.35 | Main |
| SWR_GRV_5836 | Terra Cotta | 12 | 404.05 | 0.92 | Main |
| SWR_GRV_5838 | Terra Cotta | 12 | 108.33 | 0.25 | Main |
| SWR_GRV_5840 | Terra Cotta | 12 | 217.77 | 0.49 | Main |
| SWR_GRV_5842 | Terra Cotta | 8 | 110.03 | 0.17 | Main |
| SWR_GRV_5844 | Terra Cotta | 8 | 321.00 | 0.49 | Main |
| SWR_GRV_5846 | Terra Cotta | 12 | 6.00 | 0.01 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_5896 | Terra Cotta | 18 | 300.01 | 1.02 | Main |
| SWR_GRV_5898 | Other | 8 | 38.66 | 0.06 | Main |
| SWR_GRV_5901 | Other | 12 | 120.37 | 0.27 | Main |
| SWR_GRV_5903 | Other | 8 | 226.33 | 0.34 | Main |
| SWR_GRV_5905 | Other | 8 | 261.08 | 0.40 | Main |
| SWR_GRV_5947 | Terra Cotta | 15 | 203.01 | 0.58 | Main |
| SWR_GRV_5949 | Terra Cotta | 12 | 61.31 | 0.14 | Main |
| SWR_GRV_5951 | Terra Cotta | 12 | 28.31 | 0.06 | Main |
| SWR_GRV_5953 | Terra Cotta | 12 | 58.45 | 0.13 | Main |
| SWR_GRV_5955 | Terra Cotta | 12 | 412.70 | 0.94 | Main |
| SWR_GRV_5957 | Terra Cotta | 12 | 94.52 | 0.21 | Main |
| SWR_GRV_5959 | Terra Cotta | 12 | 38.99 | 0.09 | Main |
| SWR_GRV_5961 | Terra Cotta | 12 | 184.88 | 0.42 | Main |
| SWR_GRV_5964 | Terra Cotta | 12 | 96.24 | 0.22 | Main |
| SWR_GRV_5966 | Terra Cotta | 12 | 154.95 | 0.35 | Main |
| SWR_GRV_6475 | Terra Cotta | 8 | 64.94 | 0.10 | Main |
| SWR_GRV_6489 | Terra Cotta | 8 | 102.71 | 0.16 | Main |
| SWR_GRV_7042 | Terra Cotta | 8 | 40.82 | 0.06 | Main |
| SWR_GRV_7045 | Terra Cotta | 8 | 46.23 | 0.07 | Main |
| SWR_GRV_7047 | Terra Cotta | 8 | 282.61 | 0.43 | Main |
| SWR_GRV_831 | Concrete (Non-Reinforced) | 8 | 191.66 | 0.29 | Main |
| SWR_GRV_832 | Concrete (Non-Reinforced) | 8 | 175.35 | 0.27 | Main |
| SWR_GRV_837 | Terra Cotta | 8 | 176.55 | 0.27 | Main |
| SWR_GRV_850 | Concrete (Non-Reinforced) | 8 | 271.37 | 0.41 | Main |
| SWR_GRV_851 | Concrete (Non-Reinforced) | 8 | 226.68 | 0.34 | Main |
| SWR_GRV_852 | Concrete (Non-Reinforced) | 8 | 136.88 | 0.21 | Main |
| SWR_GRV_853 | Concrete (Non-Reinforced) | 8 | 155.11 | 0.24 | Main |
| SWR_GRV_854 | Concrete (Non-Reinforced) | 8 | 401.73 | 0.61 | Main |
| SWR_LTR_10021 | Polyvinyl Chloride | 6 | 7.92 | 0.01 | Lateral |
| SWR_LTR_10022 | Polyvinyl Chloride | 6 | 2.95 | 0.003 | Lateral |
| SWR_LTR_10023 | Polyvinyl Chloride | 6 | 2.21 | 0.003 | Lateral |
| SWR_LTR_10024 | Polyvinyl Chloride | 6 | 2.47 | 0.003 | Lateral |
| SWR_LTR_10058 | Polyvinyl Chloride | 6 | 4.68 | 0.01 | Lateral |
| SWR_LTR_10059 | Polyvinyl Chloride | 6 | 12.70 | 0.01 | Lateral |
| SWR_LTR_10060 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_10061 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_10062 | Polyvinyl Chloride | 6 | 7.21 | 0.01 | Lateral |
| SWR_LTR_10063 | Polyvinyl Chloride | 4 | 10.83 | 0.01 | Lateral |
| SWR_LTR_10064 | Polyvinyl Chloride | 6 | 10.81 | 0.01 | Lateral |
| SWR_LTR_10065 | Polyvinyl Chloride | 6 | 8.06 | 0.01 | Lateral |
| SWR_LTR_10068 | Polyvinyl Chloride | 6 | 3.66 | 0.004 | Lateral |
| SWR_LTR_10069 | Terra Cotta | 6 | 3.63 | 0.004 | Lateral |
| SWR_LTR_10237 | Polyvinyl Chloride | 6 | 3.95 | 0.004 | Lateral |
| SWR_LTR_10238 | Polyvinyl Chloride | 6 | 2.72 | 0.003 | Lateral |
| SWR_LTR_10239 | Polyvinyl Chloride | 6 | 3.59 | 0.004 | Lateral |
| SWR_LTR_10240 | Polyvinyl Chloride | 6 | 9.34 | 0.01 | Lateral |
| SWR_LTR_10241 | Polyvinyl Chloride | 6 | 8.02 | 0.01 | Lateral |
| SWR_LTR_10242 | Polyvinyl Chloride | 6 | 29.77 | 0.03 | Lateral |
| SWR_LTR_10243 | Polyvinyl Chloride | 8 | 36.61 | 0.06 | Lateral |
| SWR_LTR_10369 | Polyvinyl Chloride | 6 | 4.41 | 0.01 | Lateral |
| SWR_LTR_10370 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_10371 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_10372 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_10373 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_10374 | Polyvinyl Chloride | 6 | 2.16 | 0.002 | Lateral |
| SWR_LTR_10375 | Polyvinyl Chloride | 6 | 15.53 | 0.02 | Lateral |
| SWR_LTR_10376 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_10377 | Polyvinyl Chloride | 6 | 3.79 | 0.004 | Lateral |
| SWR_LTR_10378 | Polyvinyl Chloride | 6 | 21.32 | 0.02 | Lateral |
| SWR_LTR_10379 | Polyvinyl Chloride | 6 | 22.89 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10380 | Polyvinyl Chloride | 6 | 29.39 | 0.03 | Lateral |
| SWR_LTR_10381 | Polyvinyl Chloride | 6 | 29.41 | 0.03 | Lateral |
| SWR_LTR_10382 | Polyvinyl Chloride | 6 | 24.94 | 0.03 | Lateral |
| SWR_LTR_10383 | Polyvinyl Chloride | 6 | 29.06 | 0.03 | Lateral |
| SWR_LTR_10384 | Polyvinyl Chloride | 6 | 35.59 | 0.04 | Lateral |
| SWR_LTR_10385 | Polyvinyl Chloride | 6 | 32.79 | 0.04 | Lateral |
| SWR_LTR_10386 | Polyvinyl Chloride | 6 | 25.58 | 0.03 | Lateral |
| SWR_LTR_10387 | Polyvinyl Chloride | 6 | 25.79 | 0.03 | Lateral |
| SWR_LTR_10388 | Polyvinyl Chloride | 6 | 26.68 | 0.03 | Lateral |
| SWR_LTR_10389 | Polyvinyl Chloride | 6 | 23.39 | 0.03 | Lateral |
| SWR_LTR_10390 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_10391 | Polyvinyl Chloride | 6 | 25.04 | 0.03 | Lateral |
| SWR_LTR_10580 | Polyvinyl Chloride | 6 | 78.48 | 0.09 | Lateral |
| SWR_LTR_10581 | Polyvinyl Chloride | 6 | 86.40 | 0.10 | Lateral |
| SWR_LTR_10622 | Polyvinyl Chloride | 6 | 23.50 | 0.03 | Lateral |
| SWR_LTR_10624 | Polyvinyl Chloride | 6 | 26.50 | 0.03 | Lateral |
| SWR_LTR_10848 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_10849 | Polyvinyl Chloride | 6 | 3.39 | 0.004 | Lateral |
| SWR_LTR_10850 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_10929 | Polyvinyl Chloride | 6 | 16.36 | 0.02 | Lateral |
| SWR_LTR_10930 | Polyvinyl Chloride | 6 | 11.77 | 0.01 | Lateral |
| SWR_LTR_10931 | Polyvinyl Chloride | 6 | 31.01 | 0.04 | Lateral |
| SWR_LTR_10932 | Polyvinyl Chloride | 6 | 8.38 | 0.01 | Lateral |
| SWR_LTR_10933 | Polyvinyl Chloride | 6 | 5.80 | 0.01 | Lateral |
| SWR_LTR_10934 | Polyvinyl Chloride | 6 | 6.96 | 0.01 | Lateral |
| SWR_LTR_10938 | Polyvinyl Chloride | 6 | 1.69 | 0.002 | Lateral |
| SWR_LTR_10939 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_10940 | Polyvinyl Chloride | 6 | 2.80 | 0.003 | Lateral |
| SWR_LTR_10941 | Polyvinyl Chloride | 6 | 34.13 | 0.04 | Lateral |
| SWR_LTR_10942 | Polyvinyl Chloride | 6 | 38.05 | 0.04 | Lateral |
| SWR_LTR_10943 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_10944 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_10945 | Polyvinyl Chloride | 6 | 28.63 | 0.03 | Lateral |
| SWR_LTR_10946 | Polyvinyl Chloride | 6 | 25.72 | 0.03 | Lateral |
| SWR_LTR_10947 | Polyvinyl Chloride | 6 | 27.72 | 0.03 | Lateral |
| SWR_LTR_10948 | Polyvinyl Chloride | 6 | 24.22 | 0.03 | Lateral |
| SWR_LTR_10949 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_11149 | Polyvinyl Chloride | 6 | 1.61 | 0.002 | Lateral |
| SWR_LTR_11150 | Polyvinyl Chloride | 6 | 2.00 | 0.002 | Lateral |
| SWR_LTR_11151 | Polyvinyl Chloride | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_11152 | Polyvinyl Chloride | 6 | 13.41 | 0.02 | Lateral |
| SWR_LTR_11153 | Polyvinyl Chloride | 6 | 7.71 | 0.01 | Lateral |
| SWR_LTR_11154 | Polyvinyl Chloride | 6 | 11.09 | 0.01 | Lateral |
| SWR_LTR_11155 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_11156 | Polyvinyl Chloride | 6 | 45.69 | 0.05 | Lateral |
| SWR_LTR_11157 | Polyvinyl Chloride | 6 | 30.68 | 0.03 | Lateral |
| SWR_LTR_11220 | Polyvinyl Chloride | 6 | 34.66 | 0.04 | Lateral |
| SWR_LTR_11222 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_11223 | Polyvinyl Chloride | 6 | 1.85 | 0.002 | Lateral |
| SWR_LTR_11224 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_11225 | Polyvinyl Chloride | 6 | 2.33 | 0.003 | Lateral |
| SWR_LTR_11226 | Polyvinyl Chloride | 6 | 2.74 | 0.003 | Lateral |
| SWR_LTR_11227 | Polyvinyl Chloride | 6 | 1.68 | 0.002 | Lateral |
| SWR_LTR_11228 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_11229 | Polyvinyl Chloride | 6 | 2.56 | 0.003 | Lateral |
| SWR_LTR_11230 | Polyvinyl Chloride | 6 | 1.74 | 0.002 | Lateral |
| SWR_LTR_11231 | Polyvinyl Chloride | 6 | 2.12 | 0.002 | Lateral |
| SWR_LTR_11232 | Polyvinyl Chloride | 6 | 2.52 | 0.003 | Lateral |
| SWR_LTR_11233 | Polyvinyl Chloride | 6 | 1.69 | 0.002 | Lateral |
| SWR_LTR_11234 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11235 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11236 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11237 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_11238 | Polyvinyl Chloride | 6 | 3.28 | 0.004 | Lateral |
| SWR_LTR_11239 | Polyvinyl Chloride | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_11277 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11278 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11279 | Polyvinyl Chloride | 6 | 3.75 | 0.004 | Lateral |
| SWR_LTR_11280 | Polyvinyl Chloride | 6 | 3.96 | 0.004 | Lateral |
| SWR_LTR_11281 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_11282 | Polyvinyl Chloride | 6 | 1.69 | 0.002 | Lateral |
| SWR_LTR_11283 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_11284 | Polyvinyl Chloride | 6 | 1.94 | 0.002 | Lateral |
| SWR_LTR_11285 | Polyvinyl Chloride | 6 | 1.74 | 0.002 | Lateral |
| SWR_LTR_11286 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_11287 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_11288 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11289 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_11290 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11291 | Polyvinyl Chloride | 6 | 7.85 | 0.01 | Lateral |
| SWR_LTR_11292 | Polyvinyl Chloride | 6 | 2.68 | 0.003 | Lateral |
| SWR_LTR_11293 | Polyvinyl Chloride | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_11294 | Polyvinyl Chloride | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11295 | Polyvinyl Chloride | 6 | 1.84 | 0.002 | Lateral |
| SWR_LTR_11296 | Polyvinyl Chloride | 6 | 2.78 | 0.003 | Lateral |
| SWR_LTR_11297 | Polyvinyl Chloride | 6 | 26.09 | 0.03 | Lateral |
| SWR_LTR_11298 | Polyvinyl Chloride | 6 | 22.41 | 0.03 | Lateral |
| SWR_LTR_11299 | Polyvinyl Chloride | 6 | 26.66 | 0.03 | Lateral |
| SWR_LTR_11300 | Polyvinyl Chloride | 6 | 25.98 | 0.03 | Lateral |
| SWR_LTR_11301 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_11302 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_11303 | Polyvinyl Chloride | 6 | 30.74 | 0.03 | Lateral |
| SWR_LTR_11304 | Polyvinyl Chloride | 6 | 29.74 | 0.03 | Lateral |
| SWR_LTR_11305 | Polyvinyl Chloride | 6 | 27.18 | 0.03 | Lateral |
| SWR_LTR_11306 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_11307 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_11308 | Polyvinyl Chloride | 6 | 39.38 | 0.04 | Lateral |
| SWR_LTR_11309 | Polyvinyl Chloride | 6 | 34.72 | 0.04 | Lateral |
| SWR_LTR_11310 | Polyvinyl Chloride | 6 | 38.69 | 0.04 | Lateral |
| SWR_LTR_11311 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_11312 | Polyvinyl Chloride | 6 | 33.59 | 0.04 | Lateral |
| SWR_LTR_11313 | Polyvinyl Chloride | 6 | 34.56 | 0.04 | Lateral |
| SWR_LTR_11314 | Polyvinyl Chloride | 6 | 26.61 | 0.03 | Lateral |
| SWR_LTR_11315 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_11316 | Polyvinyl Chloride | 6 | 33.04 | 0.04 | Lateral |
| SWR_LTR_11317 | Polyvinyl Chloride | 6 | 42.59 | 0.05 | Lateral |
| SWR_LTR_11318 | Polyvinyl Chloride | 6 | 30.73 | 0.03 | Lateral |
| SWR_LTR_11319 | Polyvinyl Chloride | 6 | 29.29 | 0.03 | Lateral |
| SWR_LTR_11320 | Polyvinyl Chloride | 6 | 30.69 | 0.03 | Lateral |
| SWR_LTR_11321 | Polyvinyl Chloride | 6 | 32.73 | 0.04 | Lateral |
| SWR_LTR_11322 | Polyvinyl Chloride | 6 | 26.70 | 0.03 | Lateral |
| SWR_LTR_11323 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_11324 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_11325 | Polyvinyl Chloride | 6 | 33.19 | 0.04 | Lateral |
| SWR_LTR_11326 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_11327 | Polyvinyl Chloride | 6 | 27.22 | 0.03 | Lateral |
| SWR_LTR_11328 | Polyvinyl Chloride | 6 | 44.23 | 0.05 | Lateral |
| SWR_LTR_11329 | Polyvinyl Chloride | 6 | 30.68 | 0.03 | Lateral |
| SWR_LTR_11330 | Polyvinyl Chloride | 6 | 32.18 | 0.04 | Lateral |
| SWR_LTR_11331 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11332 | Polyvinyl Chloride | 6 | 45.92 | 0.05 | Lateral |
| SWR_LTR_11333 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_11334 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_11335 | Polyvinyl Chloride | 6 | 27.90 | 0.03 | Lateral |
| SWR_LTR_11336 | Polyvinyl Chloride | 6 | 27.93 | 0.03 | Lateral |
| SWR_LTR_11337 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_11343 | Polyvinyl Chloride | 6 | 7.70 | 0.01 | Lateral |
| SWR_LTR_11344 | Polyvinyl Chloride | 6 | 3.21 | 0.004 | Lateral |
| SWR_LTR_11345 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_11346 | Polyvinyl Chloride | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_11347 | Polyvinyl Chloride | 6 | 5.49 | 0.01 | Lateral |
| SWR_LTR_11348 | Polyvinyl Chloride | 6 | 4.95 | 0.01 | Lateral |
| SWR_LTR_11349 | Polyvinyl Chloride | 6 | 6.63 | 0.01 | Lateral |
| SWR_LTR_11350 | Polyvinyl Chloride | 6 | 7.71 | 0.01 | Lateral |
| SWR_LTR_11351 | Polyvinyl Chloride | 6 | 3.14 | 0.004 | Lateral |
| SWR_LTR_11352 | Polyvinyl Chloride | 6 | 2.09 | 0.002 | Lateral |
| SWR_LTR_11353 | Polyvinyl Chloride | 6 | 9.01 | 0.01 | Lateral |
| SWR_LTR_11354 | Polyvinyl Chloride | 6 | 8.84 | 0.01 | Lateral |
| SWR_LTR_11355 | Polyvinyl Chloride | 6 | 10.89 | 0.01 | Lateral |
| SWR_LTR_11356 | Polyvinyl Chloride | 6 | 5.06 | 0.01 | Lateral |
| SWR_LTR_11357 | Polyvinyl Chloride | 6 | 4.76 | 0.01 | Lateral |
| SWR_LTR_11358 | Polyvinyl Chloride | 6 | 10.69 | 0.01 | Lateral |
| SWR_LTR_11359 | Polyvinyl Chloride | 6 | 18.57 | 0.02 | Lateral |
| SWR_LTR_11360 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_11361 | Polyvinyl Chloride | 6 | 3.08 | 0.004 | Lateral |
| SWR_LTR_11362 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_11363 | Polyvinyl Chloride | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_11364 | Polyvinyl Chloride | 6 | 1.84 | 0.002 | Lateral |
| SWR_LTR_11365 | Polyvinyl Chloride | 6 | 17.86 | 0.02 | Lateral |
| SWR_LTR_11366 | Polyvinyl Chloride | 6 | 6.32 | 0.01 | Lateral |
| SWR_LTR_11367 | Polyvinyl Chloride | 6 | 12.67 | 0.01 | Lateral |
| SWR_LTR_11368 | Polyvinyl Chloride | 6 | 9.96 | 0.01 | Lateral |
| SWR_LTR_11369 | Polyvinyl Chloride | 6 | 1.69 | 0.002 | Lateral |
| SWR_LTR_11392 | Polyvinyl Chloride | 6 | 6.99 | 0.01 | Lateral |
| SWR_LTR_11393 | Polyvinyl Chloride | 6 | 3.74 | 0.004 | Lateral |
| SWR_LTR_11394 | Polyvinyl Chloride | 6 | 11.01 | 0.01 | Lateral |
| SWR_LTR_11395 | Polyvinyl Chloride | 6 | 9.15 | 0.01 | Lateral |
| SWR_LTR_11418 | Polyvinyl Chloride | 6 | 28.22 | 0.03 | Lateral |
| SWR_LTR_11419 | Polyvinyl Chloride | 6 | 28.71 | 0.03 | Lateral |
| SWR_LTR_11569 | Polyvinyl Chloride | 6 | 43.21 | 0.05 | Lateral |
| SWR_LTR_11624 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_11625 | Polyvinyl Chloride | 6 | 15.35 | 0.02 | Lateral |
| SWR_LTR_11626 | Polyvinyl Chloride | 6 | 16.99 | 0.02 | Lateral |
| SWR_LTR_11627 | Polyvinyl Chloride | 6 | 34.30 | 0.04 | Lateral |
| SWR_LTR_11628 | Polyvinyl Chloride | 6 | 41.62 | 0.05 | Lateral |
| SWR_LTR_11629 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_11630 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_11631 | Polyvinyl Chloride | 6 | 28.36 | 0.03 | Lateral |
| SWR_LTR_11632 | Polyvinyl Chloride | 6 | 32.07 | 0.04 | Lateral |
| SWR_LTR_11633 | Polyvinyl Chloride | 6 | 25.11 | 0.03 | Lateral |
| SWR_LTR_11634 | Polyvinyl Chloride | 6 | 22.92 | 0.03 | Lateral |
| SWR_LTR_11635 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_11659 | Polyvinyl Chloride | 6 | 2.72 | 0.003 | Lateral |
| SWR_LTR_11660 | Polyvinyl Chloride | 6 | 1.35 | 0.002 | Lateral |
| SWR_LTR_11661 | Polyvinyl Chloride | 6 | 6.88 | 0.01 | Lateral |
| SWR_LTR_11662 | Polyvinyl Chloride | 6 | 7.65 | 0.01 | Lateral |
| SWR_LTR_11663 | Polyvinyl Chloride | 6 | 6.69 | 0.01 | Lateral |
| SWR_LTR_11664 | Polyvinyl Chloride | 6 | 1.58 | 0.002 | Lateral |
| SWR_LTR_11665 | Polyvinyl Chloride | 6 | 3.04 | 0.003 | Lateral |
| SWR_LTR_11666 | Polyvinyl Chloride | 6 | 3.00 | 0.003 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11667 | Polyvinyl Chloride | 6 | 3.07 | 0.003 | Lateral |
| SWR_LTR_11668 | Polyvinyl Chloride | 6 | 2.93 | 0.003 | Lateral |
| SWR_LTR_11669 | Polyvinyl Chloride | 6 | 2.95 | 0.003 | Lateral |
| SWR_LTR_11670 | Polyvinyl Chloride | 6 | 2.91 | 0.003 | Lateral |
| SWR_LTR_11671 | Polyvinyl Chloride | 6 | 7.87 | 0.01 | Lateral |
| SWR_LTR_11672 | Polyvinyl Chloride | 6 | 7.77 | 0.01 | Lateral |
| SWR_LTR_11677 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_11678 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_11679 | Polyvinyl Chloride | 6 | 35.11 | 0.04 | Lateral |
| SWR_LTR_11680 | Polyvinyl Chloride | 6 | 30.32 | 0.03 | Lateral |
| SWR_LTR_11722 | Polyvinyl Chloride | 6 | 74.73 | 0.08 | Lateral |
| SWR_LTR_11739 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_11740 | Polyvinyl Chloride | 6 | 2.44 | 0.003 | Lateral |
| SWR_LTR_11741 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_11908 | Polyvinyl Chloride | 6 | 7.85 | 0.01 | Lateral |
| SWR_LTR_11909 | Polyvinyl Chloride | 6 | 2.42 | 0.003 | Lateral |
| SWR_LTR_11910 | Polyvinyl Chloride | 6 | 3.22 | 0.004 | Lateral |
| SWR_LTR_11911 | Polyvinyl Chloride | 6 | 20.48 | 0.02 | Lateral |
| SWR_LTR_11912 | Polyvinyl Chloride | 6 | 24.47 | 0.03 | Lateral |
| SWR_LTR_11913 | Polyvinyl Chloride | 6 | 23.10 | 0.03 | Lateral |
| SWR_LTR_11914 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11915 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_11916 | Polyvinyl Chloride | 6 | 29.61 | 0.03 | Lateral |
| SWR_LTR_11917 | Polyvinyl Chloride | 6 | 30.42 | 0.03 | Lateral |
| SWR_LTR_11918 | Polyvinyl Chloride | 6 | 24.65 | 0.03 | Lateral |
| SWR_LTR_11919 | Polyvinyl Chloride | 6 | 28.70 | 0.03 | Lateral |
| SWR_LTR_11920 | Polyvinyl Chloride | 6 | 27.83 | 0.03 | Lateral |
| SWR_LTR_11921 | Polyvinyl Chloride | 6 | 26.97 | 0.03 | Lateral |
| SWR_LTR_11922 | Polyvinyl Chloride | 6 | 25.32 | 0.03 | Lateral |
| SWR_LTR_11923 | Polyvinyl Chloride | 6 | 25.61 | 0.03 | Lateral |
| SWR_LTR_11924 | Polyvinyl Chloride | 6 | 25.88 | 0.03 | Lateral |
| SWR_LTR_11925 | Polyvinyl Chloride | 6 | 26.16 | 0.03 | Lateral |
| SWR_LTR_147 | Concrete (Non-Reinforced) | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_148 | Concrete (Non-Reinforced) | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_149 | Concrete (Non-Reinforced) | 6 | 1.73 | 0.002 | Lateral |
| SWR_LTR_150 | Concrete (Non-Reinforced) | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_151 | Concrete (Non-Reinforced) | 6 | 5.00 | 0.01 | Lateral |
| SWR_LTR_152 | Concrete (Non-Reinforced) | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_15200 | Polyvinyl Chloride | 6 | 41.05 | 0.05 | Lateral |
| SWR_LTR_153 | Concrete (Non-Reinforced) | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_154 | Concrete (Non-Reinforced) | 6 | 12.72 | 0.01 | Lateral |
| SWR_LTR_155 | Concrete (Non-Reinforced) | 6 | 12.95 | 0.01 | Lateral |
| SWR_LTR_156 | Concrete (Non-Reinforced) | 6 | 11.04 | 0.01 | Lateral |
| SWR_LTR_157 | Concrete (Non-Reinforced) | 6 | 5.78 | 0.01 | Lateral |
| SWR_LTR_158 | Concrete (Non-Reinforced) | 6 | 5.11 | 0.01 | Lateral |
| SWR_LTR_16660 | Polyvinyl Chloride | 6 | 39.71 | 0.05 | Lateral |
| SWR_LTR_16661 | Polyvinyl Chloride | 6 | 22.36 | 0.03 | Lateral |
| SWR_LTR_17602 | Polyvinyl Chloride | 6 | 1.72 | 0.002 | Lateral |
| SWR_LTR_17603 | Polyvinyl Chloride | 6 | 2.28 | 0.003 | Lateral |
| SWR_LTR_17604 | Polyvinyl Chloride | 6 | 1.69 | 0.002 | Lateral |
| SWR_LTR_17605 | Polyvinyl Chloride | 6 | 3.62 | 0.004 | Lateral |
| SWR_LTR_17606 | Polyvinyl Chloride | 6 | 30.25 | 0.03 | Lateral |
| SWR_LTR_17607 | Polyvinyl Chloride | 6 | 30.10 | 0.03 | Lateral |
| SWR_LTR_19171 | Polyvinyl Chloride | 6 | 25.51 | 0.03 | Lateral |
| SWR_LTR_19212 | Unknown | 6 | 61.95 | 0.07 | Lateral |
| SWR_LTR_1993 | Concrete (Non-Reinforced) | 6 | 15.11 | 0.02 | Lateral |
| SWR_LTR_1994 | Concrete (Non-Reinforced) | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_1995 | Concrete (Non-Reinforced) | 6 | 15.34 | 0.02 | Lateral |
| SWR_LTR_1996 | Concrete (Non-Reinforced) | 6 | 6.92 | 0.01 | Lateral |
| SWR_LTR_1997 | Concrete (Non-Reinforced) | 6 | 3.84 | 0.004 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_1998 | Concrete (Non-Reinforced) | 6 | 6.57 | 0.01 | Lateral |
| SWR_LTR_1999 | Concrete (Non-Reinforced) | 6 | 4.17 | 0.005 | Lateral |
| SWR_LTR_2000 | Concrete (Non-Reinforced) | 6 | 6.21 | 0.01 | Lateral |
| SWR_LTR_2001 | Concrete (Non-Reinforced) | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_2002 | Concrete (Non-Reinforced) | 6 | 1.70 | 0.002 | Lateral |
| SWR_LTR_2003 | Concrete (Non-Reinforced) | 6 | 1.75 | 0.002 | Lateral |
| SWR_LTR_2056 | Concrete (Non-Reinforced) | 6 | 10.87 | 0.01 | Lateral |
| SWR_LTR_2057 | Concrete (Non-Reinforced) | 6 | 12.81 | 0.01 | Lateral |
| SWR_LTR_2058 | Concrete (Non-Reinforced) | 6 | 12.94 | 0.01 | Lateral |
| SWR_LTR_2059 | Concrete (Non-Reinforced) | 6 | 11.81 | 0.01 | Lateral |
| SWR_LTR_2060 | Concrete (Non-Reinforced) | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_2061 | Concrete (Non-Reinforced) | 6 | 12.98 | 0.01 | Lateral |
| SWR_LTR_2062 | Concrete (Non-Reinforced) | 6 | 18.82 | 0.02 | Lateral |
| SWR_LTR_2063 | Concrete (Non-Reinforced) | 6 | 4.95 | 0.01 | Lateral |
| SWR_LTR_2064 | Concrete (Non-Reinforced) | 6 | 5.76 | 0.01 | Lateral |
| SWR_LTR_2065 | Concrete (Non-Reinforced) | 6 | 4.64 | 0.01 | Lateral |
| SWR_LTR_2066 | Concrete (Non-Reinforced) | 6 | 5.77 | 0.01 | Lateral |
| SWR_LTR_2067 | Concrete (Non-Reinforced) | 6 | 5.77 | 0.01 | Lateral |
| SWR_LTR_2068 | Concrete (Non-Reinforced) | 6 | 4.64 | 0.01 | Lateral |
| SWR_LTR_2069 | Concrete (Non-Reinforced) | 6 | 4.63 | 0.01 | Lateral |
| SWR_LTR_2070 | Concrete (Non-Reinforced) | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_2071 | Concrete (Non-Reinforced) | 6 | 4.61 | 0.01 | Lateral |
| SWR_LTR_2072 | Concrete (Non-Reinforced) | 6 | 5.89 | 0.01 | Lateral |
| SWR_LTR_2073 | Concrete (Non-Reinforced) | 6 | 4.55 | 0.01 | Lateral |
| SWR_LTR_2074 | Concrete (Non-Reinforced) | 6 | 4.60 | 0.01 | Lateral |
| SWR_LTR_2075 | Concrete (Non-Reinforced) | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_2076 | Concrete (Non-Reinforced) | 6 | 4.14 | 0.005 | Lateral |
| SWR_LTR_2077 | Concrete (Non-Reinforced) | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_2078 | Concrete (Non-Reinforced) | 6 | 5.10 | 0.01 | Lateral |
| SWR_LTR_2079 | Concrete (Non-Reinforced) | 6 | 5.28 | 0.01 | Lateral |
| SWR_LTR_2080 | Concrete (Non-Reinforced) | 6 | 6.67 | 0.01 | Lateral |
| SWR_LTR_2081 | Concrete (Non-Reinforced) | 6 | 6.73 | 0.01 | Lateral |
| SWR_LTR_2082 | Concrete (Non-Reinforced) | 6 | 3.64 | 0.004 | Lateral |
| SWR_LTR_2083 | Concrete (Non-Reinforced) | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_2084 | Concrete (Non-Reinforced) | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_2085 | Concrete (Non-Reinforced) | 6 | 1.68 | 0.002 | Lateral |
| SWR_LTR_2086 | Concrete (Non-Reinforced) | 6 | 5.50 | 0.01 | Lateral |
| SWR_LTR_2391 | Polyvinyl Chloride | 6 | 34.49 | 0.04 | Lateral |
| SWR_LTR_33 | Concrete (Non-Reinforced) | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_8954 | Polyvinyl Chloride | 6 | 27.41 | 0.03 | Lateral |
| SWR_LTR_8955 | Polyvinyl Chloride | 6 | 26.83 | 0.03 | Lateral |
| SWR_LTR_8956 | Polyvinyl Chloride | 6 | 21.92 | 0.02 | Lateral |
| SWR_LTR_8957 | Polyvinyl Chloride | 6 | 25.81 | 0.03 | Lateral |
| SWR_LTR_8958 | Polyvinyl Chloride | 6 | 25.82 | 0.03 | Lateral |
| SWR_LTR_8960 | Polyvinyl Chloride | 6 | 20.79 | 0.02 | Lateral |
| SWR_LTR_8962 | Polyvinyl Chloride | 6 | 20.82 | 0.02 | Lateral |
| SWR_LTR_8963 | Polyvinyl Chloride | 6 | 25.82 | 0.03 | Lateral |
| SWR_LTR_8965 | Polyvinyl Chloride | 6 | 25.80 | 0.03 | Lateral |
| SWR_LTR_8967 | Polyvinyl Chloride | 6 | 39.51 | 0.04 | Lateral |
| SWR_LTR_8968 | Polyvinyl Chloride | 6 | 25.55 | 0.03 | Lateral |
| SWR_LTR_9074 | Polyvinyl Chloride | 6 | 30.49 | 0.03 | Lateral |
| SWR_LTR_9075 | Polyvinyl Chloride | 6 | 31.39 | 0.04 | Lateral |
| SWR_LTR_9076 | Polyvinyl Chloride | 6 | 37.28 | 0.04 | Lateral |
| SWR_LTR_9077 | Polyvinyl Chloride | 6 | 37.95 | 0.04 | Lateral |
| SWR_LTR_9078 | Polyvinyl Chloride | 6 | 38.73 | 0.04 | Lateral |
| SWR_LTR_9079 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_9080 | Polyvinyl Chloride | 6 | 27.38 | 0.03 | Lateral |
| SWR_LTR_9193 | Polyvinyl Chloride | 6 | 7.51 | 0.01 | Lateral |
| SWR_LTR_9194 | Polyvinyl Chloride | 6 | 5.89 | 0.01 | Lateral |
| SWR_LTR_9195 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9405 | Polyvinyl Chloride | 6 | 9.11 | 0.01 | Lateral |
| SWR_LTR_9417 | Polyvinyl Chloride | 6 | 29.36 | 0.03 | Lateral |
| SWR_LTR_9418 | Polyvinyl Chloride | 6 | 29.86 | 0.03 | Lateral |
| SWR_LTR_9419 | Polyvinyl Chloride | 6 | 25.09 | 0.03 | Lateral |
| SWR_LTR_9420 | Polyvinyl Chloride | 6 | 42.26 | 0.05 | Lateral |
| SWR_LTR_9421 | Polyvinyl Chloride | 6 | 29.62 | 0.03 | Lateral |
| SWR_LTR_9422 | Polyvinyl Chloride | 6 | 49.03 | 0.06 | Lateral |
| SWR_LTR_9423 | Polyvinyl Chloride | 6 | 31.72 | 0.04 | Lateral |
| SWR_LTR_9424 | Polyvinyl Chloride | 6 | 35.68 | 0.04 | Lateral |
| SWR_LTR_9425 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_9443 | Polyvinyl Chloride | 6 | 43.74 | 0.05 | Lateral |
| SWR_LTR_9444 | Polyvinyl Chloride | 6 | 26.45 | 0.03 | Lateral |
| SWR_LTR_9445 | Polyvinyl Chloride | 6 | 45.10 | 0.05 | Lateral |
| SWR_LTR_9446 | Polyvinyl Chloride | 6 | 24.79 | 0.03 | Lateral |
| SWR_LTR_9447 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_9448 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_9449 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_9450 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_9451 | Polyvinyl Chloride | 6 | 28.18 | 0.03 | Lateral |
| SWR_LTR_9452 | Polyvinyl Chloride | 6 | 22.02 | 0.03 | Lateral |
| SWR_LTR_9453 | Polyvinyl Chloride | 6 | 30.71 | 0.03 | Lateral |
| SWR_LTR_9454 | Polyvinyl Chloride | 6 | 14.68 | 0.02 | Lateral |
| SWR_LTR_9463 | Polyvinyl Chloride | 6 | 10.89 | 0.01 | Lateral |
| SWR_LTR_9464 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_9465 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_9466 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |
| SWR_LTR_9467 | Polyvinyl Chloride | 6 | 2.75 | 0.003 | Lateral |
| SWR_LTR_9468 | Polyvinyl Chloride | 6 | 3.79 | 0.004 | Lateral |
| SWR_LTR_9469 | Polyvinyl Chloride | 6 | 3.70 | 0.004 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1043 | Concrete (Non-Reinforced) | 8 | 132.57 | 0.20 | Main |
| SWR_GRV_1044 | Concrete (Non-Reinforced) | 8 | 375.62 | 0.57 | Main |
| SWR_GRV_1091 | Concrete (Non-Reinforced) | 8 | 393.45 | 0.60 | Main |
| SWR_GRV_1193 | Concrete (Non-Reinforced) | 12 | 90.47 | 0.21 | Main |
| SWR_GRV_1194 | Concrete (Non-Reinforced) | 8 | 183.51 | 0.28 | Main |
| SWR_GRV_1195 | Concrete (Non-Reinforced) | 8 | 277.48 | 0.42 | Main |
| SWR_GRV_1196 | Concrete (Non-Reinforced) | 8 | 282.52 | 0.43 | Main |
| SWR_GRV_1197 | Concrete (Non-Reinforced) | 8 | 79.81 | 0.12 | Main |
| SWR_GRV_1198 | Concrete (Non-Reinforced) | 8 | 435.23 | 0.66 | Main |
| SWR_GRV_1199 | Concrete (Non-Reinforced) | 8 | 265.20 | 0.40 | Main |
| SWR_GRV_1200 | Concrete (Non-Reinforced) | 8 | 263.34 | 0.40 | Main |
| SWR_GRV_1201 | Concrete (Non-Reinforced) | 8 | 244.75 | 0.37 | Main |
| SWR_GRV_1202 | Concrete (Non-Reinforced) | 8 | 264.99 | 0.40 | Main |
| SWR_GRV_1203 | Concrete (Non-Reinforced) | 8 | 275.32 | 0.42 | Main |
| SWR_GRV_1205 | Concrete (Non-Reinforced) | 8 | 224.75 | 0.34 | Main |
| SWR_GRV_1206 | Concrete (Non-Reinforced) | 8 | 91.68 | 0.14 | Main |
| SWR_GRV_1207 | Concrete (Non-Reinforced) | 8 | 100.22 | 0.15 | Main |
| SWR_GRV_1208 | Concrete (Non-Reinforced) | 8 | 328.45 | 0.50 | Main |
| SWR_GRV_1262 | Concrete (Non-Reinforced) | 8 | 237.39 | 0.36 | Main |
| SWR_GRV_1266 | Concrete (Non-Reinforced) | 8 | 24.38 | 0.04 | Main |
| SWR_GRV_1735 | Concrete (Non-Reinforced) | 8 | 135.30 | 0.21 | Main |
| SWR_GRV_18968 | Polyvinyl Chloride | 8 | 14.00 | 0.02 | Main |
| SWR_GRV_393 | Concrete (Non-Reinforced) | 8 | 129.01 | 0.20 | Main |
| SWR_GRV_394 | Concrete (Non-Reinforced) | 8 | 214.76 | 0.33 | Main |
| SWR_GRV_395 | Concrete (Non-Reinforced) | 8 | 206.73 | 0.31 | Main |
| SWR_GRV_4438 | Terra Cotta | 8 | 101.81 | 0.15 | Main |
| SWR_GRV_4441 | Terra Cotta | 8 | 58.74 | 0.09 | Main |
| SWR_GRV_4444 | Terra Cotta | 8 | 35.45 | 0.05 | Main |
| SWR_GRV_5459 | Terra Cotta | 8 | 172.51 | 0.26 | Main |
| SWR_GRV_5461 | Terra Cotta | 8 | 300.65 | 0.46 | Main |
| SWR_GRV_5463 | Terra Cotta | 8 | 299.77 | 0.45 | Main |
| SWR_GRV_5465 | Terra Cotta | 8 | 301.26 | 0.46 | Main |
| SWR_GRV_5467 | Terra Cotta | 8 | 301.20 | 0.46 | Main |
| SWR_GRV_5469 | Terra Cotta | 8 | 244.72 | 0.37 | Main |
| SWR_GRV_5471 | Vitrified Clay | 8 | 435.51 | 0.66 | Main |
| SWR_GRV_5767 | Terra Cotta | 12 | 204.00 | 0.46 | Main |
| SWR_GRV_5779 | Terra Cotta | 8 | 49.86 | 0.08 | Main |
| SWR_GRV_5781 | Terra Cotta | 8 | 302.62 | 0.46 | Main |
| SWR_GRV_5783 | Terra Cotta | 8 | 385.60 | 0.58 | Main |
| SWR_GRV_5785 | Terra Cotta | 8 | 303.45 | 0.46 | Main |
| SWR_GRV_5787 | Terra Cotta | 8 | 301.57 | 0.46 | Main |
| SWR_GRV_5789 | Terra Cotta | 8 | 298.86 | 0.45 | Main |
| SWR_GRV_5795 | Vitrified Clay | 8 | 156.69 | 0.24 | Main |
| SWR_GRV_58 | Concrete (Non-Reinforced) | 8 | 111.27 | 0.17 | Main |
| SWR_GRV_59 | Concrete (Non-Reinforced) | 8 | 227.01 | 0.34 | Main |
| SWR_GRV_5969 | Other | 8 | 27.81 | 0.04 | Main |
| SWR_GRV_5972 | Other | 8 | 27.77 | 0.04 | Main |
| SWR_GRV_60 | Concrete (Non-Reinforced) | 8 | 148.27 | 0.22 | Main |
| SWR_GRV_61 | Concrete (Non-Reinforced) | 8 | 73.49 | 0.11 | Main |
| SWR_GRV_62 | Concrete (Non-Reinforced) | 8 | 79.50 | 0.12 | Main |
| SWR_GRV_63 | Concrete (Non-Reinforced) | 8 | 242.30 | 0.37 | Main |
| SWR_GRV_776 | Concrete (Non-Reinforced) | 8 | 238.49 | 0.36 | Main |
| SWR_GRV_777 | Concrete (Non-Reinforced) | 8 | 163.84 | 0.25 | Main |
| SWR_GRV_778 | Concrete (Non-Reinforced) | 8 | 59.75 | 0.09 | Main |
| SWR_GRV_779 | Concrete (Non-Reinforced) | 8 | 183.42 | 0.28 | Main |
| SWR_GRV_830 | Concrete (Non-Reinforced) | 12 | 162.27 | 0.37 | Main |
| SWR_GRV_8478 | Terra Cotta | 8 | 79.22 | 0.12 | Main |
| SWR_GRV_8480 | Terra Cotta | 8 | 97.49 | 0.15 | Main |
| SWR_GRV_8482 | Vitrified Clay | 6 | 204.99 | 0.23 | Main |
| SWR_GRV_90 | Concrete (Non-Reinforced) | 8 | 209.78 | 0.32 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_91 | Concrete (Non-Reinforced) | 8 | 124.48 | 0.19 | Main |
| SWR_GRV_92 | Concrete (Non-Reinforced) | 8 | 129.90 | 0.20 | Main |
| SWR_GRV_93 | Concrete (Non-Reinforced) | 8 | 143.79 | 0.22 | Main |
| SWR_GRV_956 | Concrete (Non-Reinforced) | 8 | 330.91 | 0.50 | Main |
| SWR_GRV_957 | Concrete (Non-Reinforced) | 8 | 359.64 | 0.54 | Main |
| SWR_GRV_958 | Concrete (Non-Reinforced) | 12 | 269.99 | 0.61 | Main |
| SWR_GRV_959 | Concrete (Non-Reinforced) | 12 | 281.50 | 0.64 | Main |
| SWR_GRV_960 | Concrete (Non-Reinforced) | 12 | 300.72 | 0.68 | Main |
| SWR_GRV_961 | Concrete (Non-Reinforced) | 12 | 399.61 | 0.91 | Main |
| SWR_GRV_962 | Concrete (Non-Reinforced) | 12 | 401.15 | 0.91 | Main |
| SWR_GRV_963 | Concrete (Non-Reinforced) | 12 | 398.98 | 0.91 | Main |
| SWR_GRV_964 | Concrete (Non-Reinforced) | 12 | 172.41 | 0.39 | Main |
| SWR_GRV_965 | Concrete (Non-Reinforced) | 12 | 225.91 | 0.51 | Main |
| SWR_LTR_100 | Concrete (Non-Reinforced) | 6 | 4.68 | 0.01 | Lateral |
| SWR_LTR_10066 | Polyvinyl Chloride | 6 | 0.16 | 0.0002 | Lateral |
| SWR_LTR_10067 | Polyvinyl Chloride | 6 | 2.83 | 0.003 | Lateral |
| SWR_LTR_10070 | Polyvinyl Chloride | 6 | 2.93 | 0.003 | Lateral |
| SWR_LTR_10084 | Polyvinyl Chloride | 6 | 7.48 | 0.01 | Lateral |
| SWR_LTR_10085 | Polyvinyl Chloride | 6 | 7.28 | 0.01 | Lateral |
| SWR_LTR_10086 | Polyvinyl Chloride | 6 | 3.16 | 0.004 | Lateral |
| SWR_LTR_10087 | Polyvinyl Chloride | 6 | 7.08 | 0.01 | Lateral |
| SWR_LTR_10088 | Polyvinyl Chloride | 6 | 3.33 | 0.004 | Lateral |
| SWR_LTR_10089 | Polyvinyl Chloride | 6 | 6.96 | 0.01 | Lateral |
| SWR_LTR_10090 | Polyvinyl Chloride | 6 | 3.47 | 0.004 | Lateral |
| SWR_LTR_101 | Concrete (Non-Reinforced) | 6 | 4.81 | 0.01 | Lateral |
| SWR_LTR_102 | Concrete (Non-Reinforced) | 6 | 4.90 | 0.01 | Lateral |
| SWR_LTR_103 | Concrete (Non-Reinforced) | 6 | 5.01 | 0.01 | Lateral |
| SWR_LTR_104 | Concrete (Non-Reinforced) | 6 | 5.07 | 0.01 | Lateral |
| SWR_LTR_105 | Concrete (Non-Reinforced) | 6 | 74.11 | 0.08 | Lateral |
| SWR_LTR_106 | Concrete (Non-Reinforced) | 6 | 4.30 | 0.005 | Lateral |
| SWR_LTR_107 | Concrete (Non-Reinforced) | 6 | 4.50 | 0.01 | Lateral |
| SWR_LTR_108 | Concrete (Non-Reinforced) | 6 | 4.54 | 0.01 | Lateral |
| SWR_LTR_109 | Concrete (Non-Reinforced) | 6 | 11.75 | 0.01 | Lateral |
| SWR_LTR_110 | Concrete (Non-Reinforced) | 6 | 4.73 | 0.01 | Lateral |
| SWR_LTR_111 | Concrete (Non-Reinforced) | 6 | 5.78 | 0.01 | Lateral |
| SWR_LTR_11158 | Polyvinyl Chloride | 6 | 49.98 | 0.06 | Lateral |
| SWR_LTR_11159 | Polyvinyl Chloride | 6 | 48.11 | 0.05 | Lateral |
| SWR_LTR_11160 | Polyvinyl Chloride | 6 | 29.43 | 0.03 | Lateral |
| SWR_LTR_11161 | Polyvinyl Chloride | 6 | 40.91 | 0.05 | Lateral |
| SWR_LTR_11162 | Polyvinyl Chloride | 6 | 38.71 | 0.04 | Lateral |
| SWR_LTR_11163 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_11164 | Polyvinyl Chloride | 6 | 24.94 | 0.03 | Lateral |
| SWR_LTR_11166 | Polyvinyl Chloride | 6 | 2.50 | 0.003 | Lateral |
| SWR_LTR_11167 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_11168 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_112 | Concrete (Non-Reinforced) | 6 | 64.43 | 0.07 | Lateral |
| SWR_LTR_113 | Concrete (Non-Reinforced) | 6 | 16.43 | 0.02 | Lateral |
| SWR_LTR_11338 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_11339 | Polyvinyl Chloride | 6 | 7.50 | 0.01 | Lateral |
| SWR_LTR_11340 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_11341 | Polyvinyl Chloride | 6 | 2.86 | 0.003 | Lateral |
| SWR_LTR_11342 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_11370 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11371 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_11372 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11373 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11374 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11375 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_11376 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_11377 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11378 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11379 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11380 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_11381 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11382 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |
| SWR_LTR_11383 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_11384 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11385 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_11386 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_11387 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11388 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_11389 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_11390 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_11391 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_114 | Concrete (Non-Reinforced) | 6 | 11.72 | 0.01 | Lateral |
| SWR_LTR_115 | Concrete (Non-Reinforced) | 6 | 84.21 | 0.10 | Lateral |
| SWR_LTR_116 | Concrete (Non-Reinforced) | 6 | 5.30 | 0.01 | Lateral |
| SWR_LTR_11673 | Polyvinyl Chloride | 6 | 33.40 | 0.04 | Lateral |
| SWR_LTR_11674 | Polyvinyl Chloride | 6 | 36.90 | 0.04 | Lateral |
| SWR_LTR_11675 | Polyvinyl Chloride | 6 | 37.41 | 0.04 | Lateral |
| SWR_LTR_11676 | Polyvinyl Chloride | 6 | 31.74 | 0.04 | Lateral |
| SWR_LTR_117 | Concrete (Non-Reinforced) | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_11723 | Polyvinyl Chloride | 6 | 46.46 | 0.05 | Lateral |
| SWR_LTR_11724 | Polyvinyl Chloride | 6 | 41.16 | 0.05 | Lateral |
| SWR_LTR_11725 | Polyvinyl Chloride | 6 | 48.04 | 0.05 | Lateral |
| SWR_LTR_11735 | Polyvinyl Chloride | 6 | 8.06 | 0.01 | Lateral |
| SWR_LTR_11736 | Polyvinyl Chloride | 6 | 11.72 | 0.01 | Lateral |
| SWR_LTR_11737 | Polyvinyl Chloride | 6 | 11.70 | 0.01 | Lateral |
| SWR_LTR_11738 | Polyvinyl Chloride | 6 | 12.85 | 0.01 | Lateral |
| SWR_LTR_11742 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_11743 | Polyvinyl Chloride | 6 | 3.29 | 0.004 | Lateral |
| SWR_LTR_11744 | Polyvinyl Chloride | 6 | 16.77 | 0.02 | Lateral |
| SWR_LTR_11746 | Polyvinyl Chloride | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_11747 | Polyvinyl Chloride | 4 | 4.79 | 0.004 | Lateral |
| SWR_LTR_11748 | Polyvinyl Chloride | 6 | 64.05 | 0.07 | Lateral |
| SWR_LTR_11749 | Polyvinyl Chloride | 6 | 17.17 | 0.02 | Lateral |
| SWR_LTR_11750 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11751 | Polyvinyl Chloride | 6 | 10.99 | 0.01 | Lateral |
| SWR_LTR_11756 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_11757 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_11758 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_11759 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_11760 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_11761 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_11762 | Polyvinyl Chloride | 6 | 5.09 | 0.01 | Lateral |
| SWR_LTR_11763 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_11764 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_11898 | Polyvinyl Chloride | 6 | 3.14 | 0.004 | Lateral |
| SWR_LTR_11899 | Polyvinyl Chloride | 6 | 2.56 | 0.003 | Lateral |
| SWR_LTR_11900 | Polyvinyl Chloride | 6 | 2.89 | 0.003 | Lateral |
| SWR_LTR_11901 | Polyvinyl Chloride | 6 | 3.02 | 0.003 | Lateral |
| SWR_LTR_11902 | Polyvinyl Chloride | 6 | 3.00 | 0.003 | Lateral |
| SWR_LTR_11903 | Polyvinyl Chloride | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_11904 | Polyvinyl Chloride | 6 | 5.68 | 0.01 | Lateral |
| SWR_LTR_11905 | Polyvinyl Chloride | 6 | 5.72 | 0.01 | Lateral |
| SWR_LTR_11906 | Polyvinyl Chloride | 6 | 6.13 | 0.01 | Lateral |
| SWR_LTR_11907 | Polyvinyl Chloride | 6 | 6.12 | 0.01 | Lateral |
| SWR_LTR_11926 | Polyvinyl Chloride | 6 | 47.20 | 0.05 | Lateral |
| SWR_LTR_11927 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_124 | Concrete (Non-Reinforced) | 6 | 4.77 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_125 | Concrete (Non-Reinforced) | 6 | 1.71 | 0.002 | Lateral |
| SWR_LTR_126 | Concrete (Non-Reinforced) | 6 | 20.83 | 0.02 | Lateral |
| SWR_LTR_127 | Concrete (Non-Reinforced) | 6 | 31.00 | 0.04 | Lateral |
| SWR_LTR_128 | Concrete (Non-Reinforced) | 6 | 55.67 | 0.06 | Lateral |
| SWR_LTR_129 | Concrete (Non-Reinforced) | 6 | 24.90 | 0.03 | Lateral |
| SWR_LTR_130 | Concrete (Non-Reinforced) | 6 | 56.64 | 0.06 | Lateral |
| SWR_LTR_131 | Concrete (Non-Reinforced) | 6 | 23.40 | 0.03 | Lateral |
| SWR_LTR_132 | Concrete (Non-Reinforced) | 6 | 57.67 | 0.07 | Lateral |
| SWR_LTR_133 | Concrete (Non-Reinforced) | 6 | 68.81 | 0.08 | Lateral |
| SWR_LTR_134 | Concrete (Non-Reinforced) | 6 | 11.95 | 0.01 | Lateral |
| SWR_LTR_13787 | Polyvinyl Chloride | 6 | 30.33 | 0.03 | Lateral |
| SWR_LTR_13788 | Polyvinyl Chloride | 6 | 40.15 | 0.05 | Lateral |
| SWR_LTR_13789 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_13790 | Polyvinyl Chloride | 6 | 95.98 | 0.11 | Lateral |
| SWR_LTR_138 | Concrete (Non-Reinforced) | 6 | 64.60 | 0.07 | Lateral |
| SWR_LTR_139 | Concrete (Non-Reinforced) | 6 | 7.38 | 0.01 | Lateral |
| SWR_LTR_140 | Concrete (Non-Reinforced) | 6 | 7.74 | 0.01 | Lateral |
| SWR_LTR_141 | Concrete (Non-Reinforced) | 6 | 7.73 | 0.01 | Lateral |
| SWR_LTR_142 | Concrete (Non-Reinforced) | 6 | 7.76 | 0.01 | Lateral |
| SWR_LTR_143 | Concrete (Non-Reinforced) | 6 | 7.78 | 0.01 | Lateral |
| SWR_LTR_144 | Concrete (Non-Reinforced) | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_145 | Concrete (Non-Reinforced) | 6 | 2.65 | 0.003 | Lateral |
| SWR_LTR_146 | Concrete (Non-Reinforced) | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_15639 | Polyvinyl Chloride | 6 | 40.49 | 0.05 | Lateral |
| SWR_LTR_15640 | Polyvinyl Chloride | 6 | 38.09 | 0.04 | Lateral |
| SWR_LTR_15641 | Polyvinyl Chloride | 6 | 33.21 | 0.04 | Lateral |
| SWR_LTR_15642 | Polyvinyl Chloride | 6 | 36.73 | 0.04 | Lateral |
| SWR_LTR_17633 | Polyvinyl Chloride | 6 | 2.51 | 0.003 | Lateral |
| SWR_LTR_17634 | Polyvinyl Chloride | 6 | 1.92 | 0.002 | Lateral |
| SWR_LTR_17635 | Polyvinyl Chloride | 6 | 1.93 | 0.002 | Lateral |
| SWR_LTR_1855 | Concrete (Non-Reinforced) | 6 | 4.53 | 0.01 | Lateral |
| SWR_LTR_1856 | Concrete (Non-Reinforced) | 6 | 5.07 | 0.01 | Lateral |
| SWR_LTR_1857 | Concrete (Non-Reinforced) | 6 | 6.40 | 0.01 | Lateral |
| SWR_LTR_1858 | Concrete (Non-Reinforced) | 6 | 7.27 | 0.01 | Lateral |
| SWR_LTR_1859 | Concrete (Non-Reinforced) | 6 | 6.55 | 0.01 | Lateral |
| SWR_LTR_1860 | Concrete (Non-Reinforced) | 6 | 4.82 | 0.01 | Lateral |
| SWR_LTR_1861 | Concrete (Non-Reinforced) | 6 | 3.27 | 0.004 | Lateral |
| SWR_LTR_1862 | Concrete (Non-Reinforced) | 6 | 3.52 | 0.004 | Lateral |
| SWR_LTR_1863 | Concrete (Non-Reinforced) | 6 | 6.72 | 0.01 | Lateral |
| SWR_LTR_1864 | Concrete (Non-Reinforced) | 6 | 3.73 | 0.004 | Lateral |
| SWR_LTR_1865 | Concrete (Non-Reinforced) | 6 | 5.11 | 0.01 | Lateral |
| SWR_LTR_1866 | Concrete (Non-Reinforced) | 6 | 6.86 | 0.01 | Lateral |
| SWR_LTR_1867 | Concrete (Non-Reinforced) | 6 | 3.43 | 0.004 | Lateral |
| SWR_LTR_1868 | Concrete (Non-Reinforced) | 6 | 5.09 | 0.01 | Lateral |
| SWR_LTR_1869 | Concrete (Non-Reinforced) | 6 | 12.72 | 0.01 | Lateral |
| SWR_LTR_18889 | Polyvinyl Chloride | 6 | 43.13 | 0.05 | Lateral |
| SWR_LTR_18890 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_18892 | Polyvinyl Chloride | 6 | 4.87 | 0.01 | Lateral |
| SWR_LTR_18896 | Polyvinyl Chloride | 6 | 15.47 | 0.02 | Lateral |
| SWR_LTR_18898 | Polyvinyl Chloride | 4 | 22.68 | 0.02 | Lateral |
| SWR_LTR_18899 | Polyvinyl Chloride | 6 | 19.86 | 0.02 | Lateral |
| SWR_LTR_18910 | Polyvinyl Chloride | 6 | 51.64 | 0.06 | Lateral |
| SWR_LTR_18911 | Polyvinyl Chloride | 6 | 0.80 | 0.001 | Lateral |
| SWR_LTR_1899 | Concrete (Non-Reinforced) | 6 | 6.51 | 0.01 | Lateral |
| SWR_LTR_1900 | Concrete (Non-Reinforced) | 6 | 3.73 | 0.004 | Lateral |
| SWR_LTR_1901 | Concrete (Non-Reinforced) | 6 | 7.69 | 0.01 | Lateral |
| SWR_LTR_1902 | Concrete (Non-Reinforced) | 6 | 7.39 | 0.01 | Lateral |
| SWR_LTR_1903 | Concrete (Non-Reinforced) | 6 | 3.47 | 0.004 | Lateral |
| SWR_LTR_1904 | Concrete (Non-Reinforced) | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_1905 | Concrete (Non-Reinforced) | 6 | 5.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_1906 | Concrete (Non-Reinforced) | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_1907 | Concrete (Non-Reinforced) | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_1908 | Concrete (Non-Reinforced) | 6 | 5.16 | 0.01 | Lateral |
| SWR_LTR_1909 | Concrete (Non-Reinforced) | 6 | 6.04 | 0.01 | Lateral |
| SWR_LTR_1910 | Concrete (Non-Reinforced) | 6 | 3.60 | 0.004 | Lateral |
| SWR_LTR_1911 | Concrete (Non-Reinforced) | 6 | 8.00 | 0.01 | Lateral |
| SWR_LTR_1912 | Concrete (Non-Reinforced) | 6 | 8.41 | 0.01 | Lateral |
| SWR_LTR_1913 | Concrete (Non-Reinforced) | 6 | 7.30 | 0.01 | Lateral |
| SWR_LTR_1914 | Concrete (Non-Reinforced) | 6 | 4.28 | 0.005 | Lateral |
| SWR_LTR_1915 | Concrete (Non-Reinforced) | 6 | 2.27 | 0.003 | Lateral |
| SWR_LTR_19152 | Polyvinyl Chloride | 6 | 13.58 | 0.02 | Lateral |
| SWR_LTR_19154 | Polyvinyl Chloride | 6 | 35.34 | 0.04 | Lateral |
| SWR_LTR_1916 | Concrete (Non-Reinforced) | 6 | 1.99 | 0.002 | Lateral |
| SWR_LTR_1917 | Concrete (Non-Reinforced) | 6 | 8.39 | 0.01 | Lateral |
| SWR_LTR_1918 | Concrete (Non-Reinforced) | 6 | 3.11 | 0.004 | Lateral |
| SWR_LTR_1919 | Concrete (Non-Reinforced) | 6 | 2.83 | 0.003 | Lateral |
| SWR_LTR_1920 | Concrete (Non-Reinforced) | 6 | 2.47 | 0.003 | Lateral |
| SWR_LTR_1921 | Concrete (Non-Reinforced) | 6 | 2.28 | 0.003 | Lateral |
| SWR_LTR_1922 | Concrete (Non-Reinforced) | 6 | 5.05 | 0.01 | Lateral |
| SWR_LTR_1923 | Concrete (Non-Reinforced) | 6 | 10.80 | 0.01 | Lateral |
| SWR_LTR_1924 | Concrete (Non-Reinforced) | 6 | 7.43 | 0.01 | Lateral |
| SWR_LTR_1925 | Concrete (Non-Reinforced) | 6 | 7.56 | 0.01 | Lateral |
| SWR_LTR_1926 | Concrete (Non-Reinforced) | 6 | 7.40 | 0.01 | Lateral |
| SWR_LTR_1927 | Concrete (Non-Reinforced) | 6 | 7.48 | 0.01 | Lateral |
| SWR_LTR_1928 | Concrete (Non-Reinforced) | 6 | 7.49 | 0.01 | Lateral |
| SWR_LTR_1929 | Concrete (Non-Reinforced) | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_1930 | Concrete (Non-Reinforced) | 6 | 2.05 | 0.002 | Lateral |
| SWR_LTR_1931 | Concrete (Non-Reinforced) | 6 | 3.01 | 0.003 | Lateral |
| SWR_LTR_1932 | Concrete (Non-Reinforced) | 6 | 5.73 | 0.01 | Lateral |
| SWR_LTR_1933 | Concrete (Non-Reinforced) | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_1934 | Concrete (Non-Reinforced) | 6 | 13.74 | 0.02 | Lateral |
| SWR_LTR_1935 | Concrete (Non-Reinforced) | 6 | 7.36 | 0.01 | Lateral |
| SWR_LTR_1936 | Concrete (Non-Reinforced) | 6 | 3.15 | 0.004 | Lateral |
| SWR_LTR_1937 | Concrete (Non-Reinforced) | 6 | 1.66 | 0.002 | Lateral |
| SWR_LTR_1938 | Concrete (Non-Reinforced) | 6 | 3.88 | 0.004 | Lateral |
| SWR_LTR_1939 | Concrete (Non-Reinforced) | 6 | 6.46 | 0.01 | Lateral |
| SWR_LTR_1940 | Concrete (Non-Reinforced) | 6 | 7.97 | 0.01 | Lateral |
| SWR_LTR_1941 | Concrete (Non-Reinforced) | 6 | 7.86 | 0.01 | Lateral |
| SWR_LTR_1942 | Concrete (Non-Reinforced) | 6 | 4.30 | 0.005 | Lateral |
| SWR_LTR_1943 | Concrete (Non-Reinforced) | 6 | 6.20 | 0.01 | Lateral |
| SWR_LTR_1944 | Concrete (Non-Reinforced) | 6 | 2.58 | 0.003 | Lateral |
| SWR_LTR_1947 | Concrete (Non-Reinforced) | 6 | 3.39 | 0.004 | Lateral |
| SWR_LTR_1948 | Concrete (Non-Reinforced) | 6 | 3.20 | 0.004 | Lateral |
| SWR_LTR_1949 | Concrete (Non-Reinforced) | 6 | 2.45 | 0.003 | Lateral |
| SWR_LTR_1950 | Concrete (Non-Reinforced) | 6 | 2.66 | 0.003 | Lateral |
| SWR_LTR_1951 | Concrete (Non-Reinforced) | 6 | 3.02 | 0.003 | Lateral |
| SWR_LTR_1952 | Concrete (Non-Reinforced) | 6 | 7.75 | 0.01 | Lateral |
| SWR_LTR_1953 | Concrete (Non-Reinforced) | 6 | 6.85 | 0.01 | Lateral |
| SWR_LTR_1954 | Concrete (Non-Reinforced) | 6 | 3.57 | 0.004 | Lateral |
| SWR_LTR_1955 | Concrete (Non-Reinforced) | 6 | 7.03 | 0.01 | Lateral |
| SWR_LTR_1956 | Concrete (Non-Reinforced) | 6 | 7.31 | 0.01 | Lateral |
| SWR_LTR_1957 | Concrete (Non-Reinforced) | 6 | 7.65 | 0.01 | Lateral |
| SWR_LTR_1958 | Concrete (Non-Reinforced) | 6 | 7.88 | 0.01 | Lateral |
| SWR_LTR_1959 | Concrete (Non-Reinforced) | 6 | 8.12 | 0.01 | Lateral |
| SWR_LTR_1960 | Concrete (Non-Reinforced) | 6 | 3.39 | 0.004 | Lateral |
| SWR_LTR_1963 | Concrete (Non-Reinforced) | 6 | 5.24 | 0.01 | Lateral |
| SWR_LTR_1964 | Concrete (Non-Reinforced) | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_1965 | Concrete (Non-Reinforced) | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_1967 | Concrete (Non-Reinforced) | 6 | 6.20 | 0.01 | Lateral |
| SWR_LTR_1968 | Concrete (Non-Reinforced) | 6 | 8.13 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_1969 | Concrete (Non-Reinforced) | 6 | 9.16 | 0.01 | Lateral |
| SWR_LTR_1970 | Concrete (Non-Reinforced) | 6 | 9.16 | 0.01 | Lateral |
| SWR_LTR_1971 | Concrete (Non-Reinforced) | 6 | 62.20 | 0.07 | Lateral |
| SWR_LTR_1976 | Concrete (Non-Reinforced) | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_1977 | Concrete (Non-Reinforced) | 6 | 5.72 | 0.01 | Lateral |
| SWR_LTR_1978 | Concrete (Non-Reinforced) | 6 | 5.74 | 0.01 | Lateral |
| SWR_LTR_1979 | Concrete (Non-Reinforced) | 6 | 5.69 | 0.01 | Lateral |
| SWR_LTR_1980 | Concrete (Non-Reinforced) | 6 | 5.69 | 0.01 | Lateral |
| SWR_LTR_1981 | Concrete (Non-Reinforced) | 6 | 5.69 | 0.01 | Lateral |
| SWR_LTR_1982 | Concrete (Non-Reinforced) | 6 | 5.68 | 0.01 | Lateral |
| SWR_LTR_1983 | Concrete (Non-Reinforced) | 6 | 5.71 | 0.01 | Lateral |
| SWR_LTR_1984 | Concrete (Non-Reinforced) | 6 | 5.71 | 0.01 | Lateral |
| SWR_LTR_1985 | Concrete (Non-Reinforced) | 6 | 3.57 | 0.004 | Lateral |
| SWR_LTR_1986 | Concrete (Non-Reinforced) | 6 | 2.48 | 0.003 | Lateral |
| SWR_LTR_1987 | Concrete (Non-Reinforced) | 6 | 5.83 | 0.01 | Lateral |
| SWR_LTR_1988 | Concrete (Non-Reinforced) | 6 | 4.53 | 0.01 | Lateral |
| SWR_LTR_1989 | Concrete (Non-Reinforced) | 6 | 6.71 | 0.01 | Lateral |
| SWR_LTR_1990 | Concrete (Non-Reinforced) | 6 | 6.04 | 0.01 | Lateral |
| SWR_LTR_1991 | Concrete (Non-Reinforced) | 6 | 4.41 | 0.01 | Lateral |
| SWR_LTR_1992 | Concrete (Non-Reinforced) | 6 | 3.71 | 0.004 | Lateral |
| SWR_LTR_2004 | Concrete (Non-Reinforced) | 6 | 6.08 | 0.01 | Lateral |
| SWR_LTR_2005 | Concrete (Non-Reinforced) | 6 | 4.72 | 0.01 | Lateral |
| SWR_LTR_2006 | Concrete (Non-Reinforced) | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_2007 | Concrete (Non-Reinforced) | 6 | 7.71 | 0.01 | Lateral |
| SWR_LTR_2008 | Concrete (Non-Reinforced) | 6 | 4.68 | 0.01 | Lateral |
| SWR_LTR_2009 | Concrete (Non-Reinforced) | 6 | 4.69 | 0.01 | Lateral |
| SWR_LTR_2010 | Concrete (Non-Reinforced) | 6 | 4.69 | 0.01 | Lateral |
| SWR_LTR_2011 | Concrete (Non-Reinforced) | 6 | 4.69 | 0.01 | Lateral |
| SWR_LTR_2012 | Concrete (Non-Reinforced) | 6 | 4.72 | 0.01 | Lateral |
| SWR_LTR_2013 | Concrete (Non-Reinforced) | 6 | 4.70 | 0.01 | Lateral |
| SWR_LTR_2014 | Concrete (Non-Reinforced) | 6 | 4.73 | 0.01 | Lateral |
| SWR_LTR_2015 | Concrete (Non-Reinforced) | 6 | 32.73 | 0.04 | Lateral |
| SWR_LTR_2016 | Concrete (Non-Reinforced) | 6 | 34.48 | 0.04 | Lateral |
| SWR_LTR_2017 | Concrete (Non-Reinforced) | 6 | 14.79 | 0.02 | Lateral |
| SWR_LTR_2018 | Concrete (Non-Reinforced) | 6 | 15.32 | 0.02 | Lateral |
| SWR_LTR_2019 | Concrete (Non-Reinforced) | 6 | 13.86 | 0.02 | Lateral |
| SWR_LTR_2020 | Concrete (Non-Reinforced) | 6 | 14.71 | 0.02 | Lateral |
| SWR_LTR_2021 | Concrete (Non-Reinforced) | 6 | 60.22 | 0.07 | Lateral |
| SWR_LTR_2022 | Concrete (Non-Reinforced) | 6 | 3.59 | 0.004 | Lateral |
| SWR_LTR_2023 | Concrete (Non-Reinforced) | 6 | 11.69 | 0.01 | Lateral |
| SWR_LTR_2024 | Concrete (Non-Reinforced) | 6 | 18.27 | 0.02 | Lateral |
| SWR_LTR_2025 | Concrete (Non-Reinforced) | 6 | 13.50 | 0.02 | Lateral |
| SWR_LTR_2028 | Concrete (Non-Reinforced) | 6 | 2.95 | 0.003 | Lateral |
| SWR_LTR_2029 | Concrete (Non-Reinforced) | 6 | 2.97 | 0.003 | Lateral |
| SWR_LTR_2030 | Concrete (Non-Reinforced) | 6 | 2.98 | 0.003 | Lateral |
| SWR_LTR_2031 | Concrete (Non-Reinforced) | 6 | 3.00 | 0.003 | Lateral |
| SWR_LTR_2032 | Concrete (Non-Reinforced) | 6 | 7.49 | 0.01 | Lateral |
| SWR_LTR_2033 | Concrete (Non-Reinforced) | 6 | 7.41 | 0.01 | Lateral |
| SWR_LTR_2034 | Concrete (Non-Reinforced) | 6 | 7.42 | 0.01 | Lateral |
| SWR_LTR_2035 | Concrete (Non-Reinforced) | 6 | 7.45 | 0.01 | Lateral |
| SWR_LTR_2036 | Concrete (Non-Reinforced) | 6 | 6.95 | 0.01 | Lateral |
| SWR_LTR_2037 | Concrete (Non-Reinforced) | 6 | 5.05 | 0.01 | Lateral |
| SWR_LTR_2038 | Concrete (Non-Reinforced) | 6 | 4.84 | 0.01 | Lateral |
| SWR_LTR_2039 | Concrete (Non-Reinforced) | 6 | 5.50 | 0.01 | Lateral |
| SWR_LTR_2040 | Concrete (Non-Reinforced) | 6 | 7.15 | 0.01 | Lateral |
| SWR_LTR_2041 | Concrete (Non-Reinforced) | 6 | 2.71 | 0.003 | Lateral |
| SWR_LTR_2042 | Concrete (Non-Reinforced) | 6 | 2.01 | 0.002 | Lateral |
| SWR_LTR_2043 | Concrete (Non-Reinforced) | 6 | 6.69 | 0.01 | Lateral |
| SWR_LTR_2044 | Concrete (Non-Reinforced) | 6 | 4.34 | 0.005 | Lateral |
| SWR_LTR_2045 | Concrete (Non-Reinforced) | 6 | 8.20 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_2046 | Concrete (Non-Reinforced) | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_2047 | Concrete (Non-Reinforced) | 6 | 6.66 | 0.01 | Lateral |
| SWR_LTR_2048 | Concrete (Non-Reinforced) | 6 | 3.60 | 0.004 | Lateral |
| SWR_LTR_2049 | Concrete (Non-Reinforced) | 6 | 2.15 | 0.002 | Lateral |
| SWR_LTR_2050 | Concrete (Non-Reinforced) | 6 | 2.36 | 0.003 | Lateral |
| SWR_LTR_2051 | Concrete (Non-Reinforced) | 6 | 4.43 | 0.01 | Lateral |
| SWR_LTR_2052 | Concrete (Non-Reinforced) | 6 | 6.01 | 0.01 | Lateral |
| SWR_LTR_2053 | Concrete (Non-Reinforced) | 6 | 4.48 | 0.01 | Lateral |
| SWR_LTR_2054 | Concrete (Non-Reinforced) | 6 | 5.91 | 0.01 | Lateral |
| SWR_LTR_2055 | Concrete (Non-Reinforced) | 6 | 2.67 | 0.003 | Lateral |
| SWR_LTR_2087 | Concrete (Non-Reinforced) | 6 | 7.06 | 0.01 | Lateral |
| SWR_LTR_2089 | Concrete (Non-Reinforced) | 6 | 5.58 | 0.01 | Lateral |
| SWR_LTR_2090 | Concrete (Non-Reinforced) | 6 | 3.89 | 0.004 | Lateral |
| SWR_LTR_2091 | Concrete (Non-Reinforced) | 6 | 4.68 | 0.01 | Lateral |
| SWR_LTR_2092 | Concrete (Non-Reinforced) | 6 | 5.28 | 0.01 | Lateral |
| SWR_LTR_2093 | Concrete (Non-Reinforced) | 6 | 5.35 | 0.01 | Lateral |
| SWR_LTR_2094 | Concrete (Non-Reinforced) | 6 | 5.95 | 0.01 | Lateral |
| SWR_LTR_2095 | Concrete (Non-Reinforced) | 6 | 5.54 | 0.01 | Lateral |
| SWR_LTR_2096 | Concrete (Non-Reinforced) | 6 | 4.40 | 0.01 | Lateral |
| SWR_LTR_2097 | Concrete (Non-Reinforced) | 6 | 4.65 | 0.01 | Lateral |
| SWR_LTR_2098 | Concrete (Non-Reinforced) | 6 | 5.91 | 0.01 | Lateral |
| SWR_LTR_2099 | Concrete (Non-Reinforced) | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_2100 | Concrete (Non-Reinforced) | 6 | 3.56 | 0.004 | Lateral |
| SWR_LTR_2101 | Concrete (Non-Reinforced) | 6 | 5.85 | 0.01 | Lateral |
| SWR_LTR_2102 | Concrete (Non-Reinforced) | 6 | 6.14 | 0.01 | Lateral |
| SWR_LTR_2103 | Concrete (Non-Reinforced) | 6 | 8.01 | 0.01 | Lateral |
| SWR_LTR_2104 | Concrete (Non-Reinforced) | 6 | 8.36 | 0.01 | Lateral |
| SWR_LTR_2137 | Concrete (Non-Reinforced) | 6 | 8.14 | 0.01 | Lateral |
| SWR_LTR_2138 | Concrete (Non-Reinforced) | 6 | 8.05 | 0.01 | Lateral |
| SWR_LTR_2139 | Concrete (Non-Reinforced) | 6 | 8.02 | 0.01 | Lateral |
| SWR_LTR_2140 | Concrete (Non-Reinforced) | 6 | 7.92 | 0.01 | Lateral |
| SWR_LTR_2141 | Concrete (Non-Reinforced) | 6 | 7.79 | 0.01 | Lateral |
| SWR_LTR_2142 | Concrete (Non-Reinforced) | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_2158 | Concrete (Non-Reinforced) | 6 | 21.95 | 0.02 | Lateral |
| SWR_LTR_2159 | Concrete (Non-Reinforced) | 6 | 62.19 | 0.07 | Lateral |
| SWR_LTR_2160 | Concrete (Non-Reinforced) | 6 | 7.00 | 0.01 | Lateral |
| SWR_LTR_2161 | Concrete (Non-Reinforced) | 6 | 7.18 | 0.01 | Lateral |
| SWR_LTR_2162 | Concrete (Non-Reinforced) | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_2163 | Concrete (Non-Reinforced) | 6 | 7.96 | 0.01 | Lateral |
| SWR_LTR_51 | Concrete (Non-Reinforced) | 6 | 2.42 | 0.003 | Lateral |
| SWR_LTR_52 | Concrete (Non-Reinforced) | 6 | 6.72 | 0.01 | Lateral |
| SWR_LTR_53 | Concrete (Non-Reinforced) | 6 | 7.85 | 0.01 | Lateral |
| SWR_LTR_54 | Concrete (Non-Reinforced) | 6 | 7.37 | 0.01 | Lateral |
| SWR_LTR_55 | Concrete (Non-Reinforced) | 6 | 5.00 | 0.01 | Lateral |
| SWR_LTR_56 | Concrete (Non-Reinforced) | 6 | 3.60 | 0.004 | Lateral |
| SWR_LTR_64 | Concrete (Non-Reinforced) | 6 | 5.01 | 0.01 | Lateral |
| SWR_LTR_65 | Concrete (Non-Reinforced) | 6 | 3.07 | 0.003 | Lateral |
| SWR_LTR_66 | Concrete (Non-Reinforced) | 6 | 2.53 | 0.003 | Lateral |
| SWR_LTR_67 | Concrete (Non-Reinforced) | 6 | 7.31 | 0.01 | Lateral |
| SWR_LTR_68 | Concrete (Non-Reinforced) | 6 | 3.04 | 0.003 | Lateral |
| SWR_LTR_69 | Concrete (Non-Reinforced) | 6 | 7.92 | 0.01 | Lateral |
| SWR_LTR_70 | Concrete (Non-Reinforced) | 6 | 6.92 | 0.01 | Lateral |
| SWR_LTR_71 | Concrete (Non-Reinforced) | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_72 | Concrete (Non-Reinforced) | 6 | 13.49 | 0.02 | Lateral |
| SWR_LTR_73 | Concrete (Non-Reinforced) | 6 | 14.00 | 0.02 | Lateral |
| SWR_LTR_74 | Concrete (Non-Reinforced) | 6 | 14.02 | 0.02 | Lateral |
| SWR_LTR_75 | Concrete (Non-Reinforced) | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_76 | Concrete (Non-Reinforced) | 6 | 3.18 | 0.004 | Lateral |
| SWR_LTR_77 | Concrete (Non-Reinforced) | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_78 | Concrete (Non-Reinforced) | 6 | 7.43 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_79 | Concrete (Non-Reinforced) | 6 | 6.83 | 0.01 | Lateral |
| SWR_LTR_80 | Concrete (Non-Reinforced) | 6 | 8.98 | 0.01 | Lateral |
| SWR_LTR_81 | Concrete (Non-Reinforced) | 6 | 14.94 | 0.02 | Lateral |
| SWR_LTR_82 | Concrete (Non-Reinforced) | 6 | 15.02 | 0.02 | Lateral |
| SWR_LTR_9038 | Polyvinyl Chloride | 6 | 6.08 | 0.01 | Lateral |
| SWR_LTR_9039 | Polyvinyl Chloride | 6 | 5.69 | 0.01 | Lateral |
| SWR_LTR_9040 | Polyvinyl Chloride | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_9042 | Polyvinyl Chloride | 6 | 5.73 | 0.01 | Lateral |
| SWR_LTR_9044 | Polyvinyl Chloride | 6 | 5.71 | 0.01 | Lateral |
| SWR_LTR_9046 | Polyvinyl Chloride | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_9047 | Polyvinyl Chloride | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_9049 | Polyvinyl Chloride | 6 | 5.73 | 0.01 | Lateral |
| SWR_LTR_9051 | Polyvinyl Chloride | 6 | 5.73 | 0.01 | Lateral |
| SWR_LTR_9052 | Polyvinyl Chloride | 6 | 2.28 | 0.003 | Lateral |
| SWR_LTR_9053 | Polyvinyl Chloride | 6 | 1.61 | 0.002 | Lateral |
| SWR_LTR_9069 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_9070 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_9071 | Polyvinyl Chloride | 6 | 5.23 | 0.01 | Lateral |
| SWR_LTR_9072 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_9073 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_97 | Concrete (Non-Reinforced) | 6 | 14.13 | 0.02 | Lateral |
| SWR_LTR_98 | Concrete (Non-Reinforced) | 6 | 11.80 | 0.01 | Lateral |
| SWR_LTR_99 | Concrete (Non-Reinforced) | 6 | 4.60 | 0.01 | Lateral |
| SWR_PRS_18891 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_PRS_18897 | Polyvinyl Chloride | 4 | 32.00 | 0.02 | Lateral |
| SWR_PRS_18905 | Polyvinyl Chloride | 6 | 34.00 | 0.04 | Lateral |
| SWR_PRS_18906 | Polyvinyl Chloride | 6 | 39.99 | 0.05 | Lateral |
| SWR_PRS_18967 | Polyvinyl Chloride | 8 | 39.43 | 0.06 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1423 | Concrete (Non-Reinforced) | 30 | 453.00 | 2.57 | Main |
| SWR_GRV_1432 | Concrete (Non-Reinforced) | 30 | 15.10 | 0.09 | Main |
| SWR_GRV_18 | Concrete (Non-Reinforced) | 30 | 300.31 | 1.71 | Main |
| SWR_GRV_1816 | Concrete (Non-Reinforced) | 30 | 28.55 | 0.16 | Main |
| SWR_GRV_1817 | Concrete (Non-Reinforced) | 30 | 9.20 | 0.05 | Main |
| SWR_GRV_3298 | Terra Cotta | 30 | 11.24 | 0.06 | Main |
| SWR_GRV_3301 | Terra Cotta | 30 | 297.71 | 1.69 | Main |
| SWR_GRV_3304 | Terra Cotta | 30 | 12.85 | 0.07 | Main |
| SWR_GRV_3307 | Terra Cotta | 30 | 50.67 | 0.29 | Main |
| SWR_GRV_459 | Concrete (Non-Reinforced) | 30 | 93.88 | 0.53 | Main |
| SWR_GRV_461 | Concrete (Non-Reinforced) | 30 | 231.03 | 1.31 | Main |
| SWR_GRV_462 | Concrete (Non-Reinforced) | 30 | 249.66 | 1.42 | Main |
| SWR_GRV_465 | Concrete (Non-Reinforced) | 30 | 41.59 | 0.24 | Main |
| SWR_GRV_467 | Concrete (Non-Reinforced) | 30 | 13.33 | 0.08 | Main |
| SWR_GRV_4751 | Vitrified Clay | 30 | 41.92 | 0.24 | Main |
| SWR_GRV_6915 | Vitrified Clay | 30 | 157.03 | 0.89 | Main |
| SWR_GRV_6917 | Vitrified Clay | 30 | 44.22 | 0.25 | Main |
| SWR_GRV_6921 | Vitrified Clay | 30 | 15.33 | 0.09 | Main |
| SWR_GRV_6923 | Vitrified Clay | 30 | 70.58 | 0.40 | Main |
| SWR_GRV_8827 | Vitrified Clay | 30 | 13.38 | 0.08 | Main |
| SWR_GRV_940 | Concrete (Non-Reinforced) | 30 | 4.21 | 0.02 | Main |
| SWR_GRV_6515 | Terra Cotta | 27 | 334.31 | 1.71 | Main |
| SWR_GRV_6518 | Terra Cotta | 27 | 335.09 | 1.71 | Main |
| SWR_GRV_6947 | Terra Cotta | 27 | 294.94 | 1.51 | Main |
| SWR_GRV_6949 | Terra Cotta | 27 | 360.50 | 1.84 | Main |
| SWR_GRV_7002 | Terra Cotta | 27 | 367.85 | 1.88 | Main |
| SWR_GRV_7006 | Terra Cotta | 27 | 295.44 | 1.51 | Main |
| SWR_GRV_7012 | Terra Cotta | 27 | 252.86 | 1.29 | Main |
| SWR_GRV_7014 | Terra Cotta | 27 | 26.34 | 0.13 | Main |
| SWR_GRV_7016 | Terra Cotta | 27 | 8.89 | 0.05 | Main |
| SWR_GRV_1431 | Concrete (Non-Reinforced) | 24 | 230.98 | 1.05 | Main |
| SWR_GRV_4599 | Vitrified Clay | 24 | 2.34 | 0.01 | Main |
| SWR_GRV_4753 | Terra Cotta | 24 | 98.29 | 0.45 | Main |
| SWR_GRV_1349 | Concrete (Non-Reinforced) | 21 | 66.34 | 0.26 | Main |
| SWR_GRV_1350 | Concrete (Non-Reinforced) | 21 | 272.00 | 1.08 | Main |
| SWR_GRV_1351 | Concrete (Non-Reinforced) | 21 | 39.53 | 0.16 | Main |
| SWR_GRV_1455 | Concrete (Non-Reinforced) | 21 | 303.93 | 1.21 | Main |
| SWR_GRV_1456 | Concrete (Non-Reinforced) | 21 | 165.85 | 0.66 | Main |
| SWR_GRV_781 | Concrete (Non-Reinforced) | 21 | 206.34 | 0.82 | Main |
| SWR_GRV_1765 | Concrete (Non-Reinforced) | 20 | 297.53 | 1.13 | Main |
| SWR_GRV_1433 | Concrete (Non-Reinforced) | 18 | 6.40 | 0.02 | Main |
| SWR_GRV_3723 | Terra Cotta | 18 | 369.95 | 1.26 | Main |
| SWR_GRV_4469 | Terra Cotta | 18 | 351.97 | 1.20 | Main |
| SWR_GRV_6507 | Terra Cotta | 18 | 224.37 | 0.76 | Main |
| SWR_GRV_6723 | Terra Cotta | 18 | 211.99 | 0.72 | Main |
| SWR_GRV_6730 | Terra Cotta | 18 | 220.60 | 0.75 | Main |
| SWR_GRV_6765 | Terra Cotta | 18 | 6.95 | 0.02 | Main |
| SWR_GRV_6768 | Terra Cotta | 18 | 10.56 | 0.04 | Main |
| SWR_GRV_7053 | Terra Cotta | 18 | 58.88 | 0.20 | Main |
| SWR_GRV_7055 | Terra Cotta | 18 | 278.50 | 0.95 | Main |
| SWR_GRV_7057 | Terra Cotta | 18 | 278.00 | 0.95 | Main |
| SWR_GRV_7059 | Terra Cotta | 18 | 286.00 | 0.97 | Main |
| SWR_GRV_7051 | Terra Cotta | 18 | 278.13 | 0.95 | Main |
| SWR_GRV_7053 | Terra Cotta | 18 | 223.36 | 0.76 | Main |
| SWR_GRV_1031 | Concrete (Non-Reinforced) | 12 | 350.54 | 0.80 | Main |
| SWR_GRV_1032 | Concrete (Non-Reinforced) | 12 | 165.56 | 0.38 | Main |
| SWR_GRV_1033 | Concrete (Non-Reinforced) | 12 | 207.26 | 0.47 | Main |
| SWR_GRV_1216 | Concrete (Non-Reinforced) | 12 | 20.86 | 0.05 | Main |
| SWR_GRV_1217 | Concrete (Non-Reinforced) | 12 | 34.70 | 0.08 | Main |
| SWR_GRV_1219 | Concrete (Non-Reinforced) | 12 | 306.41 | 0.70 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1224 | Concrete (Non-Reinforced) | 12 | 309.77 | 0.70 | Main |
| SWR_GRV_1225 | Concrete (Non-Reinforced) | 12 | 239.55 | 0.54 | Main |
| SWR_GRV_1226 | Concrete (Non-Reinforced) | 12 | 245.66 | 0.56 | Main |
| SWR_GRV_1227 | Concrete (Non-Reinforced) | 12 | 337.27 | 0.77 | Main |
| SWR_GRV_1228 | Concrete (Non-Reinforced) | 12 | 373.00 | 0.85 | Main |
| SWR_GRV_1229 | Concrete (Non-Reinforced) | 12 | 335.09 | 0.76 | Main |
| SWR_GRV_1230 | Concrete (Non-Reinforced) | 12 | 373.69 | 0.85 | Main |
| SWR_GRV_1231 | Concrete (Non-Reinforced) | 12 | 376.82 | 0.86 | Main |
| SWR_GRV_1233 | Concrete (Non-Reinforced) | 12 | 295.05 | 0.67 | Main |
| SWR_GRV_1234 | Concrete (Non-Reinforced) | 12 | 298.04 | 0.68 | Main |
| SWR_GRV_1237 | Concrete (Non-Reinforced) | 12 | 423.00 | 0.96 | Main |
| SWR_GRV_1239 | Concrete (Non-Reinforced) | 12 | 303.51 | 0.69 | Main |
| SWR_GRV_1245 | Concrete (Non-Reinforced) | 12 | 316.01 | 0.72 | Main |
| SWR_GRV_1246 | Concrete (Non-Reinforced) | 12 | 340.01 | 0.77 | Main |
| SWR_GRV_1247 | Concrete (Non-Reinforced) | 12 | 22.54 | 0.05 | Main |
| SWR_GRV_1251 | Concrete (Non-Reinforced) | 12 | 175.68 | 0.40 | Main |
| SWR_GRV_13 | Concrete (Non-Reinforced) | 12 | 212.66 | 0.48 | Main |
| SWR_GRV_1378 | Concrete (Non-Reinforced) | 12 | 400.25 | 0.91 | Main |
| SWR_GRV_1379 | Concrete (Non-Reinforced) | 12 | 306.09 | 0.70 | Main |
| SWR_GRV_1380 | Concrete (Non-Reinforced) | 12 | 275.52 | 0.63 | Main |
| SWR_GRV_1381 | Concrete (Non-Reinforced) | 12 | 354.31 | 0.81 | Main |
| SWR_GRV_14 | Concrete (Non-Reinforced) | 12 | 225.17 | 0.51 | Main |
| SWR_GRV_1556 | Concrete (Non-Reinforced) | 12 | 326.92 | 0.74 | Main |
| SWR_GRV_2165 | Other | 12 | 36.95 | 0.08 | Main |
| SWR_GRV_39 | Concrete (Non-Reinforced) | 12 | 163.90 | 0.37 | Main |
| SWR_GRV_40 | Concrete (Non-Reinforced) | 12 | 34.77 | 0.08 | Main |
| SWR_GRV_41 | Concrete (Non-Reinforced) | 12 | 20.85 | 0.05 | Main |
| SWR_GRV_42 | Concrete (Non-Reinforced) | 12 | 326.56 | 0.74 | Main |
| SWR_GRV_43 | Concrete (Non-Reinforced) | 12 | 327.37 | 0.74 | Main |
| SWR_GRV_44 | Concrete (Non-Reinforced) | 12 | 164.17 | 0.37 | Main |
| SWR_GRV_45 | Concrete (Non-Reinforced) | 12 | 240.21 | 0.55 | Main |
| SWR_GRV_4655 | Terra Cotta | 12 | 133.65 | 0.30 | Main |
| SWR_GRV_5767 | Terra Cotta | 12 | 189.66 | 0.43 | Main |
| SWR_GRV_5884 | Terra Cotta | 12 | 136.97 | 0.31 | Main |
| SWR_GRV_5888 | Polyvinyl Chloride | 12 | 90.17 | 0.20 | Main |
| SWR_GRV_639 | Concrete (Non-Reinforced) | 12 | 210.02 | 0.48 | Main |
| SWR_GRV_7 | Concrete (Non-Reinforced) | 12 | 57.88 | 0.13 | Main |
| SWR_GRV_700 | Concrete (Non-Reinforced) | 12 | 290.33 | 0.66 | Main |
| SWR_GRV_702 | Concrete (Non-Reinforced) | 12 | 215.00 | 0.49 | Main |
| SWR_GRV_703 | Concrete (Non-Reinforced) | 12 | 205.02 | 0.47 | Main |
| SWR_GRV_704 | Concrete (Non-Reinforced) | 12 | 204.01 | 0.46 | Main |
| SWR_GRV_718 | Concrete (Non-Reinforced) | 12 | 275.28 | 0.63 | Main |
| SWR_GRV_719 | Concrete (Non-Reinforced) | 12 | 300.58 | 0.68 | Main |
| SWR_GRV_720 | Concrete (Non-Reinforced) | 12 | 313.06 | 0.71 | Main |
| SWR_GRV_722 | Concrete (Non-Reinforced) | 12 | 403.04 | 0.92 | Main |
| SWR_GRV_723 | Concrete (Non-Reinforced) | 12 | 358.94 | 0.82 | Main |
| SWR_GRV_739 | Concrete (Non-Reinforced) | 12 | 259.48 | 0.59 | Main |
| SWR_GRV_740 | Concrete (Non-Reinforced) | 12 | 225.11 | 0.51 | Main |
| SWR_GRV_741 | Concrete (Non-Reinforced) | 12 | 377.98 | 0.86 | Main |
| SWR_GRV_742 | Concrete (Non-Reinforced) | 12 | 84.27 | 0.19 | Main |
| SWR_GRV_8 | Concrete (Non-Reinforced) | 12 | 396.20 | 0.90 | Main |
| SWR_GRV_825 | Concrete (Non-Reinforced) | 12 | 138.50 | 0.31 | Main |
| SWR_GRV_826 | Concrete (Non-Reinforced) | 12 | 399.59 | 0.91 | Main |
| SWR_GRV_827 | Concrete (Non-Reinforced) | 12 | 411.98 | 0.94 | Main |
| SWR_GRV_828 | Concrete (Non-Reinforced) | 12 | 269.57 | 0.61 | Main |
| SWR_GRV_829 | Concrete (Non-Reinforced) | 12 | 401.96 | 0.91 | Main |
| SWR_GRV_880 | Concrete (Non-Reinforced) | 12 | 183.96 | 0.42 | Main |
| SWR_GRV_881 | Concrete (Non-Reinforced) | 12 | 32.82 | 0.07 | Main |
| SWR_GRV_882 | Concrete (Non-Reinforced) | 12 | 285.25 | 0.65 | Main |
| SWR_GRV_888 | Concrete (Non-Reinforced) | 12 | 225.59 | 0.51 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_889 | Concrete (Non-Reinforced) | 12 | 168.39 | 0.38 | Main |
| SWR_GRV_890 | Concrete (Non-Reinforced) | 12 | 233.78 | 0.53 | Main |
| SWR_GRV_892 | Concrete (Non-Reinforced) | 12 | 158.03 | 0.36 | Main |
| SWR_GRV_893 | Concrete (Non-Reinforced) | 12 | 161.80 | 0.37 | Main |
| SWR_GRV_895 | Concrete (Non-Reinforced) | 12 | 29.19 | 0.07 | Main |
| SWR_GRV_898 | Concrete (Non-Reinforced) | 12 | 175.67 | 0.40 | Main |
| SWR_GRV_914 | Concrete (Non-Reinforced) | 12 | 186.33 | 0.42 | Main |
| SWR_GRV_915 | Concrete (Non-Reinforced) | 12 | 406.12 | 0.92 | Main |
| SWR_GRV_1766 | Concrete (Non-Reinforced) | 12 | 106.38 | 0.24 | Main |
| SWR_GRV_1767 | Concrete (Non-Reinforced) | 12 | 299.88 | 0.68 | Main |
| SWR_GRV_1768 | Concrete (Non-Reinforced) | 12 | 298.16 | 0.68 | Main |
| SWR_GRV_31 | Concrete (Non-Reinforced) | 12 | 222.49 | 0.51 | Main |
| SWR_GRV_7169 | Terra Cotta | 12 | 116.64 | 0.27 | Main |
| SWR_GRV_8257 | Terra Cotta | 12 | 274.59 | 0.62 | Main |
| SWR_GRV_918 | Concrete (Non-Reinforced) | 12 | 306.72 | 0.70 | Main |
| SWR_GRV_919 | Concrete (Non-Reinforced) | 12 | 299.60 | 0.68 | Main |
| SWR_GRV_920 | Concrete (Non-Reinforced) | 12 | 325.28 | 0.74 | Main |
| SWR_GRV_1352 | Concrete (Non-Reinforced) | 10 | 169.92 | 0.32 | Main |
| SWR_GRV_1363 | Concrete (Non-Reinforced) | 10 | 296.61 | 0.56 | Main |
| SWR_GRV_1364 | Concrete (Non-Reinforced) | 10 | 343.90 | 0.65 | Main |
| SWR_GRV_1467 | Concrete (Non-Reinforced) | 10 | 421.68 | 0.80 | Main |
| SWR_GRV_1666 | Concrete (Non-Reinforced) | 10 | 320.89 | 0.61 | Main |
| SWR_GRV_1667 | Concrete (Non-Reinforced) | 10 | 167.20 | 0.32 | Main |
| SWR_GRV_1668 | Concrete (Non-Reinforced) | 10 | 5.60 | 0.01 | Main |
| SWR_GRV_4701 | Terra Cotta | 10 | 325.63 | 0.62 | Main |
| SWR_GRV_4703 | Terra Cotta | 10 | 129.23 | 0.24 | Main |
| SWR_GRV_4705 | Terra Cotta | 10 | 131.18 | 0.25 | Main |
| SWR_GRV_916 | Concrete (Non-Reinforced) | 10 | 338.69 | 0.64 | Main |
| SWR_GRV_917 | Concrete (Non-Reinforced) | 10 | 150.17 | 0.28 | Main |
| SWR_GRV_1097 | Concrete (Non-Reinforced) | 8 | 186.90 | 0.28 | Main |
| SWR_GRV_1098 | Concrete (Non-Reinforced) | 8 | 197.96 | 0.30 | Main |
| SWR_GRV_1099 | Concrete (Non-Reinforced) | 8 | 217.69 | 0.33 | Main |
| SWR_GRV_1100 | Concrete (Non-Reinforced) | 8 | 87.97 | 0.13 | Main |
| SWR_GRV_1101 | Concrete (Non-Reinforced) | 8 | 257.01 | 0.39 | Main |
| SWR_GRV_1102 | Concrete (Non-Reinforced) | 8 | 303.36 | 0.46 | Main |
| SWR_GRV_1218 | Concrete (Non-Reinforced) | 8 | 202.07 | 0.31 | Main |
| SWR_GRV_1220 | Concrete (Non-Reinforced) | 8 | 272.73 | 0.41 | Main |
| SWR_GRV_1221 | Concrete (Non-Reinforced) | 8 | 274.13 | 0.42 | Main |
| SWR_GRV_1222 | Concrete (Non-Reinforced) | 8 | 271.06 | 0.41 | Main |
| SWR_GRV_1223 | Concrete (Non-Reinforced) | 8 | 269.47 | 0.41 | Main |
| SWR_GRV_1232 | Concrete (Non-Reinforced) | 8 | 342.33 | 0.52 | Main |
| SWR_GRV_1235 | Concrete (Non-Reinforced) | 8 | 325.29 | 0.49 | Main |
| SWR_GRV_1236 | Concrete (Non-Reinforced) | 8 | 86.10 | 0.13 | Main |
| SWR_GRV_1240 | Concrete (Non-Reinforced) | 8 | 230.99 | 0.35 | Main |
| SWR_GRV_1241 | Concrete (Non-Reinforced) | 8 | 333.98 | 0.51 | Main |
| SWR_GRV_1242 | Concrete (Non-Reinforced) | 8 | 336.03 | 0.51 | Main |
| SWR_GRV_1243 | Concrete (Non-Reinforced) | 8 | 37.47 | 0.06 | Main |
| SWR_GRV_1244 | Concrete (Non-Reinforced) | 8 | 170.99 | 0.26 | Main |
| SWR_GRV_1249 | Concrete (Non-Reinforced) | 8 | 194.39 | 0.29 | Main |
| SWR_GRV_1250 | Concrete (Non-Reinforced) | 8 | 227.00 | 0.34 | Main |
| SWR_GRV_1261 | Concrete (Non-Reinforced) | 8 | 53.00 | 0.08 | Main |
| SWR_GRV_1326 | Concrete (Non-Reinforced) | 8 | 355.67 | 0.54 | Main |
| SWR_GRV_1327 | Concrete (Non-Reinforced) | 8 | 281.85 | 0.43 | Main |
| SWR_GRV_1328 | Concrete (Non-Reinforced) | 8 | 7.76 | 0.01 | Main |
| SWR_GRV_1329 | Concrete (Non-Reinforced) | 8 | 20.78 | 0.03 | Main |
| SWR_GRV_1330 | Concrete (Non-Reinforced) | 8 | 24.81 | 0.04 | Main |
| SWR_GRV_1331 | Concrete (Non-Reinforced) | 8 | 30.39 | 0.05 | Main |
| SWR_GRV_1332 | Concrete (Non-Reinforced) | 8 | 198.87 | 0.30 | Main |
| SWR_GRV_1346 | Concrete (Non-Reinforced) | 8 | 212.25 | 0.32 | Main |
| SWR_GRV_1347 | Concrete (Non-Reinforced) | 8 | 61.76 | 0.09 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1357 | Concrete (Non-Reinforced) | 8 | 206.27 | 0.31 | Main |
| SWR_GRV_1358 | Concrete (Non-Reinforced) | 8 | 206.76 | 0.31 | Main |
| SWR_GRV_1359 | Concrete (Non-Reinforced) | 8 | 242.65 | 0.37 | Main |
| SWR_GRV_1360 | Concrete (Non-Reinforced) | 8 | 181.02 | 0.27 | Main |
| SWR_GRV_1361 | Concrete (Non-Reinforced) | 8 | 169.01 | 0.26 | Main |
| SWR_GRV_1362 | Concrete (Non-Reinforced) | 8 | 146.82 | 0.22 | Main |
| SWR_GRV_1368 | Concrete (Non-Reinforced) | 8 | 350.88 | 0.53 | Main |
| SWR_GRV_1370 | Concrete (Non-Reinforced) | 8 | 156.41 | 0.24 | Main |
| SWR_GRV_1371 | Concrete (Non-Reinforced) | 8 | 219.05 | 0.33 | Main |
| SWR_GRV_1372 | Concrete (Non-Reinforced) | 8 | 330.90 | 0.50 | Main |
| SWR_GRV_1373 | Concrete (Non-Reinforced) | 8 | 412.02 | 0.62 | Main |
| SWR_GRV_1374 | Concrete (Non-Reinforced) | 8 | 274.22 | 0.42 | Main |
| SWR_GRV_1375 | Concrete (Non-Reinforced) | 8 | 274.18 | 0.42 | Main |
| SWR_GRV_1376 | Concrete (Non-Reinforced) | 8 | 366.21 | 0.55 | Main |
| SWR_GRV_1377 | Concrete (Non-Reinforced) | 8 | 275.66 | 0.42 | Main |
| SWR_GRV_1382 | Concrete (Non-Reinforced) | 8 | 225.64 | 0.34 | Main |
| SWR_GRV_1403 | Concrete (Non-Reinforced) | 8 | 350.66 | 0.53 | Main |
| SWR_GRV_1404 | Concrete (Non-Reinforced) | 8 | 48.17 | 0.07 | Main |
| SWR_GRV_1405 | Concrete (Non-Reinforced) | 8 | 333.10 | 0.50 | Main |
| SWR_GRV_1406 | Concrete (Non-Reinforced) | 8 | 327.40 | 0.50 | Main |
| SWR_GRV_1407 | Concrete (Non-Reinforced) | 8 | 327.44 | 0.50 | Main |
| SWR_GRV_1408 | Concrete (Non-Reinforced) | 8 | 298.51 | 0.45 | Main |
| SWR_GRV_1409 | Concrete (Non-Reinforced) | 8 | 298.56 | 0.45 | Main |
| SWR_GRV_1410 | Concrete (Non-Reinforced) | 8 | 276.74 | 0.42 | Main |
| SWR_GRV_1411 | Concrete (Non-Reinforced) | 8 | 166.24 | 0.25 | Main |
| SWR_GRV_1416 | Concrete (Non-Reinforced) | 8 | 154.62 | 0.23 | Main |
| SWR_GRV_1417 | Concrete (Non-Reinforced) | 8 | 143.66 | 0.22 | Main |
| SWR_GRV_1419 | Concrete (Non-Reinforced) | 8 | 206.49 | 0.31 | Main |
| SWR_GRV_1420 | Concrete (Non-Reinforced) | 8 | 350.39 | 0.53 | Main |
| SWR_GRV_1421 | Concrete (Non-Reinforced) | 8 | 274.94 | 0.42 | Main |
| SWR_GRV_1422 | Concrete (Non-Reinforced) | 8 | 247.12 | 0.37 | Main |
| SWR_GRV_1424 | Concrete (Non-Reinforced) | 8 | 236.20 | 0.36 | Main |
| SWR_GRV_1425 | Concrete (Non-Reinforced) | 8 | 245.94 | 0.37 | Main |
| SWR_GRV_1426 | Concrete (Non-Reinforced) | 8 | 339.96 | 0.52 | Main |
| SWR_GRV_1427 | Concrete (Non-Reinforced) | 8 | 330.66 | 0.50 | Main |
| SWR_GRV_1428 | Concrete (Non-Reinforced) | 8 | 36.84 | 0.06 | Main |
| SWR_GRV_1429 | Concrete (Non-Reinforced) | 8 | 68.89 | 0.10 | Main |
| SWR_GRV_1430 | Concrete (Non-Reinforced) | 8 | 136.03 | 0.21 | Main |
| SWR_GRV_1434 | Concrete (Non-Reinforced) | 8 | 25.00 | 0.04 | Main |
| SWR_GRV_1435 | Concrete (Non-Reinforced) | 8 | 89.87 | 0.14 | Main |
| SWR_GRV_1436 | Concrete (Non-Reinforced) | 8 | 281.15 | 0.43 | Main |
| SWR_GRV_1437 | Concrete (Non-Reinforced) | 8 | 186.48 | 0.28 | Main |
| SWR_GRV_1438 | Concrete (Non-Reinforced) | 8 | 252.70 | 0.38 | Main |
| SWR_GRV_1439 | Concrete (Non-Reinforced) | 8 | 237.24 | 0.36 | Main |
| SWR_GRV_1440 | Concrete (Non-Reinforced) | 8 | 240.13 | 0.36 | Main |
| SWR_GRV_1441 | Concrete (Non-Reinforced) | 8 | 330.22 | 0.50 | Main |
| SWR_GRV_1442 | Concrete (Non-Reinforced) | 8 | 308.62 | 0.47 | Main |
| SWR_GRV_1443 | Concrete (Non-Reinforced) | 8 | 349.44 | 0.53 | Main |
| SWR_GRV_1444 | Concrete (Non-Reinforced) | 8 | 137.55 | 0.21 | Main |
| SWR_GRV_1445 | Concrete (Non-Reinforced) | 8 | 106.46 | 0.16 | Main |
| SWR_GRV_1446 | Concrete (Non-Reinforced) | 8 | 160.50 | 0.24 | Main |
| SWR_GRV_1447 | Concrete (Non-Reinforced) | 8 | 293.00 | 0.44 | Main |
| SWR_GRV_1448 | Concrete (Non-Reinforced) | 8 | 294.23 | 0.45 | Main |
| SWR_GRV_1449 | Concrete (Non-Reinforced) | 8 | 293.98 | 0.45 | Main |
| SWR_GRV_1450 | Concrete (Non-Reinforced) | 8 | 292.17 | 0.44 | Main |
| SWR_GRV_1451 | Concrete (Non-Reinforced) | 8 | 41.72 | 0.06 | Main |
| SWR_GRV_1452 | Concrete (Non-Reinforced) | 8 | 14.54 | 0.02 | Main |
| SWR_GRV_1454 | Concrete (Non-Reinforced) | 8 | 245.59 | 0.37 | Main |
| SWR_GRV_1460 | Concrete (Non-Reinforced) | 8 | 152.63 | 0.23 | Main |
| SWR_GRV_1461 | Concrete (Non-Reinforced) | 8 | 149.42 | 0.23 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1462 | Concrete (Non-Reinforced) | 8 | 164.05 | 0.25 | Main |
| SWR_GRV_1464 | Concrete (Non-Reinforced) | 8 | 195.33 | 0.30 | Main |
| SWR_GRV_1465 | Concrete (Non-Reinforced) | 8 | 225.91 | 0.34 | Main |
| SWR_GRV_1466 | Concrete (Non-Reinforced) | 8 | 220.13 | 0.33 | Main |
| SWR_GRV_1468 | Concrete (Non-Reinforced) | 8 | 348.08 | 0.53 | Main |
| SWR_GRV_1469 | Concrete (Non-Reinforced) | 8 | 296.54 | 0.45 | Main |
| SWR_GRV_1470 | Concrete (Non-Reinforced) | 8 | 294.22 | 0.45 | Main |
| SWR_GRV_1471 | Concrete (Non-Reinforced) | 8 | 296.21 | 0.45 | Main |
| SWR_GRV_1472 | Concrete (Non-Reinforced) | 8 | 296.25 | 0.45 | Main |
| SWR_GRV_1473 | Concrete (Non-Reinforced) | 8 | 270.95 | 0.41 | Main |
| SWR_GRV_1474 | Concrete (Non-Reinforced) | 8 | 361.89 | 0.55 | Main |
| SWR_GRV_1475 | Concrete (Non-Reinforced) | 8 | 164.43 | 0.25 | Main |
| SWR_GRV_1476 | Concrete (Non-Reinforced) | 8 | 233.72 | 0.35 | Main |
| SWR_GRV_1477 | Concrete (Non-Reinforced) | 8 | 229.82 | 0.35 | Main |
| SWR_GRV_1478 | Concrete (Non-Reinforced) | 8 | 292.36 | 0.44 | Main |
| SWR_GRV_1479 | Concrete (Non-Reinforced) | 8 | 294.39 | 0.45 | Main |
| SWR_GRV_1480 | Concrete (Non-Reinforced) | 8 | 305.62 | 0.46 | Main |
| SWR_GRV_1481 | Concrete (Non-Reinforced) | 8 | 304.60 | 0.46 | Main |
| SWR_GRV_1482 | Concrete (Non-Reinforced) | 8 | 132.85 | 0.20 | Main |
| SWR_GRV_1483 | Concrete (Non-Reinforced) | 8 | 142.06 | 0.22 | Main |
| SWR_GRV_1484 | Concrete (Non-Reinforced) | 8 | 130.48 | 0.20 | Main |
| SWR_GRV_1485 | Concrete (Non-Reinforced) | 8 | 289.66 | 0.44 | Main |
| SWR_GRV_1486 | Concrete (Non-Reinforced) | 8 | 349.48 | 0.53 | Main |
| SWR_GRV_1487 | Concrete (Non-Reinforced) | 8 | 183.43 | 0.28 | Main |
| SWR_GRV_1488 | Concrete (Non-Reinforced) | 8 | 174.42 | 0.26 | Main |
| SWR_GRV_1490 | Concrete (Non-Reinforced) | 8 | 98.93 | 0.15 | Main |
| SWR_GRV_1491 | Concrete (Non-Reinforced) | 8 | 181.32 | 0.27 | Main |
| SWR_GRV_1492 | Concrete (Non-Reinforced) | 8 | 105.31 | 0.16 | Main |
| SWR_GRV_1493 | Concrete (Non-Reinforced) | 8 | 152.18 | 0.23 | Main |
| SWR_GRV_1495 | Concrete (Non-Reinforced) | 8 | 275.40 | 0.42 | Main |
| SWR_GRV_1496 | Concrete (Non-Reinforced) | 8 | 336.63 | 0.51 | Main |
| SWR_GRV_15 | Concrete (Non-Reinforced) | 8 | 263.10 | 0.40 | Main |
| SWR_GRV_1526 | Concrete (Non-Reinforced) | 8 | 46.14 | 0.07 | Main |
| SWR_GRV_1527 | Concrete (Non-Reinforced) | 8 | 18.29 | 0.03 | Main |
| SWR_GRV_1528 | Concrete (Non-Reinforced) | 8 | 75.42 | 0.11 | Main |
| SWR_GRV_1530 | Concrete (Non-Reinforced) | 8 | 362.94 | 0.55 | Main |
| SWR_GRV_1534 | Concrete (Non-Reinforced) | 8 | 348.07 | 0.53 | Main |
| SWR_GRV_1557 | Concrete (Non-Reinforced) | 8 | 170.48 | 0.26 | Main |
| SWR_GRV_1595 | Concrete (Non-Reinforced) | 8 | 259.90 | 0.39 | Main |
| SWR_GRV_16 | Concrete (Non-Reinforced) | 8 | 254.99 | 0.39 | Main |
| SWR_GRV_17 | Concrete (Non-Reinforced) | 8 | 424.11 | 0.64 | Main |
| SWR_GRV_1729 | Concrete (Non-Reinforced) | 8 | 160.98 | 0.24 | Main |
| SWR_GRV_1730 | Concrete (Non-Reinforced) | 8 | 409.87 | 0.62 | Main |
| SWR_GRV_1731 | Concrete (Non-Reinforced) | 8 | 436.15 | 0.66 | Main |
| SWR_GRV_19 | Concrete (Non-Reinforced) | 8 | 149.28 | 0.23 | Main |
| SWR_GRV_19203 | Polyvinyl Chloride | 8 | 294.59 | 0.45 | Main |
| SWR_GRV_19213 | Concrete (Non-Reinforced) | 8 | 188.29 | 0.29 | Main |
| SWR_GRV_36 | Concrete (Non-Reinforced) | 8 | 317.54 | 0.48 | Main |
| SWR_GRV_37 | Concrete (Non-Reinforced) | 8 | 209.61 | 0.32 | Main |
| SWR_GRV_3732 | Terra Cotta | 8 | 8.97 | 0.01 | Main |
| SWR_GRV_3734 | Vitrified Clay | 8 | 15.01 | 0.02 | Main |
| SWR_GRV_3736 | Vitrified Clay | 8 | 67.01 | 0.10 | Main |
| SWR_GRV_3738 | Vitrified Clay | 8 | 73.99 | 0.11 | Main |
| SWR_GRV_3757 | Polyvinyl Chloride | 8 | 153.32 | 0.23 | Main |
| SWR_GRV_38 | Concrete (Non-Reinforced) | 8 | 210.60 | 0.32 | Main |
| SWR_GRV_463 | Concrete (Non-Reinforced) | 8 | 379.45 | 0.57 | Main |
| SWR_GRV_464 | Concrete (Non-Reinforced) | 8 | 369.83 | 0.56 | Main |
| SWR_GRV_466 | Concrete (Non-Reinforced) | 8 | 45.40 | 0.07 | Main |
| SWR_GRV_530 | Concrete (Non-Reinforced) | 8 | 365.26 | 0.55 | Main |
| SWR_GRV_570 | Concrete (Non-Reinforced) | 8 | 329.76 | 0.50 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_571 | Concrete (Non-Reinforced) | 8 | 329.74 | 0.50 | Main |
| SWR_GRV_572 | Concrete (Non-Reinforced) | 8 | 322.87 | 0.49 | Main |
| SWR_GRV_573 | Concrete (Non-Reinforced) | 8 | 241.68 | 0.37 | Main |
| SWR_GRV_574 | Concrete (Non-Reinforced) | 8 | 368.83 | 0.56 | Main |
| SWR_GRV_575 | Concrete (Non-Reinforced) | 8 | 400.85 | 0.61 | Main |
| SWR_GRV_576 | Concrete (Non-Reinforced) | 8 | 342.70 | 0.52 | Main |
| SWR_GRV_577 | Concrete (Non-Reinforced) | 8 | 58.17 | 0.09 | Main |
| SWR_GRV_579 | Concrete (Non-Reinforced) | 8 | 328.80 | 0.50 | Main |
| SWR_GRV_580 | Concrete (Non-Reinforced) | 8 | 340.34 | 0.52 | Main |
| SWR_GRV_581 | Concrete (Non-Reinforced) | 8 | 123.50 | 0.19 | Main |
| SWR_GRV_582 | Concrete (Non-Reinforced) | 8 | 120.96 | 0.18 | Main |
| SWR_GRV_583 | Concrete (Non-Reinforced) | 8 | 282.79 | 0.43 | Main |
| SWR_GRV_584 | Concrete (Non-Reinforced) | 8 | 207.84 | 0.31 | Main |
| SWR_GRV_585 | Concrete (Non-Reinforced) | 8 | 151.88 | 0.23 | Main |
| SWR_GRV_586 | Concrete (Non-Reinforced) | 8 | 246.24 | 0.37 | Main |
| SWR_GRV_587 | Concrete (Non-Reinforced) | 8 | 93.01 | 0.14 | Main |
| SWR_GRV_640 | Concrete (Non-Reinforced) | 8 | 33.96 | 0.05 | Main |
| SWR_GRV_641 | Concrete (Non-Reinforced) | 8 | 23.35 | 0.04 | Main |
| SWR_GRV_642 | Concrete (Non-Reinforced) | 8 | 253.10 | 0.38 | Main |
| SWR_GRV_644 | Concrete (Non-Reinforced) | 8 | 190.29 | 0.29 | Main |
| SWR_GRV_645 | Concrete (Non-Reinforced) | 8 | 184.62 | 0.28 | Main |
| SWR_GRV_646 | Concrete (Non-Reinforced) | 8 | 98.56 | 0.15 | Main |
| SWR_GRV_647 | Concrete (Non-Reinforced) | 8 | 451.68 | 0.68 | Main |
| SWR_GRV_668 | Concrete (Non-Reinforced) | 8 | 133.58 | 0.20 | Main |
| SWR_GRV_6717 | Terra Cotta | 8 | 200.40 | 0.30 | Main |
| SWR_GRV_6719 | Terra Cotta | 8 | 139.70 | 0.21 | Main |
| SWR_GRV_677 | Concrete (Non-Reinforced) | 8 | 243.33 | 0.37 | Main |
| SWR_GRV_679 | Concrete (Non-Reinforced) | 8 | 391.64 | 0.59 | Main |
| SWR_GRV_680 | Concrete (Non-Reinforced) | 8 | 145.39 | 0.22 | Main |
| SWR_GRV_681 | Concrete (Non-Reinforced) | 8 | 368.19 | 0.56 | Main |
| SWR_GRV_683 | Concrete (Non-Reinforced) | 8 | 404.59 | 0.61 | Main |
| SWR_GRV_701 | Concrete (Non-Reinforced) | 8 | 248.69 | 0.38 | Main |
| SWR_GRV_7031 | Terra Cotta | 8 | 350.17 | 0.53 | Main |
| SWR_GRV_721 | Concrete (Non-Reinforced) | 8 | 307.89 | 0.47 | Main |
| SWR_GRV_8731 | Polyvinyl Chloride | 8 | 96.01 | 0.15 | Main |
| SWR_GRV_8733 | Polyvinyl Chloride | 8 | 68.65 | 0.10 | Main |
| SWR_GRV_8798 | Vitrified Clay | 8 | 3.29 | 0.005 | Main |
| SWR_GRV_8800 | Vitrified Clay | 8 | 92.63 | 0.14 | Main |
| SWR_GRV_8802 | Vitrified Clay | 8 | 410.92 | 0.62 | Main |
| SWR_GRV_8821 | Terra Cotta | 8 | 149.41 | 0.23 | Main |
| SWR_GRV_891 | Concrete (Non-Reinforced) | 8 | 214.75 | 0.33 | Main |
| SWR_GRV_894 | Concrete (Non-Reinforced) | 8 | 37.02 | 0.06 | Main |
| SWR_GRV_896 | Concrete (Non-Reinforced) | 8 | 44.00 | 0.07 | Main |
| SWR_GRV_897 | Concrete (Non-Reinforced) | 8 | 402.55 | 0.61 | Main |
| SWR_GRV_926 | Concrete (Non-Reinforced) | 8 | 355.28 | 0.54 | Main |
| SWR_GRV_927 | Concrete (Non-Reinforced) | 8 | 304.77 | 0.46 | Main |
| SWR_GRV_928 | Concrete (Non-Reinforced) | 8 | 345.54 | 0.52 | Main |
| SWR_GRV_929 | Concrete (Non-Reinforced) | 8 | 376.25 | 0.57 | Main |
| SWR_GRV_930 | Concrete (Non-Reinforced) | 8 | 11.48 | 0.02 | Main |
| SWR_GRV_931 | Concrete (Non-Reinforced) | 8 | 125.17 | 0.19 | Main |
| SWR_GRV_932 | Concrete (Non-Reinforced) | 8 | 143.38 | 0.22 | Main |
| SWR_GRV_933 | Concrete (Non-Reinforced) | 8 | 278.13 | 0.42 | Main |
| SWR_GRV_936 | Concrete (Non-Reinforced) | 8 | 300.28 | 0.45 | Main |
| SWR_GRV_937 | Concrete (Non-Reinforced) | 8 | 11.02 | 0.02 | Main |
| SWR_GRV_1502 | Concrete (Non-Reinforced) | 8 | 86.82 | 0.13 | Main |
| SWR_GRV_1505 | Concrete (Non-Reinforced) | 8 | 349.81 | 0.53 | Main |
| SWR_GRV_1521 | Concrete (Non-Reinforced) | 8 | 381.56 | 0.58 | Main |
| SWR_GRV_1522 | Concrete (Non-Reinforced) | 8 | 373.81 | 0.57 | Main |
| SWR_GRV_1523 | Concrete (Non-Reinforced) | 8 | 224.28 | 0.34 | Main |
| SWR_GRV_1659 | Concrete (Non-Reinforced) | 8 | 13.56 | 0.02 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1660 | Concrete (Non-Reinforced) | 8 | 183.73 | 0.28 | Main |
| SWR_GRV_1661 | Concrete (Non-Reinforced) | 8 | 332.75 | 0.50 | Main |
| SWR_GRV_1662 | Concrete (Non-Reinforced) | 8 | 239.61 | 0.36 | Main |
| SWR_GRV_1663 | Concrete (Non-Reinforced) | 8 | 299.45 | 0.45 | Main |
| SWR_GRV_1664 | Concrete (Non-Reinforced) | 8 | 299.48 | 0.45 | Main |
| SWR_GRV_1665 | Concrete (Non-Reinforced) | 8 | 352.25 | 0.53 | Main |
| SWR_GRV_1669 | Concrete (Non-Reinforced) | 8 | 297.41 | 0.45 | Main |
| SWR_GRV_1670 | Concrete (Non-Reinforced) | 8 | 180.00 | 0.27 | Main |
| SWR_GRV_1671 | Concrete (Non-Reinforced) | 8 | 274.80 | 0.42 | Main |
| SWR_GRV_1672 | Concrete (Non-Reinforced) | 8 | 91.29 | 0.14 | Main |
| SWR_GRV_1842 | Vitrified Clay | 8 | 7.05 | 0.01 | Main |
| SWR_GRV_1877 | Vitrified Clay | 8 | 7.05 | 0.01 | Main |
| SWR_GRV_18930 | Terra Cotta | 8 | 299.95 | 0.45 | Main |
| SWR_GRV_19209 | Terra Cotta | 8 | 216.67 | 0.33 | Main |
| SWR_GRV_19210 | Concrete (Non-Reinforced) | 8 | 269.61 | 0.41 | Main |
| SWR_GRV_20 | Concrete (Non-Reinforced) | 8 | 92.72 | 0.14 | Main |
| SWR_GRV_2366 | Terra Cotta | 8 | 144.96 | 0.22 | Main |
| SWR_GRV_30 | Concrete (Non-Reinforced) | 8 | 12.66 | 0.02 | Main |
| SWR_GRV_3324 | Terra Cotta | 8 | 217.85 | 0.33 | Main |
| SWR_GRV_3355 | Terra Cotta | 8 | 218.32 | 0.33 | Main |
| SWR_GRV_4474 | Terra Cotta | 8 | 185.27 | 0.28 | Main |
| SWR_GRV_4477 | Terra Cotta | 8 | 204.72 | 0.31 | Main |
| SWR_GRV_4479 | Terra Cotta | 8 | 181.07 | 0.27 | Main |
| SWR_GRV_4486 | Terra Cotta | 8 | 330.73 | 0.50 | Main |
| SWR_GRV_4489 | Terra Cotta | 8 | 298.40 | 0.45 | Main |
| SWR_GRV_4491 | Terra Cotta | 8 | 341.66 | 0.52 | Main |
| SWR_GRV_4493 | Terra Cotta | 8 | 207.82 | 0.31 | Main |
| SWR_GRV_4495 | Terra Cotta | 8 | 206.51 | 0.31 | Main |
| SWR_GRV_4496 | Terra Cotta | 8 | 86.62 | 0.13 | Main |
| SWR_GRV_4602 | Terra Cotta | 8 | 93.00 | 0.14 | Main |
| SWR_GRV_4697 | Terra Cotta | 8 | 268.81 | 0.41 | Main |
| SWR_GRV_471 | Concrete (Non-Reinforced) | 8 | 251.49 | 0.38 | Main |
| SWR_GRV_4711 | Terra Cotta | 8 | 228.55 | 0.35 | Main |
| SWR_GRV_4713 | Terra Cotta | 8 | 236.53 | 0.36 | Main |
| SWR_GRV_4715 | Terra Cotta | 8 | 234.60 | 0.36 | Main |
| SWR_GRV_472 | Concrete (Non-Reinforced) | 8 | 299.02 | 0.45 | Main |
| SWR_GRV_473 | Concrete (Non-Reinforced) | 8 | 250.67 | 0.38 | Main |
| SWR_GRV_474 | Concrete (Non-Reinforced) | 8 | 316.50 | 0.48 | Main |
| SWR_GRV_475 | Concrete (Non-Reinforced) | 8 | 249.76 | 0.38 | Main |
| SWR_GRV_476 | Concrete (Non-Reinforced) | 8 | 7.39 | 0.01 | Main |
| SWR_GRV_6569 | Terra Cotta | 8 | 300.26 | 0.45 | Main |
| SWR_GRV_6571 | Terra Cotta | 8 | 292.64 | 0.44 | Main |
| SWR_GRV_6573 | Terra Cotta | 8 | 118.28 | 0.18 | Main |
| SWR_GRV_6575 | Terra Cotta | 8 | 107.54 | 0.16 | Main |
| SWR_GRV_6577 | Terra Cotta | 8 | 250.12 | 0.38 | Main |
| SWR_GRV_6579 | Terra Cotta | 8 | 250.38 | 0.38 | Main |
| SWR_GRV_6581 | Terra Cotta | 8 | 250.48 | 0.38 | Main |
| SWR_GRV_6583 | Terra Cotta | 8 | 239.24 | 0.36 | Main |
| SWR_GRV_6740 | Terra Cotta | 8 | 255.18 | 0.39 | Main |
| SWR_GRV_6742 | Terra Cotta | 8 | 319.93 | 0.48 | Main |
| SWR_GRV_6744 | Terra Cotta | 8 | 328.77 | 0.50 | Main |
| SWR_GRV_6746 | Terra Cotta | 8 | 268.57 | 0.41 | Main |
| SWR_GRV_6748 | Terra Cotta | 8 | 299.55 | 0.45 | Main |
| SWR_GRV_6750 | Terra Cotta | 8 | 94.50 | 0.14 | Main |
| SWR_GRV_6752 | Terra Cotta | 8 | 191.39 | 0.29 | Main |
| SWR_GRV_6754 | Terra Cotta | 8 | 205.57 | 0.31 | Main |
| SWR_GRV_7127 | Terra Cotta | 8 | 240.70 | 0.36 | Main |
| SWR_GRV_7129 | Terra Cotta | 8 | 81.41 | 0.12 | Main |
| SWR_GRV_7131 | Terra Cotta | 8 | 190.53 | 0.29 | Main |
| SWR_GRV_7133 | Terra Cotta | 8 | 198.57 | 0.30 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|-----------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7135 | Terra Cotta | 8 | 175.56 | 0.27 | Main |
| SWR_GRV_7138 | Terra Cotta | 8 | 209.37 | 0.32 | Main |
| SWR_GRV_7140 | Terra Cotta | 8 | 215.99 | 0.33 | Main |
| SWR_GRV_7142 | Terra Cotta | 8 | 329.70 | 0.50 | Main |
| SWR_GRV_7144 | Terra Cotta | 8 | 167.28 | 0.25 | Main |
| SWR_GRV_7145 | Terra Cotta | 8 | 76.06 | 0.12 | Main |
| SWR_GRV_7164 | Terra Cotta | 8 | 357.37 | 0.54 | Main |
| SWR_GRV_7166 | Terra Cotta | 8 | 319.06 | 0.48 | Main |
| SWR_GRV_7172 | Terra Cotta | 8 | 208.03 | 0.32 | Main |
| SWR_GRV_7174 | Terra Cotta | 8 | 179.99 | 0.27 | Main |
| SWR_GRV_7176 | Terra Cotta | 8 | 211.77 | 0.32 | Main |
| SWR_GRV_7178 | Terra Cotta | 8 | 165.27 | 0.25 | Main |
| SWR_GRV_7180 | Terra Cotta | 8 | 83.51 | 0.13 | Main |
| SWR_GRV_7182 | Terra Cotta | 8 | 261.10 | 0.40 | Main |
| SWR_GRV_7184 | Terra Cotta | 8 | 346.28 | 0.52 | Main |
| SWR_GRV_7186 | Terra Cotta | 8 | 300.77 | 0.46 | Main |
| SWR_GRV_7188 | Terra Cotta | 8 | 287.74 | 0.44 | Main |
| SWR_GRV_7190 | Terra Cotta | 8 | 146.85 | 0.22 | Main |
| SWR_GRV_7192 | Terra Cotta | 8 | 63.16 | 0.10 | Main |
| SWR_GRV_7194 | Terra Cotta | 8 | 269.61 | 0.41 | Main |
| SWR_GRV_7196 | Terra Cotta | 8 | 324.35 | 0.49 | Main |
| SWR_GRV_7198 | Terra Cotta | 8 | 349.47 | 0.53 | Main |
| SWR_GRV_7200 | Terra Cotta | 8 | 336.80 | 0.51 | Main |
| SWR_GRV_7202 | Terra Cotta | 8 | 269.99 | 0.41 | Main |
| SWR_GRV_7204 | Terra Cotta | 8 | 279.66 | 0.42 | Main |
| SWR_GRV_7206 | Terra Cotta | 8 | 224.43 | 0.34 | Main |
| SWR_GRV_7208 | Terra Cotta | 8 | 224.12 | 0.34 | Main |
| SWR_GRV_7210 | Terra Cotta | 8 | 231.44 | 0.35 | Main |
| SWR_GRV_7212 | Terra Cotta | 8 | 230.86 | 0.35 | Main |
| SWR_GRV_7214 | Terra Cotta | 8 | 80.10 | 0.12 | Main |
| SWR_GRV_7216 | Terra Cotta | 8 | 165.34 | 0.25 | Main |
| SWR_GRV_7218 | Terra Cotta | 8 | 260.76 | 0.40 | Main |
| SWR_GRV_7220 | Terra Cotta | 8 | 306.78 | 0.46 | Main |
| SWR_GRV_7222 | Terra Cotta | 8 | 96.24 | 0.15 | Main |
| SWR_GRV_7224 | Terra Cotta | 8 | 306.93 | 0.47 | Main |
| SWR_GRV_7226 | Terra Cotta | 8 | 86.39 | 0.13 | Main |
| SWR_GRV_7228 | Terra Cotta | 8 | 268.04 | 0.41 | Main |
| SWR_GRV_7230 | Terra Cotta | 8 | 279.77 | 0.42 | Main |
| SWR_GRV_7232 | Terra Cotta | 8 | 87.02 | 0.13 | Main |
| SWR_GRV_7234 | Terra Cotta | 8 | 74.04 | 0.11 | Main |
| SWR_GRV_7238 | Terra Cotta | 8 | 289.89 | 0.44 | Main |
| SWR_GRV_7240 | Terra Cotta | 8 | 279.93 | 0.42 | Main |
| SWR_GRV_7242 | Terra Cotta | 8 | 287.94 | 0.44 | Main |
| SWR_GRV_7244 | Terra Cotta | 8 | 89.52 | 0.14 | Main |
| SWR_GRV_7246 | Terra Cotta | 8 | 163.91 | 0.25 | Main |
| SWR_GRV_7248 | Terra Cotta | 8 | 214.75 | 0.33 | Main |
| SWR_GRV_7250 | Terra Cotta | 8 | 230.32 | 0.35 | Main |
| SWR_GRV_7252 | Terra Cotta | 8 | 237.42 | 0.36 | Main |
| SWR_GRV_7255 | Terra Cotta | 8 | 228.69 | 0.35 | Main |
| SWR_GRV_7263 | Terra Cotta | 8 | 14.94 | 0.02 | Main |
| SWR_GRV_7265 | Terra Cotta | 8 | 232.39 | 0.35 | Main |
| SWR_GRV_8252 | Terra Cotta | 8 | 14.34 | 0.02 | Main |
| SWR_GRV_8254 | Terra Cotta | 8 | 9.54 | 0.01 | Main |
| SWR_GRV_8270 | Terra Cotta | 8 | 216.30 | 0.33 | Main |
| SWR_GRV_8272 | Terra Cotta | 8 | 228.21 | 0.35 | Main |
| SWR_GRV_8274 | Terra Cotta | 8 | 223.06 | 0.34 | Main |
| SWR_GRV_8276 | Terra Cotta | 8 | 108.26 | 0.16 | Main |
| SWR_GRV_8278 | Terra Cotta | 8 | 121.33 | 0.18 | Main |
| SWR_GRV_8281 | Terra Cotta | 8 | 153.49 | 0.23 | Main |
| SWR_GRV_8283 | Terra Cotta | 8 | 215.26 | 0.33 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_8285 | Terra Cotta | 8 | 245.88 | 0.37 | Main |
| SWR_GRV_8469 | Terra Cotta | 8 | 86.62 | 0.13 | Main |
| SWR_GRV_8616 | Terra Cotta | 8 | 232.28 | 0.35 | Main |
| SWR_GRV_8618 | Terra Cotta | 8 | 223.40 | 0.34 | Main |
| SWR_GRV_938 | Concrete (Non-Reinforced) | 8 | 160.96 | 0.24 | Main |
| SWR_GRV_939 | Concrete (Non-Reinforced) | 8 | 311.97 | 0.47 | Main |
| SWR_GRV_1418 | Concrete (Non-Reinforced) | 6 | 136.43 | 0.16 | Main |
| SWR_GRV_4472 | Terra Cotta | 0.34 | 180.91 | 0.01 | Main |
| SWR_SPH_1457 | Unknown | 16 | 191.09 | 0.58 | Siphon |
| SWR_SPH_1764 | Unknown | 16 | 191.06 | 0.58 | Siphon |
| SWR_SPH_4482 | Unknown | 8 | 138.51 | 0.21 | Siphon |
| SWR_PRS_3431 | Other | 42 | 81.18 | 0.65 | Main |
| SWR_LTR_637 | Concrete (Non-Reinforced) | 12 | 21.54 | 0.05 | Lateral |
| SWR_LTR_638 | Concrete (Non-Reinforced) | 12 | 22.57 | 0.05 | Lateral |
| SWR_LTR_10000 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_10001 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_10002 | Polyvinyl Chloride | 6 | 10.62 | 0.01 | Lateral |
| SWR_LTR_10003 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_10004 | Polyvinyl Chloride | 6 | 73.19 | 0.08 | Lateral |
| SWR_LTR_10005 | Polyvinyl Chloride | 6 | 136.34 | 0.15 | Lateral |
| SWR_LTR_10006 | Polyvinyl Chloride | 6 | 128.15 | 0.15 | Lateral |
| SWR_LTR_10007 | Polyvinyl Chloride | 6 | 35.91 | 0.04 | Lateral |
| SWR_LTR_10008 | Polyvinyl Chloride | 6 | 34.93 | 0.04 | Lateral |
| SWR_LTR_10009 | Polyvinyl Chloride | 6 | 7.27 | 0.01 | Lateral |
| SWR_LTR_10010 | Polyvinyl Chloride | 6 | 7.37 | 0.01 | Lateral |
| SWR_LTR_10011 | Polyvinyl Chloride | 6 | 7.49 | 0.01 | Lateral |
| SWR_LTR_10012 | Polyvinyl Chloride | 6 | 7.61 | 0.01 | Lateral |
| SWR_LTR_10013 | Polyvinyl Chloride | 6 | 23.00 | 0.03 | Lateral |
| SWR_LTR_10014 | Polyvinyl Chloride | 6 | 23.11 | 0.03 | Lateral |
| SWR_LTR_10015 | Polyvinyl Chloride | 6 | 21.68 | 0.02 | Lateral |
| SWR_LTR_10016 | Polyvinyl Chloride | 6 | 22.20 | 0.03 | Lateral |
| SWR_LTR_10017 | Polyvinyl Chloride | 6 | 19.19 | 0.02 | Lateral |
| SWR_LTR_10018 | Polyvinyl Chloride | 6 | 22.71 | 0.03 | Lateral |
| SWR_LTR_10019 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_10020 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_10040 | Polyvinyl Chloride | 6 | 40.62 | 0.05 | Lateral |
| SWR_LTR_10041 | Polyvinyl Chloride | 6 | 40.78 | 0.05 | Lateral |
| SWR_LTR_10042 | Polyvinyl Chloride | 6 | 34.49 | 0.04 | Lateral |
| SWR_LTR_10043 | Polyvinyl Chloride | 6 | 34.59 | 0.04 | Lateral |
| SWR_LTR_10044 | Polyvinyl Chloride | 6 | 46.12 | 0.05 | Lateral |
| SWR_LTR_10045 | Polyvinyl Chloride | 6 | 11.82 | 0.01 | Lateral |
| SWR_LTR_10046 | Polyvinyl Chloride | 6 | 36.18 | 0.04 | Lateral |
| SWR_LTR_10047 | Polyvinyl Chloride | 6 | 39.40 | 0.04 | Lateral |
| SWR_LTR_10048 | Polyvinyl Chloride | 6 | 39.95 | 0.05 | Lateral |
| SWR_LTR_10049 | Polyvinyl Chloride | 6 | 40.40 | 0.05 | Lateral |
| SWR_LTR_10050 | Polyvinyl Chloride | 6 | 35.04 | 0.04 | Lateral |
| SWR_LTR_10051 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_10052 | Polyvinyl Chloride | 6 | 63.76 | 0.07 | Lateral |
| SWR_LTR_10053 | Polyvinyl Chloride | 6 | 56.38 | 0.06 | Lateral |
| SWR_LTR_10054 | Polyvinyl Chloride | 6 | 49.23 | 0.06 | Lateral |
| SWR_LTR_10055 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_10056 | Polyvinyl Chloride | 6 | 48.23 | 0.05 | Lateral |
| SWR_LTR_10057 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_10201 | Polyvinyl Chloride | 6 | 12.43 | 0.01 | Lateral |
| SWR_LTR_10202 | Polyvinyl Chloride | 6 | 12.42 | 0.01 | Lateral |
| SWR_LTR_10203 | Polyvinyl Chloride | 6 | 12.37 | 0.01 | Lateral |
| SWR_LTR_10204 | Polyvinyl Chloride | 6 | 12.34 | 0.01 | Lateral |
| SWR_LTR_10205 | Polyvinyl Chloride | 6 | 12.28 | 0.01 | Lateral |
| SWR_LTR_10206 | Polyvinyl Chloride | 6 | 7.60 | 0.01 | Lateral |
| SWR_LTR_10207 | Polyvinyl Chloride | 6 | 7.58 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10208 | Polyvinyl Chloride | 6 | 7.55 | 0.01 | Lateral |
| SWR_LTR_10209 | Polyvinyl Chloride | 6 | 7.53 | 0.01 | Lateral |
| SWR_LTR_10210 | Polyvinyl Chloride | 6 | 31.17 | 0.04 | Lateral |
| SWR_LTR_10211 | Polyvinyl Chloride | 6 | 12.40 | 0.01 | Lateral |
| SWR_LTR_10212 | Polyvinyl Chloride | 6 | 12.28 | 0.01 | Lateral |
| SWR_LTR_10213 | Polyvinyl Chloride | 6 | 12.13 | 0.01 | Lateral |
| SWR_LTR_10214 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_10272 | Polyvinyl Chloride | 6 | 39.97 | 0.05 | Lateral |
| SWR_LTR_10273 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_10274 | Polyvinyl Chloride | 6 | 40.07 | 0.05 | Lateral |
| SWR_LTR_10275 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_10276 | Polyvinyl Chloride | 6 | 40.13 | 0.05 | Lateral |
| SWR_LTR_10277 | Polyvinyl Chloride | 6 | 35.50 | 0.04 | Lateral |
| SWR_LTR_10278 | Polyvinyl Chloride | 6 | 34.90 | 0.04 | Lateral |
| SWR_LTR_10279 | Polyvinyl Chloride | 6 | 30.79 | 0.03 | Lateral |
| SWR_LTR_10280 | Polyvinyl Chloride | 6 | 35.31 | 0.04 | Lateral |
| SWR_LTR_10281 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_10282 | Polyvinyl Chloride | 6 | 33.67 | 0.04 | Lateral |
| SWR_LTR_10283 | Polyvinyl Chloride | 6 | 32.65 | 0.04 | Lateral |
| SWR_LTR_10284 | Polyvinyl Chloride | 6 | 31.82 | 0.04 | Lateral |
| SWR_LTR_10285 | Polyvinyl Chloride | 6 | 33.65 | 0.04 | Lateral |
| SWR_LTR_10286 | Polyvinyl Chloride | 6 | 32.83 | 0.04 | Lateral |
| SWR_LTR_10287 | Polyvinyl Chloride | 6 | 35.38 | 0.04 | Lateral |
| SWR_LTR_10288 | Polyvinyl Chloride | 6 | 30.04 | 0.03 | Lateral |
| SWR_LTR_10289 | Polyvinyl Chloride | 6 | 29.92 | 0.03 | Lateral |
| SWR_LTR_10290 | Polyvinyl Chloride | 6 | 40.43 | 0.05 | Lateral |
| SWR_LTR_10291 | Polyvinyl Chloride | 6 | 42.19 | 0.05 | Lateral |
| SWR_LTR_10292 | Polyvinyl Chloride | 6 | 40.07 | 0.05 | Lateral |
| SWR_LTR_10293 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_10294 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_10295 | Polyvinyl Chloride | 6 | 29.86 | 0.03 | Lateral |
| SWR_LTR_10296 | Polyvinyl Chloride | 6 | 29.81 | 0.03 | Lateral |
| SWR_LTR_10297 | Polyvinyl Chloride | 6 | 29.77 | 0.03 | Lateral |
| SWR_LTR_10298 | Polyvinyl Chloride | 6 | 29.69 | 0.03 | Lateral |
| SWR_LTR_10299 | Polyvinyl Chloride | 6 | 35.59 | 0.04 | Lateral |
| SWR_LTR_10300 | Polyvinyl Chloride | 6 | 35.58 | 0.04 | Lateral |
| SWR_LTR_10301 | Polyvinyl Chloride | 6 | 35.61 | 0.04 | Lateral |
| SWR_LTR_10302 | Polyvinyl Chloride | 6 | 35.63 | 0.04 | Lateral |
| SWR_LTR_10303 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_10304 | Polyvinyl Chloride | 6 | 30.06 | 0.03 | Lateral |
| SWR_LTR_10305 | Polyvinyl Chloride | 6 | 35.47 | 0.04 | Lateral |
| SWR_LTR_10306 | Polyvinyl Chloride | 6 | 35.42 | 0.04 | Lateral |
| SWR_LTR_10307 | Polyvinyl Chloride | 6 | 35.36 | 0.04 | Lateral |
| SWR_LTR_10308 | Polyvinyl Chloride | 6 | 35.30 | 0.04 | Lateral |
| SWR_LTR_10309 | Polyvinyl Chloride | 6 | 41.17 | 0.05 | Lateral |
| SWR_LTR_10310 | Polyvinyl Chloride | 6 | 42.96 | 0.05 | Lateral |
| SWR_LTR_10311 | Polyvinyl Chloride | 6 | 42.14 | 0.05 | Lateral |
| SWR_LTR_10312 | Polyvinyl Chloride | 6 | 41.88 | 0.05 | Lateral |
| SWR_LTR_10313 | Polyvinyl Chloride | 6 | 32.35 | 0.04 | Lateral |
| SWR_LTR_10314 | Polyvinyl Chloride | 6 | 32.78 | 0.04 | Lateral |
| SWR_LTR_10315 | Polyvinyl Chloride | 6 | 32.93 | 0.04 | Lateral |
| SWR_LTR_10316 | Polyvinyl Chloride | 6 | 33.45 | 0.04 | Lateral |
| SWR_LTR_10317 | Polyvinyl Chloride | 6 | 31.47 | 0.04 | Lateral |
| SWR_LTR_10318 | Polyvinyl Chloride | 6 | 33.73 | 0.04 | Lateral |
| SWR_LTR_10319 | Polyvinyl Chloride | 6 | 40.60 | 0.05 | Lateral |
| SWR_LTR_10320 | Polyvinyl Chloride | 6 | 30.33 | 0.03 | Lateral |
| SWR_LTR_10321 | Polyvinyl Chloride | 6 | 43.18 | 0.05 | Lateral |
| SWR_LTR_10322 | Polyvinyl Chloride | 6 | 10.12 | 0.01 | Lateral |
| SWR_LTR_10323 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_10324 | Polyvinyl Chloride | 6 | 10.26 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10325 | Polyvinyl Chloride | 6 | 10.31 | 0.01 | Lateral |
| SWR_LTR_10326 | Polyvinyl Chloride | 6 | 10.31 | 0.01 | Lateral |
| SWR_LTR_10327 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_10328 | Polyvinyl Chloride | 6 | 35.14 | 0.04 | Lateral |
| SWR_LTR_10329 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_10330 | Polyvinyl Chloride | 6 | 40.25 | 0.05 | Lateral |
| SWR_LTR_10331 | Polyvinyl Chloride | 6 | 40.25 | 0.05 | Lateral |
| SWR_LTR_10332 | Polyvinyl Chloride | 6 | 28.77 | 0.03 | Lateral |
| SWR_LTR_10333 | Polyvinyl Chloride | 6 | 32.16 | 0.04 | Lateral |
| SWR_LTR_10334 | Polyvinyl Chloride | 6 | 25.49 | 0.03 | Lateral |
| SWR_LTR_10335 | Polyvinyl Chloride | 6 | 22.37 | 0.03 | Lateral |
| SWR_LTR_10336 | Polyvinyl Chloride | 6 | 57.99 | 0.07 | Lateral |
| SWR_LTR_10337 | Polyvinyl Chloride | 6 | 54.98 | 0.06 | Lateral |
| SWR_LTR_10338 | Polyvinyl Chloride | 6 | 48.46 | 0.06 | Lateral |
| SWR_LTR_10339 | Polyvinyl Chloride | 6 | 58.00 | 0.07 | Lateral |
| SWR_LTR_10340 | Polyvinyl Chloride | 6 | 50.23 | 0.06 | Lateral |
| SWR_LTR_10341 | Polyvinyl Chloride | 6 | 45.82 | 0.05 | Lateral |
| SWR_LTR_10342 | Polyvinyl Chloride | 6 | 29.96 | 0.03 | Lateral |
| SWR_LTR_10343 | Polyvinyl Chloride | 6 | 33.86 | 0.04 | Lateral |
| SWR_LTR_10344 | Polyvinyl Chloride | 6 | 41.81 | 0.05 | Lateral |
| SWR_LTR_10345 | Polyvinyl Chloride | 6 | 43.11 | 0.05 | Lateral |
| SWR_LTR_10346 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_10360 | Polyvinyl Chloride | 6 | 14.34 | 0.02 | Lateral |
| SWR_LTR_10361 | Polyvinyl Chloride | 6 | 6.31 | 0.01 | Lateral |
| SWR_LTR_10362 | Polyvinyl Chloride | 6 | 21.16 | 0.02 | Lateral |
| SWR_LTR_10363 | Polyvinyl Chloride | 6 | 13.34 | 0.02 | Lateral |
| SWR_LTR_10364 | Polyvinyl Chloride | 6 | 7.75 | 0.01 | Lateral |
| SWR_LTR_10365 | Polyvinyl Chloride | 6 | 32.11 | 0.04 | Lateral |
| SWR_LTR_10366 | Polyvinyl Chloride | 6 | 40.72 | 0.05 | Lateral |
| SWR_LTR_10367 | Polyvinyl Chloride | 6 | 35.59 | 0.04 | Lateral |
| SWR_LTR_10368 | Polyvinyl Chloride | 6 | 35.00 | 0.04 | Lateral |
| SWR_LTR_10392 | Polyvinyl Chloride | 6 | 69.78 | 0.08 | Lateral |
| SWR_LTR_10393 | Polyvinyl Chloride | 6 | 68.65 | 0.08 | Lateral |
| SWR_LTR_10394 | Polyvinyl Chloride | 6 | 6.71 | 0.01 | Lateral |
| SWR_LTR_10395 | Polyvinyl Chloride | 6 | 69.54 | 0.08 | Lateral |
| SWR_LTR_10396 | Polyvinyl Chloride | 6 | 67.22 | 0.08 | Lateral |
| SWR_LTR_10397 | Polyvinyl Chloride | 6 | 6.70 | 0.01 | Lateral |
| SWR_LTR_10398 | Polyvinyl Chloride | 6 | 6.73 | 0.01 | Lateral |
| SWR_LTR_10399 | Polyvinyl Chloride | 6 | 6.71 | 0.01 | Lateral |
| SWR_LTR_10400 | Polyvinyl Chloride | 6 | 10.06 | 0.01 | Lateral |
| SWR_LTR_10401 | Polyvinyl Chloride | 6 | 12.56 | 0.01 | Lateral |
| SWR_LTR_10402 | Polyvinyl Chloride | 6 | 15.71 | 0.02 | Lateral |
| SWR_LTR_10403 | Polyvinyl Chloride | 6 | 8.30 | 0.01 | Lateral |
| SWR_LTR_10404 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_10405 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_10406 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_10407 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_10408 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_10409 | Polyvinyl Chloride | 6 | 15.57 | 0.02 | Lateral |
| SWR_LTR_10410 | Polyvinyl Chloride | 6 | 14.86 | 0.02 | Lateral |
| SWR_LTR_10411 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_10412 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_10413 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_10414 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_10415 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_10416 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_10417 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_10516 | Polyvinyl Chloride | 6 | 29.07 | 0.03 | Lateral |
| SWR_LTR_10517 | Polyvinyl Chloride | 6 | 25.58 | 0.03 | Lateral |
| SWR_LTR_10518 | Polyvinyl Chloride | 6 | 51.57 | 0.06 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10519 | Polyvinyl Chloride | 6 | 51.57 | 0.06 | Lateral |
| SWR_LTR_10520 | Polyvinyl Chloride | 6 | 47.56 | 0.05 | Lateral |
| SWR_LTR_10521 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_10522 | Polyvinyl Chloride | 6 | 44.20 | 0.05 | Lateral |
| SWR_LTR_10523 | Polyvinyl Chloride | 6 | 33.19 | 0.04 | Lateral |
| SWR_LTR_10524 | Polyvinyl Chloride | 6 | 33.19 | 0.04 | Lateral |
| SWR_LTR_10525 | Polyvinyl Chloride | 6 | 33.18 | 0.04 | Lateral |
| SWR_LTR_10526 | Polyvinyl Chloride | 6 | 32.02 | 0.04 | Lateral |
| SWR_LTR_10527 | Polyvinyl Chloride | 6 | 6.44 | 0.01 | Lateral |
| SWR_LTR_10528 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_10529 | Polyvinyl Chloride | 6 | 33.63 | 0.04 | Lateral |
| SWR_LTR_10530 | Polyvinyl Chloride | 6 | 41.76 | 0.05 | Lateral |
| SWR_LTR_10531 | Polyvinyl Chloride | 6 | 41.53 | 0.05 | Lateral |
| SWR_LTR_10532 | Polyvinyl Chloride | 6 | 46.45 | 0.05 | Lateral |
| SWR_LTR_10533 | Polyvinyl Chloride | 6 | 44.62 | 0.05 | Lateral |
| SWR_LTR_10534 | Polyvinyl Chloride | 6 | 46.13 | 0.05 | Lateral |
| SWR_LTR_10535 | Polyvinyl Chloride | 6 | 44.82 | 0.05 | Lateral |
| SWR_LTR_10582 | Polyvinyl Chloride | 6 | 10.43 | 0.01 | Lateral |
| SWR_LTR_10583 | Polyvinyl Chloride | 6 | 10.42 | 0.01 | Lateral |
| SWR_LTR_10584 | Polyvinyl Chloride | 6 | 10.48 | 0.01 | Lateral |
| SWR_LTR_10585 | Polyvinyl Chloride | 6 | 12.87 | 0.01 | Lateral |
| SWR_LTR_10586 | Polyvinyl Chloride | 6 | 5.18 | 0.01 | Lateral |
| SWR_LTR_10587 | Polyvinyl Chloride | 6 | 5.29 | 0.01 | Lateral |
| SWR_LTR_10588 | Polyvinyl Chloride | 6 | 5.32 | 0.01 | Lateral |
| SWR_LTR_10589 | Polyvinyl Chloride | 6 | 5.38 | 0.01 | Lateral |
| SWR_LTR_10590 | Polyvinyl Chloride | 6 | 5.46 | 0.01 | Lateral |
| SWR_LTR_10591 | Polyvinyl Chloride | 6 | 5.51 | 0.01 | Lateral |
| SWR_LTR_10592 | Polyvinyl Chloride | 6 | 58.62 | 0.07 | Lateral |
| SWR_LTR_10593 | Polyvinyl Chloride | 6 | 59.56 | 0.07 | Lateral |
| SWR_LTR_10594 | Polyvinyl Chloride | 6 | 23.07 | 0.03 | Lateral |
| SWR_LTR_10595 | Polyvinyl Chloride | 6 | 20.53 | 0.02 | Lateral |
| SWR_LTR_10596 | Polyvinyl Chloride | 6 | 12.79 | 0.01 | Lateral |
| SWR_LTR_10597 | Polyvinyl Chloride | 6 | 12.83 | 0.01 | Lateral |
| SWR_LTR_10598 | Polyvinyl Chloride | 6 | 12.91 | 0.01 | Lateral |
| SWR_LTR_10599 | Polyvinyl Chloride | 6 | 12.96 | 0.01 | Lateral |
| SWR_LTR_10600 | Polyvinyl Chloride | 6 | 12.95 | 0.01 | Lateral |
| SWR_LTR_10601 | Polyvinyl Chloride | 6 | 15.13 | 0.02 | Lateral |
| SWR_LTR_10602 | Polyvinyl Chloride | 6 | 13.47 | 0.02 | Lateral |
| SWR_LTR_10603 | Polyvinyl Chloride | 6 | 268.04 | 0.30 | Lateral |
| SWR_LTR_10604 | Polyvinyl Chloride | 6 | 11.97 | 0.01 | Lateral |
| SWR_LTR_10605 | Polyvinyl Chloride | 6 | 16.98 | 0.02 | Lateral |
| SWR_LTR_10606 | Polyvinyl Chloride | 6 | 17.07 | 0.02 | Lateral |
| SWR_LTR_10607 | Polyvinyl Chloride | 6 | 17.05 | 0.02 | Lateral |
| SWR_LTR_10608 | Polyvinyl Chloride | 6 | 17.07 | 0.02 | Lateral |
| SWR_LTR_10609 | Polyvinyl Chloride | 6 | 17.13 | 0.02 | Lateral |
| SWR_LTR_10610 | Polyvinyl Chloride | 6 | 30.03 | 0.03 | Lateral |
| SWR_LTR_10611 | Polyvinyl Chloride | 6 | 25.25 | 0.03 | Lateral |
| SWR_LTR_10612 | Polyvinyl Chloride | 6 | 30.36 | 0.03 | Lateral |
| SWR_LTR_10613 | Polyvinyl Chloride | 6 | 31.58 | 0.04 | Lateral |
| SWR_LTR_10614 | Polyvinyl Chloride | 6 | 24.25 | 0.03 | Lateral |
| SWR_LTR_10615 | Polyvinyl Chloride | 6 | 27.86 | 0.03 | Lateral |
| SWR_LTR_10616 | Polyvinyl Chloride | 6 | 31.60 | 0.04 | Lateral |
| SWR_LTR_10617 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_10618 | Polyvinyl Chloride | 6 | 40.42 | 0.05 | Lateral |
| SWR_LTR_10619 | Polyvinyl Chloride | 6 | 36.21 | 0.04 | Lateral |
| SWR_LTR_10620 | Polyvinyl Chloride | 6 | 19.29 | 0.02 | Lateral |
| SWR_LTR_10621 | Polyvinyl Chloride | 6 | 30.60 | 0.03 | Lateral |
| SWR_LTR_10625 | Polyvinyl Chloride | 6 | 30.00 | 0.03 | Lateral |
| SWR_LTR_10626 | Polyvinyl Chloride | 6 | 30.40 | 0.03 | Lateral |
| SWR_LTR_10627 | Polyvinyl Chloride | 6 | 30.65 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10628 | Polyvinyl Chloride | 6 | 20.76 | 0.02 | Lateral |
| SWR_LTR_10629 | Polyvinyl Chloride | 6 | 13.62 | 0.02 | Lateral |
| SWR_LTR_10630 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_10631 | Polyvinyl Chloride | 6 | 20.29 | 0.02 | Lateral |
| SWR_LTR_10632 | Polyvinyl Chloride | 6 | 17.32 | 0.02 | Lateral |
| SWR_LTR_10633 | Polyvinyl Chloride | 6 | 24.01 | 0.03 | Lateral |
| SWR_LTR_10634 | Polyvinyl Chloride | 6 | 20.12 | 0.02 | Lateral |
| SWR_LTR_10804 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_10805 | Polyvinyl Chloride | 6 | 7.17 | 0.01 | Lateral |
| SWR_LTR_10851 | Polyvinyl Chloride | 6 | 35.48 | 0.04 | Lateral |
| SWR_LTR_10852 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_10853 | Polyvinyl Chloride | 6 | 43.97 | 0.05 | Lateral |
| SWR_LTR_10854 | Polyvinyl Chloride | 6 | 43.98 | 0.05 | Lateral |
| SWR_LTR_10855 | Polyvinyl Chloride | 6 | 44.00 | 0.05 | Lateral |
| SWR_LTR_10856 | Polyvinyl Chloride | 6 | 44.00 | 0.05 | Lateral |
| SWR_LTR_10857 | Polyvinyl Chloride | 6 | 31.43 | 0.04 | Lateral |
| SWR_LTR_10858 | Polyvinyl Chloride | 6 | 31.43 | 0.04 | Lateral |
| SWR_LTR_10872 | Polyvinyl Chloride | 6 | 10.47 | 0.01 | Lateral |
| SWR_LTR_10873 | Polyvinyl Chloride | 6 | 10.67 | 0.01 | Lateral |
| SWR_LTR_10874 | Polyvinyl Chloride | 6 | 9.95 | 0.01 | Lateral |
| SWR_LTR_10875 | Polyvinyl Chloride | 6 | 10.12 | 0.01 | Lateral |
| SWR_LTR_10876 | Polyvinyl Chloride | 6 | 9.64 | 0.01 | Lateral |
| SWR_LTR_10877 | Polyvinyl Chloride | 6 | 9.78 | 0.01 | Lateral |
| SWR_LTR_10878 | Polyvinyl Chloride | 6 | 9.33 | 0.01 | Lateral |
| SWR_LTR_10879 | Polyvinyl Chloride | 6 | 9.46 | 0.01 | Lateral |
| SWR_LTR_10880 | Polyvinyl Chloride | 6 | 32.69 | 0.04 | Lateral |
| SWR_LTR_10881 | Polyvinyl Chloride | 6 | 31.38 | 0.04 | Lateral |
| SWR_LTR_10882 | Polyvinyl Chloride | 6 | 31.07 | 0.04 | Lateral |
| SWR_LTR_10883 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_10884 | Polyvinyl Chloride | 6 | 37.16 | 0.04 | Lateral |
| SWR_LTR_10885 | Polyvinyl Chloride | 6 | 44.37 | 0.05 | Lateral |
| SWR_LTR_10886 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_10887 | Polyvinyl Chloride | 6 | 9.24 | 0.01 | Lateral |
| SWR_LTR_10888 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_10889 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_10890 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_10910 | Polyvinyl Chloride | 6 | 7.07 | 0.01 | Lateral |
| SWR_LTR_10911 | Polyvinyl Chloride | 6 | 6.98 | 0.01 | Lateral |
| SWR_LTR_10912 | Polyvinyl Chloride | 6 | 7.07 | 0.01 | Lateral |
| SWR_LTR_10913 | Polyvinyl Chloride | 6 | 6.95 | 0.01 | Lateral |
| SWR_LTR_10914 | Polyvinyl Chloride | 6 | 7.13 | 0.01 | Lateral |
| SWR_LTR_10935 | Polyvinyl Chloride | 6 | 35.48 | 0.04 | Lateral |
| SWR_LTR_10936 | Polyvinyl Chloride | 6 | 34.92 | 0.04 | Lateral |
| SWR_LTR_10937 | Polyvinyl Chloride | 6 | 35.10 | 0.04 | Lateral |
| SWR_LTR_10950 | Polyvinyl Chloride | 6 | 40.92 | 0.05 | Lateral |
| SWR_LTR_10951 | Polyvinyl Chloride | 6 | 43.09 | 0.05 | Lateral |
| SWR_LTR_10952 | Polyvinyl Chloride | 6 | 35.61 | 0.04 | Lateral |
| SWR_LTR_10969 | Polyvinyl Chloride | 6 | 3.42 | 0.004 | Lateral |
| SWR_LTR_10970 | Polyvinyl Chloride | 6 | 44.90 | 0.05 | Lateral |
| SWR_LTR_10971 | Polyvinyl Chloride | 6 | 44.98 | 0.05 | Lateral |
| SWR_LTR_10972 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_10973 | Polyvinyl Chloride | 6 | 44.70 | 0.05 | Lateral |
| SWR_LTR_10974 | Polyvinyl Chloride | 6 | 3.50 | 0.004 | Lateral |
| SWR_LTR_10975 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_10976 | Polyvinyl Chloride | 6 | 44.35 | 0.05 | Lateral |
| SWR_LTR_10977 | Polyvinyl Chloride | 6 | 36.15 | 0.04 | Lateral |
| SWR_LTR_10978 | Polyvinyl Chloride | 6 | 36.22 | 0.04 | Lateral |
| SWR_LTR_10979 | Polyvinyl Chloride | 6 | 36.35 | 0.04 | Lateral |
| SWR_LTR_10980 | Polyvinyl Chloride | 6 | 36.41 | 0.04 | Lateral |
| SWR_LTR_10981 | Polyvinyl Chloride | 6 | 44.48 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10982 | Polyvinyl Chloride | 6 | 107.80 | 0.12 | Lateral |
| SWR_LTR_10983 | Polyvinyl Chloride | 6 | 44.19 | 0.05 | Lateral |
| SWR_LTR_10984 | Polyvinyl Chloride | 6 | 44.07 | 0.05 | Lateral |
| SWR_LTR_10985 | Polyvinyl Chloride | 6 | 43.92 | 0.05 | Lateral |
| SWR_LTR_10986 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_10987 | Polyvinyl Chloride | 6 | 16.21 | 0.02 | Lateral |
| SWR_LTR_10988 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_10989 | Polyvinyl Chloride | 6 | 21.18 | 0.02 | Lateral |
| SWR_LTR_10990 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_10991 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_10992 | Polyvinyl Chloride | 6 | 6.19 | 0.01 | Lateral |
| SWR_LTR_10993 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_10994 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11165 | Polyvinyl Chloride | 6 | 29.20 | 0.03 | Lateral |
| SWR_LTR_11203 | Polyvinyl Chloride | 6 | 35.28 | 0.04 | Lateral |
| SWR_LTR_11204 | Polyvinyl Chloride | 6 | 35.40 | 0.04 | Lateral |
| SWR_LTR_11205 | Polyvinyl Chloride | 6 | 35.55 | 0.04 | Lateral |
| SWR_LTR_11206 | Polyvinyl Chloride | 6 | 34.68 | 0.04 | Lateral |
| SWR_LTR_11207 | Polyvinyl Chloride | 6 | 35.75 | 0.04 | Lateral |
| SWR_LTR_11208 | Polyvinyl Chloride | 6 | 34.70 | 0.04 | Lateral |
| SWR_LTR_11209 | Polyvinyl Chloride | 6 | 35.71 | 0.04 | Lateral |
| SWR_LTR_11210 | Polyvinyl Chloride | 6 | 39.81 | 0.05 | Lateral |
| SWR_LTR_11211 | Polyvinyl Chloride | 6 | 35.59 | 0.04 | Lateral |
| SWR_LTR_11212 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_11213 | Polyvinyl Chloride | 6 | 35.51 | 0.04 | Lateral |
| SWR_LTR_11214 | Polyvinyl Chloride | 6 | 40.03 | 0.05 | Lateral |
| SWR_LTR_11215 | Polyvinyl Chloride | 6 | 12.09 | 0.01 | Lateral |
| SWR_LTR_11216 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_11217 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_11218 | Polyvinyl Chloride | 6 | 7.46 | 0.01 | Lateral |
| SWR_LTR_11219 | Polyvinyl Chloride | 6 | 31.39 | 0.04 | Lateral |
| SWR_LTR_11221 | Polyvinyl Chloride | 6 | 11.11 | 0.01 | Lateral |
| SWR_LTR_11245 | Polyvinyl Chloride | 6 | 64.81 | 0.07 | Lateral |
| SWR_LTR_11396 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_11397 | Polyvinyl Chloride | 6 | 15.40 | 0.02 | Lateral |
| SWR_LTR_11398 | Polyvinyl Chloride | 6 | 15.70 | 0.02 | Lateral |
| SWR_LTR_11399 | Polyvinyl Chloride | 6 | 24.89 | 0.03 | Lateral |
| SWR_LTR_11400 | Polyvinyl Chloride | 6 | 35.48 | 0.04 | Lateral |
| SWR_LTR_11401 | Polyvinyl Chloride | 6 | 24.92 | 0.03 | Lateral |
| SWR_LTR_11402 | Polyvinyl Chloride | 6 | 44.99 | 0.05 | Lateral |
| SWR_LTR_11403 | Polyvinyl Chloride | 6 | 49.25 | 0.06 | Lateral |
| SWR_LTR_11404 | Polyvinyl Chloride | 6 | 29.40 | 0.03 | Lateral |
| SWR_LTR_11405 | Polyvinyl Chloride | 6 | 45.88 | 0.05 | Lateral |
| SWR_LTR_11406 | Polyvinyl Chloride | 6 | 45.27 | 0.05 | Lateral |
| SWR_LTR_11407 | Polyvinyl Chloride | 6 | 46.25 | 0.05 | Lateral |
| SWR_LTR_11408 | Polyvinyl Chloride | 6 | 29.81 | 0.03 | Lateral |
| SWR_LTR_11409 | Polyvinyl Chloride | 6 | 31.77 | 0.04 | Lateral |
| SWR_LTR_11410 | Polyvinyl Chloride | 6 | 33.13 | 0.04 | Lateral |
| SWR_LTR_11411 | Polyvinyl Chloride | 6 | 39.36 | 0.04 | Lateral |
| SWR_LTR_11412 | Polyvinyl Chloride | 6 | 55.09 | 0.06 | Lateral |
| SWR_LTR_11413 | Polyvinyl Chloride | 6 | 57.40 | 0.07 | Lateral |
| SWR_LTR_11414 | Polyvinyl Chloride | 6 | 20.40 | 0.02 | Lateral |
| SWR_LTR_11415 | Polyvinyl Chloride | 6 | 59.39 | 0.07 | Lateral |
| SWR_LTR_11416 | Polyvinyl Chloride | 6 | 19.67 | 0.02 | Lateral |
| SWR_LTR_11417 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_11420 | Polyvinyl Chloride | 6 | 50.22 | 0.06 | Lateral |
| SWR_LTR_11421 | Polyvinyl Chloride | 6 | 43.99 | 0.05 | Lateral |
| SWR_LTR_11422 | Polyvinyl Chloride | 6 | 43.93 | 0.05 | Lateral |
| SWR_LTR_11423 | Polyvinyl Chloride | 6 | 43.91 | 0.05 | Lateral |
| SWR_LTR_11424 | Polyvinyl Chloride | 6 | 31.46 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11425 | Polyvinyl Chloride | 6 | 31.46 | 0.04 | Lateral |
| SWR_LTR_11426 | Polyvinyl Chloride | 6 | 42.38 | 0.05 | Lateral |
| SWR_LTR_11427 | Polyvinyl Chloride | 6 | 42.34 | 0.05 | Lateral |
| SWR_LTR_11428 | Polyvinyl Chloride | 6 | 42.31 | 0.05 | Lateral |
| SWR_LTR_11429 | Polyvinyl Chloride | 6 | 42.27 | 0.05 | Lateral |
| SWR_LTR_11430 | Polyvinyl Chloride | 6 | 33.05 | 0.04 | Lateral |
| SWR_LTR_11431 | Polyvinyl Chloride | 6 | 33.11 | 0.04 | Lateral |
| SWR_LTR_11432 | Polyvinyl Chloride | 6 | 33.10 | 0.04 | Lateral |
| SWR_LTR_11433 | Polyvinyl Chloride | 6 | 33.21 | 0.04 | Lateral |
| SWR_LTR_11434 | Polyvinyl Chloride | 6 | 55.51 | 0.06 | Lateral |
| SWR_LTR_11435 | Polyvinyl Chloride | 6 | 42.50 | 0.05 | Lateral |
| SWR_LTR_11436 | Polyvinyl Chloride | 6 | 43.07 | 0.05 | Lateral |
| SWR_LTR_11437 | Polyvinyl Chloride | 6 | 43.32 | 0.05 | Lateral |
| SWR_LTR_11438 | Polyvinyl Chloride | 6 | 43.55 | 0.05 | Lateral |
| SWR_LTR_11439 | Polyvinyl Chloride | 6 | 31.86 | 0.04 | Lateral |
| SWR_LTR_11440 | Polyvinyl Chloride | 6 | 43.49 | 0.05 | Lateral |
| SWR_LTR_11441 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_11442 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_11443 | Polyvinyl Chloride | 6 | 34.66 | 0.04 | Lateral |
| SWR_LTR_11472 | Polyvinyl Chloride | 6 | 15.31 | 0.02 | Lateral |
| SWR_LTR_11473 | Polyvinyl Chloride | 6 | 14.70 | 0.02 | Lateral |
| SWR_LTR_11474 | Polyvinyl Chloride | 6 | 10.80 | 0.01 | Lateral |
| SWR_LTR_11475 | Polyvinyl Chloride | 6 | 15.06 | 0.02 | Lateral |
| SWR_LTR_11476 | Polyvinyl Chloride | 6 | 34.03 | 0.04 | Lateral |
| SWR_LTR_11477 | Polyvinyl Chloride | 6 | 32.88 | 0.04 | Lateral |
| SWR_LTR_11478 | Polyvinyl Chloride | 6 | 31.97 | 0.04 | Lateral |
| SWR_LTR_11479 | Polyvinyl Chloride | 6 | 31.89 | 0.04 | Lateral |
| SWR_LTR_11480 | Polyvinyl Chloride | 6 | 32.52 | 0.04 | Lateral |
| SWR_LTR_11481 | Polyvinyl Chloride | 6 | 48.22 | 0.05 | Lateral |
| SWR_LTR_11482 | Polyvinyl Chloride | 6 | 43.59 | 0.05 | Lateral |
| SWR_LTR_11483 | Polyvinyl Chloride | 6 | 43.28 | 0.05 | Lateral |
| SWR_LTR_11484 | Polyvinyl Chloride | 6 | 34.72 | 0.04 | Lateral |
| SWR_LTR_11485 | Polyvinyl Chloride | 6 | 34.80 | 0.04 | Lateral |
| SWR_LTR_11486 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_11487 | Polyvinyl Chloride | 6 | 33.99 | 0.04 | Lateral |
| SWR_LTR_11488 | Polyvinyl Chloride | 6 | 32.86 | 0.04 | Lateral |
| SWR_LTR_11489 | Polyvinyl Chloride | 6 | 32.61 | 0.04 | Lateral |
| SWR_LTR_11490 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_11491 | Polyvinyl Chloride | 6 | 40.74 | 0.05 | Lateral |
| SWR_LTR_11492 | Polyvinyl Chloride | 6 | 41.92 | 0.05 | Lateral |
| SWR_LTR_11493 | Polyvinyl Chloride | 6 | 43.86 | 0.05 | Lateral |
| SWR_LTR_11494 | Polyvinyl Chloride | 6 | 46.16 | 0.05 | Lateral |
| SWR_LTR_11495 | Polyvinyl Chloride | 6 | 48.89 | 0.06 | Lateral |
| SWR_LTR_11496 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_11497 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_11498 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_11499 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_11500 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_11501 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_11502 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_11503 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_11504 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_11505 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_11506 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_11507 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_11508 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_11509 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_11510 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_11511 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_11512 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11513 | Polyvinyl Chloride | 6 | 24.91 | 0.03 | Lateral |
| SWR_LTR_11514 | Polyvinyl Chloride | 6 | 35.52 | 0.04 | Lateral |
| SWR_LTR_11515 | Polyvinyl Chloride | 6 | 17.54 | 0.02 | Lateral |
| SWR_LTR_11516 | Polyvinyl Chloride | 6 | 65.07 | 0.07 | Lateral |
| SWR_LTR_11517 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_11518 | Polyvinyl Chloride | 6 | 35.50 | 0.04 | Lateral |
| SWR_LTR_11519 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_11520 | Polyvinyl Chloride | 6 | 33.21 | 0.04 | Lateral |
| SWR_LTR_11521 | Polyvinyl Chloride | 6 | 25.30 | 0.03 | Lateral |
| SWR_LTR_11522 | Polyvinyl Chloride | 6 | 25.28 | 0.03 | Lateral |
| SWR_LTR_11523 | Polyvinyl Chloride | 6 | 35.16 | 0.04 | Lateral |
| SWR_LTR_11524 | Polyvinyl Chloride | 6 | 35.15 | 0.04 | Lateral |
| SWR_LTR_11525 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_11526 | Polyvinyl Chloride | 6 | 49.28 | 0.06 | Lateral |
| SWR_LTR_11527 | Polyvinyl Chloride | 6 | 26.11 | 0.03 | Lateral |
| SWR_LTR_11528 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_11529 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_11530 | Polyvinyl Chloride | 6 | 26.32 | 0.03 | Lateral |
| SWR_LTR_11531 | Polyvinyl Chloride | 6 | 26.37 | 0.03 | Lateral |
| SWR_LTR_11532 | Polyvinyl Chloride | 6 | 49.25 | 0.06 | Lateral |
| SWR_LTR_11533 | Polyvinyl Chloride | 6 | 26.14 | 0.03 | Lateral |
| SWR_LTR_11534 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11535 | Polyvinyl Chloride | 6 | 26.27 | 0.03 | Lateral |
| SWR_LTR_11536 | Polyvinyl Chloride | 6 | 26.24 | 0.03 | Lateral |
| SWR_LTR_11537 | Polyvinyl Chloride | 6 | 26.29 | 0.03 | Lateral |
| SWR_LTR_11538 | Polyvinyl Chloride | 6 | 26.34 | 0.03 | Lateral |
| SWR_LTR_11539 | Polyvinyl Chloride | 6 | 49.32 | 0.06 | Lateral |
| SWR_LTR_11540 | Polyvinyl Chloride | 6 | 49.31 | 0.06 | Lateral |
| SWR_LTR_11541 | Polyvinyl Chloride | 6 | 44.06 | 0.05 | Lateral |
| SWR_LTR_11542 | Polyvinyl Chloride | 6 | 44.10 | 0.05 | Lateral |
| SWR_LTR_11543 | Polyvinyl Chloride | 6 | 23.22 | 0.03 | Lateral |
| SWR_LTR_11544 | Polyvinyl Chloride | 6 | 25.07 | 0.03 | Lateral |
| SWR_LTR_11545 | Polyvinyl Chloride | 6 | 46.86 | 0.05 | Lateral |
| SWR_LTR_11546 | Polyvinyl Chloride | 6 | 51.98 | 0.06 | Lateral |
| SWR_LTR_11547 | Polyvinyl Chloride | 6 | 53.39 | 0.06 | Lateral |
| SWR_LTR_11548 | Polyvinyl Chloride | 6 | 35.55 | 0.04 | Lateral |
| SWR_LTR_11549 | Polyvinyl Chloride | 6 | 39.87 | 0.05 | Lateral |
| SWR_LTR_11550 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_11551 | Polyvinyl Chloride | 6 | 35.42 | 0.04 | Lateral |
| SWR_LTR_11552 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_11553 | Polyvinyl Chloride | 6 | 37.96 | 0.04 | Lateral |
| SWR_LTR_11554 | Polyvinyl Chloride | 6 | 44.02 | 0.05 | Lateral |
| SWR_LTR_11555 | Polyvinyl Chloride | 6 | 40.16 | 0.05 | Lateral |
| SWR_LTR_11556 | Polyvinyl Chloride | 6 | 6.20 | 0.01 | Lateral |
| SWR_LTR_11557 | Polyvinyl Chloride | 6 | 6.18 | 0.01 | Lateral |
| SWR_LTR_11558 | Polyvinyl Chloride | 6 | 6.20 | 0.01 | Lateral |
| SWR_LTR_11559 | Polyvinyl Chloride | 6 | 6.43 | 0.01 | Lateral |
| SWR_LTR_11560 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11561 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_11562 | Polyvinyl Chloride | 6 | 5.78 | 0.01 | Lateral |
| SWR_LTR_11563 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_11564 | Polyvinyl Chloride | 6 | 8.71 | 0.01 | Lateral |
| SWR_LTR_11565 | Polyvinyl Chloride | 6 | 12.30 | 0.01 | Lateral |
| SWR_LTR_11566 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_11567 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_11568 | Polyvinyl Chloride | 6 | 9.98 | 0.01 | Lateral |
| SWR_LTR_11570 | Polyvinyl Chloride | 6 | 41.60 | 0.05 | Lateral |
| SWR_LTR_11571 | Polyvinyl Chloride | 6 | 29.05 | 0.03 | Lateral |
| SWR_LTR_11572 | Polyvinyl Chloride | 6 | 29.53 | 0.03 | Lateral |
| SWR_LTR_11573 | Polyvinyl Chloride | 6 | 29.96 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11606 | Polyvinyl Chloride | 6 | 13.01 | 0.01 | Lateral |
| SWR_LTR_11607 | Polyvinyl Chloride | 6 | 13.47 | 0.02 | Lateral |
| SWR_LTR_11608 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_11609 | Polyvinyl Chloride | 6 | 17.01 | 0.02 | Lateral |
| SWR_LTR_11610 | Polyvinyl Chloride | 6 | 56.18 | 0.06 | Lateral |
| SWR_LTR_11611 | Polyvinyl Chloride | 6 | 56.21 | 0.06 | Lateral |
| SWR_LTR_11612 | Polyvinyl Chloride | 6 | 48.95 | 0.06 | Lateral |
| SWR_LTR_11613 | Polyvinyl Chloride | 6 | 58.23 | 0.07 | Lateral |
| SWR_LTR_11614 | Polyvinyl Chloride | 6 | 53.48 | 0.06 | Lateral |
| SWR_LTR_11615 | Polyvinyl Chloride | 6 | 44.84 | 0.05 | Lateral |
| SWR_LTR_11616 | Polyvinyl Chloride | 6 | 44.35 | 0.05 | Lateral |
| SWR_LTR_11617 | Polyvinyl Chloride | 6 | 48.15 | 0.05 | Lateral |
| SWR_LTR_11618 | Polyvinyl Chloride | 6 | 51.20 | 0.06 | Lateral |
| SWR_LTR_11619 | Polyvinyl Chloride | 6 | 47.23 | 0.05 | Lateral |
| SWR_LTR_11620 | Polyvinyl Chloride | 6 | 46.21 | 0.05 | Lateral |
| SWR_LTR_11621 | Polyvinyl Chloride | 6 | 52.21 | 0.06 | Lateral |
| SWR_LTR_11622 | Polyvinyl Chloride | 6 | 53.22 | 0.06 | Lateral |
| SWR_LTR_11623 | Polyvinyl Chloride | 6 | 55.21 | 0.06 | Lateral |
| SWR_LTR_11636 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_11637 | Polyvinyl Chloride | 6 | 11.17 | 0.01 | Lateral |
| SWR_LTR_11638 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_11639 | Polyvinyl Chloride | 6 | 21.30 | 0.02 | Lateral |
| SWR_LTR_11640 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_11641 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_11642 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_11643 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_11644 | Polyvinyl Chloride | 6 | 8.68 | 0.01 | Lateral |
| SWR_LTR_11645 | Polyvinyl Chloride | 6 | 7.97 | 0.01 | Lateral |
| SWR_LTR_11646 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_11647 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_11648 | Polyvinyl Chloride | 6 | 13.00 | 0.01 | Lateral |
| SWR_LTR_11649 | Polyvinyl Chloride | 6 | 9.99 | 0.01 | Lateral |
| SWR_LTR_11650 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_11651 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_11652 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_11653 | Polyvinyl Chloride | 6 | 10.20 | 0.01 | Lateral |
| SWR_LTR_11654 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_11655 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_11656 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_11657 | Polyvinyl Chloride | 6 | 10.63 | 0.01 | Lateral |
| SWR_LTR_11658 | Polyvinyl Chloride | 6 | 9.32 | 0.01 | Lateral |
| SWR_LTR_11681 | Polyvinyl Chloride | 6 | 44.65 | 0.05 | Lateral |
| SWR_LTR_11683 | Polyvinyl Chloride | 6 | 44.77 | 0.05 | Lateral |
| SWR_LTR_11684 | Polyvinyl Chloride | 6 | 45.06 | 0.05 | Lateral |
| SWR_LTR_11685 | Polyvinyl Chloride | 6 | 35.43 | 0.04 | Lateral |
| SWR_LTR_11686 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_11687 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_11688 | Polyvinyl Chloride | 6 | 11.19 | 0.01 | Lateral |
| SWR_LTR_11712 | Polyvinyl Chloride | 6 | 37.05 | 0.04 | Lateral |
| SWR_LTR_11713 | Polyvinyl Chloride | 6 | 35.78 | 0.04 | Lateral |
| SWR_LTR_11714 | Polyvinyl Chloride | 6 | 29.14 | 0.03 | Lateral |
| SWR_LTR_11715 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_11716 | Polyvinyl Chloride | 6 | 36.26 | 0.04 | Lateral |
| SWR_LTR_11717 | Polyvinyl Chloride | 6 | 44.04 | 0.05 | Lateral |
| SWR_LTR_11718 | Polyvinyl Chloride | 6 | 44.33 | 0.05 | Lateral |
| SWR_LTR_11719 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_11720 | Polyvinyl Chloride | 6 | 5.99 | 0.01 | Lateral |
| SWR_LTR_11721 | Polyvinyl Chloride | 6 | 6.22 | 0.01 | Lateral |
| SWR_LTR_11726 | Polyvinyl Chloride | 6 | 22.62 | 0.03 | Lateral |
| SWR_LTR_11727 | Polyvinyl Chloride | 6 | 15.91 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11728 | Polyvinyl Chloride | 6 | 16.12 | 0.02 | Lateral |
| SWR_LTR_11729 | Polyvinyl Chloride | 6 | 16.44 | 0.02 | Lateral |
| SWR_LTR_11730 | Polyvinyl Chloride | 6 | 16.69 | 0.02 | Lateral |
| SWR_LTR_11731 | Polyvinyl Chloride | 6 | 11.28 | 0.01 | Lateral |
| SWR_LTR_11732 | Polyvinyl Chloride | 6 | 19.31 | 0.02 | Lateral |
| SWR_LTR_11733 | Polyvinyl Chloride | 6 | 20.31 | 0.02 | Lateral |
| SWR_LTR_11734 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_11752 | Polyvinyl Chloride | 6 | 40.24 | 0.05 | Lateral |
| SWR_LTR_11753 | Polyvinyl Chloride | 6 | 44.80 | 0.05 | Lateral |
| SWR_LTR_11754 | Polyvinyl Chloride | 6 | 35.85 | 0.04 | Lateral |
| SWR_LTR_11755 | Polyvinyl Chloride | 6 | 69.86 | 0.08 | Lateral |
| SWR_LTR_11897 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_13634 | Polyvinyl Chloride | 6 | 8.12 | 0.01 | Lateral |
| SWR_LTR_13635 | Polyvinyl Chloride | 6 | 8.13 | 0.01 | Lateral |
| SWR_LTR_13636 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_13637 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_13638 | Polyvinyl Chloride | 6 | 8.27 | 0.01 | Lateral |
| SWR_LTR_13639 | Polyvinyl Chloride | 6 | 8.12 | 0.01 | Lateral |
| SWR_LTR_13640 | Polyvinyl Chloride | 6 | 8.88 | 0.01 | Lateral |
| SWR_LTR_13641 | Polyvinyl Chloride | 6 | 8.05 | 0.01 | Lateral |
| SWR_LTR_13642 | Polyvinyl Chloride | 6 | 7.96 | 0.01 | Lateral |
| SWR_LTR_13771 | Polyvinyl Chloride | 6 | 33.22 | 0.04 | Lateral |
| SWR_LTR_13772 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_13773 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_13774 | Polyvinyl Chloride | 6 | 9.19 | 0.01 | Lateral |
| SWR_LTR_13775 | Polyvinyl Chloride | 6 | 9.22 | 0.01 | Lateral |
| SWR_LTR_13776 | Polyvinyl Chloride | 6 | 9.17 | 0.01 | Lateral |
| SWR_LTR_13777 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_13778 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_13779 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_13780 | Polyvinyl Chloride | 6 | 14.89 | 0.02 | Lateral |
| SWR_LTR_13781 | Polyvinyl Chloride | 6 | 14.35 | 0.02 | Lateral |
| SWR_LTR_13782 | Polyvinyl Chloride | 6 | 26.45 | 0.03 | Lateral |
| SWR_LTR_13783 | Polyvinyl Chloride | 6 | 48.97 | 0.06 | Lateral |
| SWR_LTR_13784 | Polyvinyl Chloride | 6 | 49.04 | 0.06 | Lateral |
| SWR_LTR_13785 | Polyvinyl Chloride | 6 | 49.11 | 0.06 | Lateral |
| SWR_LTR_13786 | Polyvinyl Chloride | 6 | 49.16 | 0.06 | Lateral |
| SWR_LTR_15201 | Polyvinyl Chloride | 6 | 47.60 | 0.05 | Lateral |
| SWR_LTR_15255 | Polyvinyl Chloride | 6 | 28.47 | 0.03 | Lateral |
| SWR_LTR_15256 | Polyvinyl Chloride | 6 | 27.37 | 0.03 | Lateral |
| SWR_LTR_15586 | Polyvinyl Chloride | 6 | 75.59 | 0.09 | Lateral |
| SWR_LTR_16646 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_16647 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_16648 | Polyvinyl Chloride | 6 | 35.08 | 0.04 | Lateral |
| SWR_LTR_16649 | Polyvinyl Chloride | 6 | 25.36 | 0.03 | Lateral |
| SWR_LTR_16650 | Polyvinyl Chloride | 6 | 25.37 | 0.03 | Lateral |
| SWR_LTR_16651 | Polyvinyl Chloride | 6 | 26.72 | 0.03 | Lateral |
| SWR_LTR_16652 | Polyvinyl Chloride | 6 | 19.46 | 0.02 | Lateral |
| SWR_LTR_16653 | Polyvinyl Chloride | 6 | 41.09 | 0.05 | Lateral |
| SWR_LTR_16662 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_16663 | Polyvinyl Chloride | 6 | 56.96 | 0.06 | Lateral |
| SWR_LTR_16664 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_16665 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_16666 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_16667 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_16668 | Polyvinyl Chloride | 6 | 11.54 | 0.01 | Lateral |
| SWR_LTR_16669 | Polyvinyl Chloride | 6 | 13.90 | 0.02 | Lateral |
| SWR_LTR_16670 | Polyvinyl Chloride | 6 | 12.92 | 0.01 | Lateral |
| SWR_LTR_16671 | Polyvinyl Chloride | 6 | 13.12 | 0.01 | Lateral |
| SWR_LTR_16672 | Polyvinyl Chloride | 6 | 22.35 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16673 | Polyvinyl Chloride | 6 | 22.77 | 0.03 | Lateral |
| SWR_LTR_16677 | Polyvinyl Chloride | 6 | 39.80 | 0.05 | Lateral |
| SWR_LTR_16678 | Polyvinyl Chloride | 6 | 39.89 | 0.05 | Lateral |
| SWR_LTR_16679 | Polyvinyl Chloride | 6 | 40.11 | 0.05 | Lateral |
| SWR_LTR_16680 | Polyvinyl Chloride | 6 | 41.05 | 0.05 | Lateral |
| SWR_LTR_16681 | Polyvinyl Chloride | 6 | 27.15 | 0.03 | Lateral |
| SWR_LTR_16682 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_16683 | Polyvinyl Chloride | 6 | 42.30 | 0.05 | Lateral |
| SWR_LTR_16684 | Polyvinyl Chloride | 6 | 30.02 | 0.03 | Lateral |
| SWR_LTR_16685 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_16686 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_16687 | Polyvinyl Chloride | 6 | 29.79 | 0.03 | Lateral |
| SWR_LTR_16688 | Polyvinyl Chloride | 6 | 40.12 | 0.05 | Lateral |
| SWR_LTR_16689 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_16690 | Polyvinyl Chloride | 6 | 45.07 | 0.05 | Lateral |
| SWR_LTR_16691 | Polyvinyl Chloride | 6 | 34.48 | 0.04 | Lateral |
| SWR_LTR_16692 | Polyvinyl Chloride | 6 | 40.53 | 0.05 | Lateral |
| SWR_LTR_16693 | Polyvinyl Chloride | 6 | 44.38 | 0.05 | Lateral |
| SWR_LTR_16694 | Polyvinyl Chloride | 6 | 26.29 | 0.03 | Lateral |
| SWR_LTR_16695 | Polyvinyl Chloride | 6 | 29.91 | 0.03 | Lateral |
| SWR_LTR_16696 | Polyvinyl Chloride | 6 | 38.29 | 0.04 | Lateral |
| SWR_LTR_16697 | Polyvinyl Chloride | 6 | 28.11 | 0.03 | Lateral |
| SWR_LTR_16698 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_16699 | Polyvinyl Chloride | 6 | 16.99 | 0.02 | Lateral |
| SWR_LTR_16700 | Polyvinyl Chloride | 6 | 16.88 | 0.02 | Lateral |
| SWR_LTR_16701 | Polyvinyl Chloride | 6 | 34.72 | 0.04 | Lateral |
| SWR_LTR_16702 | Polyvinyl Chloride | 6 | 34.76 | 0.04 | Lateral |
| SWR_LTR_16703 | Polyvinyl Chloride | 6 | 35.67 | 0.04 | Lateral |
| SWR_LTR_16704 | Polyvinyl Chloride | 6 | 35.66 | 0.04 | Lateral |
| SWR_LTR_16705 | Polyvinyl Chloride | 6 | 35.67 | 0.04 | Lateral |
| SWR_LTR_17066 | Polyvinyl Chloride | 6 | 45.51 | 0.05 | Lateral |
| SWR_LTR_17067 | Polyvinyl Chloride | 6 | 36.58 | 0.04 | Lateral |
| SWR_LTR_17068 | Polyvinyl Chloride | 6 | 37.36 | 0.04 | Lateral |
| SWR_LTR_17069 | Polyvinyl Chloride | 6 | 29.17 | 0.03 | Lateral |
| SWR_LTR_17070 | Polyvinyl Chloride | 6 | 41.52 | 0.05 | Lateral |
| SWR_LTR_17071 | Polyvinyl Chloride | 6 | 32.04 | 0.04 | Lateral |
| SWR_LTR_17072 | Polyvinyl Chloride | 6 | 43.96 | 0.05 | Lateral |
| SWR_LTR_17073 | Polyvinyl Chloride | 6 | 44.03 | 0.05 | Lateral |
| SWR_LTR_17074 | Polyvinyl Chloride | 6 | 39.38 | 0.04 | Lateral |
| SWR_LTR_17075 | Polyvinyl Chloride | 6 | 31.60 | 0.04 | Lateral |
| SWR_LTR_17076 | Polyvinyl Chloride | 6 | 31.76 | 0.04 | Lateral |
| SWR_LTR_17077 | Polyvinyl Chloride | 6 | 16.91 | 0.02 | Lateral |
| SWR_LTR_17078 | Polyvinyl Chloride | 6 | 16.93 | 0.02 | Lateral |
| SWR_LTR_17232 | Polyvinyl Chloride | 6 | 33.33 | 0.04 | Lateral |
| SWR_LTR_17233 | Polyvinyl Chloride | 6 | 32.23 | 0.04 | Lateral |
| SWR_LTR_17234 | Polyvinyl Chloride | 6 | 32.22 | 0.04 | Lateral |
| SWR_LTR_17235 | Polyvinyl Chloride | 6 | 39.90 | 0.05 | Lateral |
| SWR_LTR_17236 | Polyvinyl Chloride | 6 | 44.05 | 0.05 | Lateral |
| SWR_LTR_17237 | Polyvinyl Chloride | 6 | 39.47 | 0.04 | Lateral |
| SWR_LTR_17238 | Polyvinyl Chloride | 6 | 35.64 | 0.04 | Lateral |
| SWR_LTR_17239 | Polyvinyl Chloride | 6 | 36.16 | 0.04 | Lateral |
| SWR_LTR_17240 | Polyvinyl Chloride | 6 | 35.72 | 0.04 | Lateral |
| SWR_LTR_17241 | Polyvinyl Chloride | 6 | 35.25 | 0.04 | Lateral |
| SWR_LTR_17253 | Polyvinyl Chloride | 6 | 40.47 | 0.05 | Lateral |
| SWR_LTR_17254 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_17255 | Polyvinyl Chloride | 6 | 45.16 | 0.05 | Lateral |
| SWR_LTR_17256 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_17257 | Polyvinyl Chloride | 6 | 44.42 | 0.05 | Lateral |
| SWR_LTR_17258 | Polyvinyl Chloride | 6 | 28.43 | 0.03 | Lateral |
| SWR_LTR_17259 | Polyvinyl Chloride | 6 | 28.75 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17260 | Polyvinyl Chloride | 6 | 29.01 | 0.03 | Lateral |
| SWR_LTR_17261 | Polyvinyl Chloride | 6 | 29.28 | 0.03 | Lateral |
| SWR_LTR_17262 | Polyvinyl Chloride | 6 | 25.31 | 0.03 | Lateral |
| SWR_LTR_17413 | Polyvinyl Chloride | 6 | 34.67 | 0.04 | Lateral |
| SWR_LTR_17414 | Polyvinyl Chloride | 6 | 49.96 | 0.06 | Lateral |
| SWR_LTR_17415 | Polyvinyl Chloride | 6 | 53.13 | 0.06 | Lateral |
| SWR_LTR_17416 | Polyvinyl Chloride | 6 | 53.11 | 0.06 | Lateral |
| SWR_LTR_17417 | Polyvinyl Chloride | 6 | 49.68 | 0.06 | Lateral |
| SWR_LTR_17418 | Polyvinyl Chloride | 6 | 38.97 | 0.04 | Lateral |
| SWR_LTR_17419 | Polyvinyl Chloride | 6 | 48.99 | 0.06 | Lateral |
| SWR_LTR_17420 | Polyvinyl Chloride | 6 | 38.25 | 0.04 | Lateral |
| SWR_LTR_17421 | Polyvinyl Chloride | 6 | 39.89 | 0.05 | Lateral |
| SWR_LTR_17422 | Polyvinyl Chloride | 6 | 35.00 | 0.04 | Lateral |
| SWR_LTR_17423 | Polyvinyl Chloride | 6 | 38.03 | 0.04 | Lateral |
| SWR_LTR_17424 | Polyvinyl Chloride | 6 | 18.57 | 0.02 | Lateral |
| SWR_LTR_17425 | Polyvinyl Chloride | 6 | 12.10 | 0.01 | Lateral |
| SWR_LTR_17426 | Polyvinyl Chloride | 6 | 12.27 | 0.01 | Lateral |
| SWR_LTR_17427 | Polyvinyl Chloride | 6 | 12.42 | 0.01 | Lateral |
| SWR_LTR_17428 | Polyvinyl Chloride | 6 | 12.46 | 0.01 | Lateral |
| SWR_LTR_17429 | Polyvinyl Chloride | 6 | 12.45 | 0.01 | Lateral |
| SWR_LTR_17430 | Polyvinyl Chloride | 6 | 12.49 | 0.01 | Lateral |
| SWR_LTR_17431 | Polyvinyl Chloride | 6 | 12.55 | 0.01 | Lateral |
| SWR_LTR_17432 | Polyvinyl Chloride | 6 | 37.88 | 0.04 | Lateral |
| SWR_LTR_17433 | Polyvinyl Chloride | 6 | 17.48 | 0.02 | Lateral |
| SWR_LTR_17434 | Polyvinyl Chloride | 6 | 17.07 | 0.02 | Lateral |
| SWR_LTR_17435 | Polyvinyl Chloride | 6 | 17.11 | 0.02 | Lateral |
| SWR_LTR_17436 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_17466 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_17467 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_17468 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_17469 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_17470 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_17471 | Polyvinyl Chloride | 6 | 14.59 | 0.02 | Lateral |
| SWR_LTR_17472 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_17473 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_17474 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_17475 | Polyvinyl Chloride | 6 | 36.53 | 0.04 | Lateral |
| SWR_LTR_17476 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_17477 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_17478 | Polyvinyl Chloride | 6 | 17.20 | 0.02 | Lateral |
| SWR_LTR_17479 | Polyvinyl Chloride | 6 | 17.19 | 0.02 | Lateral |
| SWR_LTR_17480 | Polyvinyl Chloride | 6 | 46.20 | 0.05 | Lateral |
| SWR_LTR_17481 | Polyvinyl Chloride | 6 | 38.64 | 0.04 | Lateral |
| SWR_LTR_17482 | Polyvinyl Chloride | 6 | 63.85 | 0.07 | Lateral |
| SWR_LTR_17483 | Polyvinyl Chloride | 6 | 33.19 | 0.04 | Lateral |
| SWR_LTR_17484 | Polyvinyl Chloride | 6 | 32.54 | 0.04 | Lateral |
| SWR_LTR_17485 | Polyvinyl Chloride | 6 | 31.61 | 0.04 | Lateral |
| SWR_LTR_17486 | Polyvinyl Chloride | 6 | 31.61 | 0.04 | Lateral |
| SWR_LTR_17487 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_17488 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_17489 | Polyvinyl Chloride | 6 | 35.05 | 0.04 | Lateral |
| SWR_LTR_17490 | Polyvinyl Chloride | 6 | 40.40 | 0.05 | Lateral |
| SWR_LTR_17491 | Polyvinyl Chloride | 6 | 40.30 | 0.05 | Lateral |
| SWR_LTR_17492 | Polyvinyl Chloride | 6 | 40.44 | 0.05 | Lateral |
| SWR_LTR_17493 | Polyvinyl Chloride | 6 | 34.59 | 0.04 | Lateral |
| SWR_LTR_17494 | Polyvinyl Chloride | 6 | 37.63 | 0.04 | Lateral |
| SWR_LTR_17495 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_17496 | Polyvinyl Chloride | 6 | 40.31 | 0.05 | Lateral |
| SWR_LTR_17497 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_17498 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17499 | Polyvinyl Chloride | 6 | 40.03 | 0.05 | Lateral |
| SWR_LTR_17500 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_17501 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_17502 | Polyvinyl Chloride | 6 | 35.11 | 0.04 | Lateral |
| SWR_LTR_17503 | Polyvinyl Chloride | 6 | 34.85 | 0.04 | Lateral |
| SWR_LTR_17504 | Polyvinyl Chloride | 6 | 34.77 | 0.04 | Lateral |
| SWR_LTR_17505 | Polyvinyl Chloride | 6 | 33.76 | 0.04 | Lateral |
| SWR_LTR_17506 | Polyvinyl Chloride | 6 | 33.73 | 0.04 | Lateral |
| SWR_LTR_17507 | Polyvinyl Chloride | 6 | 33.70 | 0.04 | Lateral |
| SWR_LTR_17508 | Polyvinyl Chloride | 6 | 33.70 | 0.04 | Lateral |
| SWR_LTR_17509 | Polyvinyl Chloride | 6 | 45.14 | 0.05 | Lateral |
| SWR_LTR_17510 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_17511 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_17535 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_17536 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_17537 | Polyvinyl Chloride | 6 | 40.05 | 0.05 | Lateral |
| SWR_LTR_17538 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_17539 | Polyvinyl Chloride | 6 | 40.15 | 0.05 | Lateral |
| SWR_LTR_17540 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_17541 | Polyvinyl Chloride | 6 | 40.06 | 0.05 | Lateral |
| SWR_LTR_17542 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_17543 | Polyvinyl Chloride | 6 | 40.00 | 0.05 | Lateral |
| SWR_LTR_17544 | Polyvinyl Chloride | 6 | 38.17 | 0.04 | Lateral |
| SWR_LTR_17545 | Polyvinyl Chloride | 6 | 39.95 | 0.05 | Lateral |
| SWR_LTR_17546 | Polyvinyl Chloride | 6 | 54.71 | 0.06 | Lateral |
| SWR_LTR_17557 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_17558 | Polyvinyl Chloride | 6 | 36.61 | 0.04 | Lateral |
| SWR_LTR_17559 | Polyvinyl Chloride | 6 | 17.04 | 0.02 | Lateral |
| SWR_LTR_17560 | Polyvinyl Chloride | 6 | 17.04 | 0.02 | Lateral |
| SWR_LTR_17561 | Polyvinyl Chloride | 6 | 17.15 | 0.02 | Lateral |
| SWR_LTR_17562 | Polyvinyl Chloride | 6 | 12.25 | 0.01 | Lateral |
| SWR_LTR_17563 | Polyvinyl Chloride | 6 | 15.91 | 0.02 | Lateral |
| SWR_LTR_17564 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_17565 | Polyvinyl Chloride | 6 | 9.06 | 0.01 | Lateral |
| SWR_LTR_17566 | Polyvinyl Chloride | 6 | 8.63 | 0.01 | Lateral |
| SWR_LTR_17567 | Polyvinyl Chloride | 6 | 9.08 | 0.01 | Lateral |
| SWR_LTR_17568 | Polyvinyl Chloride | 6 | 14.14 | 0.02 | Lateral |
| SWR_LTR_17569 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_17570 | Polyvinyl Chloride | 6 | 6.15 | 0.01 | Lateral |
| SWR_LTR_17571 | Polyvinyl Chloride | 6 | 16.16 | 0.02 | Lateral |
| SWR_LTR_17572 | Polyvinyl Chloride | 6 | 16.16 | 0.02 | Lateral |
| SWR_LTR_17573 | Polyvinyl Chloride | 6 | 11.14 | 0.01 | Lateral |
| SWR_LTR_17574 | Polyvinyl Chloride | 6 | 6.87 | 0.01 | Lateral |
| SWR_LTR_17575 | Polyvinyl Chloride | 6 | 5.14 | 0.01 | Lateral |
| SWR_LTR_17576 | Polyvinyl Chloride | 6 | 33.09 | 0.04 | Lateral |
| SWR_LTR_17577 | Polyvinyl Chloride | 6 | 30.11 | 0.03 | Lateral |
| SWR_LTR_17578 | Polyvinyl Chloride | 6 | 32.08 | 0.04 | Lateral |
| SWR_LTR_17579 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_17580 | Polyvinyl Chloride | 6 | 41.60 | 0.05 | Lateral |
| SWR_LTR_17581 | Polyvinyl Chloride | 6 | 41.56 | 0.05 | Lateral |
| SWR_LTR_17582 | Polyvinyl Chloride | 6 | 41.52 | 0.05 | Lateral |
| SWR_LTR_17583 | Polyvinyl Chloride | 6 | 41.47 | 0.05 | Lateral |
| SWR_LTR_17584 | Polyvinyl Chloride | 6 | 33.79 | 0.04 | Lateral |
| SWR_LTR_17601 | Polyvinyl Chloride | 6 | 6.25 | 0.01 | Lateral |
| SWR_LTR_17608 | Polyvinyl Chloride | 6 | 43.86 | 0.05 | Lateral |
| SWR_LTR_17609 | Polyvinyl Chloride | 6 | 29.54 | 0.03 | Lateral |
| SWR_LTR_17610 | Polyvinyl Chloride | 6 | 29.57 | 0.03 | Lateral |
| SWR_LTR_17611 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_17612 | Polyvinyl Chloride | 6 | 31.44 | 0.04 | Lateral |
| SWR_LTR_17613 | Polyvinyl Chloride | 6 | 31.56 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17614 | Polyvinyl Chloride | 6 | 45.97 | 0.05 | Lateral |
| SWR_LTR_17615 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_17616 | Polyvinyl Chloride | 6 | 57.50 | 0.07 | Lateral |
| SWR_LTR_17647 | Polyvinyl Chloride | 6 | 28.74 | 0.03 | Lateral |
| SWR_LTR_17648 | Polyvinyl Chloride | 6 | 30.78 | 0.03 | Lateral |
| SWR_LTR_17649 | Polyvinyl Chloride | 6 | 34.71 | 0.04 | Lateral |
| SWR_LTR_17650 | Polyvinyl Chloride | 6 | 22.57 | 0.03 | Lateral |
| SWR_LTR_17651 | Polyvinyl Chloride | 6 | 26.93 | 0.03 | Lateral |
| SWR_LTR_17652 | Polyvinyl Chloride | 6 | 30.78 | 0.03 | Lateral |
| SWR_LTR_17653 | Polyvinyl Chloride | 6 | 45.76 | 0.05 | Lateral |
| SWR_LTR_17654 | Polyvinyl Chloride | 6 | 51.66 | 0.06 | Lateral |
| SWR_LTR_17655 | Polyvinyl Chloride | 6 | 53.05 | 0.06 | Lateral |
| SWR_LTR_17656 | Polyvinyl Chloride | 6 | 75.73 | 0.09 | Lateral |
| SWR_LTR_17657 | Polyvinyl Chloride | 6 | 41.56 | 0.05 | Lateral |
| SWR_LTR_17658 | Polyvinyl Chloride | 6 | 49.50 | 0.06 | Lateral |
| SWR_LTR_17659 | Polyvinyl Chloride | 6 | 41.74 | 0.05 | Lateral |
| SWR_LTR_17660 | Polyvinyl Chloride | 6 | 41.74 | 0.05 | Lateral |
| SWR_LTR_17661 | Polyvinyl Chloride | 6 | 41.71 | 0.05 | Lateral |
| SWR_LTR_17662 | Polyvinyl Chloride | 6 | 41.71 | 0.05 | Lateral |
| SWR_LTR_17663 | Polyvinyl Chloride | 6 | 28.55 | 0.03 | Lateral |
| SWR_LTR_17664 | Polyvinyl Chloride | 6 | 33.54 | 0.04 | Lateral |
| SWR_LTR_17665 | Polyvinyl Chloride | 6 | 33.56 | 0.04 | Lateral |
| SWR_LTR_17666 | Polyvinyl Chloride | 6 | 33.64 | 0.04 | Lateral |
| SWR_LTR_17667 | Polyvinyl Chloride | 6 | 38.29 | 0.04 | Lateral |
| SWR_LTR_17668 | Polyvinyl Chloride | 6 | 33.70 | 0.04 | Lateral |
| SWR_LTR_17669 | Polyvinyl Chloride | 6 | 41.68 | 0.05 | Lateral |
| SWR_LTR_17670 | Polyvinyl Chloride | 6 | 72.33 | 0.08 | Lateral |
| SWR_LTR_17671 | Polyvinyl Chloride | 6 | 26.47 | 0.03 | Lateral |
| SWR_LTR_17672 | Polyvinyl Chloride | 6 | 30.74 | 0.03 | Lateral |
| SWR_LTR_17673 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_17674 | Polyvinyl Chloride | 6 | 35.25 | 0.04 | Lateral |
| SWR_LTR_17675 | Polyvinyl Chloride | 6 | 38.89 | 0.04 | Lateral |
| SWR_LTR_17676 | Polyvinyl Chloride | 6 | 36.00 | 0.04 | Lateral |
| SWR_LTR_17677 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_17678 | Polyvinyl Chloride | 6 | 35.51 | 0.04 | Lateral |
| SWR_LTR_17679 | Polyvinyl Chloride | 6 | 35.39 | 0.04 | Lateral |
| SWR_LTR_17680 | Polyvinyl Chloride | 6 | 58.92 | 0.07 | Lateral |
| SWR_LTR_17681 | Polyvinyl Chloride | 6 | 45.15 | 0.05 | Lateral |
| SWR_LTR_17682 | Polyvinyl Chloride | 6 | 45.16 | 0.05 | Lateral |
| SWR_LTR_17683 | Polyvinyl Chloride | 6 | 45.11 | 0.05 | Lateral |
| SWR_LTR_17684 | Polyvinyl Chloride | 6 | 30.04 | 0.03 | Lateral |
| SWR_LTR_17685 | Polyvinyl Chloride | 6 | 30.06 | 0.03 | Lateral |
| SWR_LTR_17686 | Polyvinyl Chloride | 6 | 30.03 | 0.03 | Lateral |
| SWR_LTR_17687 | Polyvinyl Chloride | 6 | 30.04 | 0.03 | Lateral |
| SWR_LTR_17742 | Polyvinyl Chloride | 6 | 30.03 | 0.03 | Lateral |
| SWR_LTR_17743 | Polyvinyl Chloride | 6 | 30.04 | 0.03 | Lateral |
| SWR_LTR_17744 | Polyvinyl Chloride | 6 | 51.01 | 0.06 | Lateral |
| SWR_LTR_17745 | Polyvinyl Chloride | 6 | 45.33 | 0.05 | Lateral |
| SWR_LTR_17746 | Polyvinyl Chloride | 6 | 45.32 | 0.05 | Lateral |
| SWR_LTR_17747 | Polyvinyl Chloride | 6 | 45.35 | 0.05 | Lateral |
| SWR_LTR_17748 | Polyvinyl Chloride | 6 | 45.33 | 0.05 | Lateral |
| SWR_LTR_17749 | Polyvinyl Chloride | 6 | 45.35 | 0.05 | Lateral |
| SWR_LTR_17750 | Polyvinyl Chloride | 6 | 30.10 | 0.03 | Lateral |
| SWR_LTR_17751 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_17752 | Polyvinyl Chloride | 6 | 10.00 | 0.01 | Lateral |
| SWR_LTR_17753 | Polyvinyl Chloride | 6 | 15.00 | 0.02 | Lateral |
| SWR_LTR_17754 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_17755 | Polyvinyl Chloride | 6 | 9.99 | 0.01 | Lateral |
| SWR_LTR_17756 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_17757 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17758 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_17759 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_17760 | Polyvinyl Chloride | 6 | 10.22 | 0.01 | Lateral |
| SWR_LTR_17761 | Polyvinyl Chloride | 6 | 15.12 | 0.02 | Lateral |
| SWR_LTR_17762 | Polyvinyl Chloride | 6 | 17.73 | 0.02 | Lateral |
| SWR_LTR_17763 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_17764 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_17765 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_17766 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_17767 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_17768 | Polyvinyl Chloride | 6 | 10.18 | 0.01 | Lateral |
| SWR_LTR_17769 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_17770 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_17771 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_17772 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_17773 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_17774 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_17775 | Polyvinyl Chloride | 6 | 5.48 | 0.01 | Lateral |
| SWR_LTR_17776 | Polyvinyl Chloride | 6 | 5.52 | 0.01 | Lateral |
| SWR_LTR_17777 | Polyvinyl Chloride | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_17804 | Polyvinyl Chloride | 6 | 5.47 | 0.01 | Lateral |
| SWR_LTR_17805 | Polyvinyl Chloride | 6 | 30.08 | 0.03 | Lateral |
| SWR_LTR_17806 | Polyvinyl Chloride | 6 | 30.07 | 0.03 | Lateral |
| SWR_LTR_17807 | Polyvinyl Chloride | 6 | 17.77 | 0.02 | Lateral |
| SWR_LTR_17808 | Polyvinyl Chloride | 6 | 38.30 | 0.04 | Lateral |
| SWR_LTR_17812 | Polyvinyl Chloride | 6 | 23.52 | 0.03 | Lateral |
| SWR_LTR_17813 | Polyvinyl Chloride | 6 | 23.27 | 0.03 | Lateral |
| SWR_LTR_17815 | Polyvinyl Chloride | 6 | 32.42 | 0.04 | Lateral |
| SWR_LTR_17899 | Polyvinyl Chloride | 6 | 6.09 | 0.01 | Lateral |
| SWR_LTR_17900 | Polyvinyl Chloride | 6 | 5.88 | 0.01 | Lateral |
| SWR_LTR_17901 | Polyvinyl Chloride | 6 | 5.70 | 0.01 | Lateral |
| SWR_LTR_17902 | Polyvinyl Chloride | 6 | 5.50 | 0.01 | Lateral |
| SWR_LTR_17903 | Polyvinyl Chloride | 6 | 6.53 | 0.01 | Lateral |
| SWR_LTR_17904 | Polyvinyl Chloride | 6 | 12.29 | 0.01 | Lateral |
| SWR_LTR_17905 | Polyvinyl Chloride | 6 | 9.03 | 0.01 | Lateral |
| SWR_LTR_17906 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |
| SWR_LTR_17907 | Polyvinyl Chloride | 6 | 5.08 | 0.01 | Lateral |
| SWR_LTR_17908 | Polyvinyl Chloride | 6 | 5.43 | 0.01 | Lateral |
| SWR_LTR_17909 | Polyvinyl Chloride | 6 | 5.80 | 0.01 | Lateral |
| SWR_LTR_17910 | Polyvinyl Chloride | 6 | 6.15 | 0.01 | Lateral |
| SWR_LTR_17911 | Polyvinyl Chloride | 6 | 6.47 | 0.01 | Lateral |
| SWR_LTR_17912 | Polyvinyl Chloride | 6 | 6.79 | 0.01 | Lateral |
| SWR_LTR_17913 | Polyvinyl Chloride | 6 | 7.16 | 0.01 | Lateral |
| SWR_LTR_17914 | Polyvinyl Chloride | 6 | 7.86 | 0.01 | Lateral |
| SWR_LTR_17915 | Polyvinyl Chloride | 6 | 7.77 | 0.01 | Lateral |
| SWR_LTR_17916 | Polyvinyl Chloride | 6 | 7.71 | 0.01 | Lateral |
| SWR_LTR_17917 | Polyvinyl Chloride | 6 | 7.59 | 0.01 | Lateral |
| SWR_LTR_17918 | Polyvinyl Chloride | 6 | 7.55 | 0.01 | Lateral |
| SWR_LTR_17919 | Polyvinyl Chloride | 6 | 7.44 | 0.01 | Lateral |
| SWR_LTR_17920 | Polyvinyl Chloride | 6 | 7.41 | 0.01 | Lateral |
| SWR_LTR_17921 | Polyvinyl Chloride | 6 | 7.34 | 0.01 | Lateral |
| SWR_LTR_17935 | Polyvinyl Chloride | 6 | 14.69 | 0.02 | Lateral |
| SWR_LTR_17936 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_17937 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_17938 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_17939 | Polyvinyl Chloride | 6 | 15.14 | 0.02 | Lateral |
| SWR_LTR_17940 | Polyvinyl Chloride | 6 | 12.45 | 0.01 | Lateral |
| SWR_LTR_17941 | Polyvinyl Chloride | 6 | 12.25 | 0.01 | Lateral |
| SWR_LTR_17942 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_17943 | Polyvinyl Chloride | 6 | 12.71 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17944 | Polyvinyl Chloride | 6 | 7.40 | 0.01 | Lateral |
| SWR_LTR_17945 | Polyvinyl Chloride | 6 | 9.18 | 0.01 | Lateral |
| SWR_LTR_17960 | Polyvinyl Chloride | 6 | 33.85 | 0.04 | Lateral |
| SWR_LTR_17961 | Polyvinyl Chloride | 6 | 33.05 | 0.04 | Lateral |
| SWR_LTR_17962 | Polyvinyl Chloride | 6 | 29.58 | 0.03 | Lateral |
| SWR_LTR_17963 | Polyvinyl Chloride | 6 | 0.90 | 0.001 | Lateral |
| SWR_LTR_17964 | Polyvinyl Chloride | 6 | 10.21 | 0.01 | Lateral |
| SWR_LTR_18016 | Polyvinyl Chloride | 6 | 40.00 | 0.05 | Lateral |
| SWR_LTR_18017 | Polyvinyl Chloride | 6 | 40.57 | 0.05 | Lateral |
| SWR_LTR_18018 | Polyvinyl Chloride | 6 | 34.74 | 0.04 | Lateral |
| SWR_LTR_18019 | Polyvinyl Chloride | 6 | 34.89 | 0.04 | Lateral |
| SWR_LTR_18020 | Polyvinyl Chloride | 6 | 35.05 | 0.04 | Lateral |
| SWR_LTR_18021 | Polyvinyl Chloride | 6 | 35.13 | 0.04 | Lateral |
| SWR_LTR_18022 | Polyvinyl Chloride | 6 | 35.34 | 0.04 | Lateral |
| SWR_LTR_18023 | Polyvinyl Chloride | 6 | 40.14 | 0.05 | Lateral |
| SWR_LTR_18024 | Polyvinyl Chloride | 6 | 40.26 | 0.05 | Lateral |
| SWR_LTR_18025 | Polyvinyl Chloride | 6 | 40.33 | 0.05 | Lateral |
| SWR_LTR_18026 | Polyvinyl Chloride | 6 | 40.48 | 0.05 | Lateral |
| SWR_LTR_18027 | Polyvinyl Chloride | 6 | 34.96 | 0.04 | Lateral |
| SWR_LTR_18028 | Polyvinyl Chloride | 6 | 14.84 | 0.02 | Lateral |
| SWR_LTR_18029 | Polyvinyl Chloride | 6 | 44.87 | 0.05 | Lateral |
| SWR_LTR_18030 | Polyvinyl Chloride | 6 | 44.89 | 0.05 | Lateral |
| SWR_LTR_18031 | Polyvinyl Chloride | 6 | 10.51 | 0.01 | Lateral |
| SWR_LTR_18032 | Polyvinyl Chloride | 6 | 10.53 | 0.01 | Lateral |
| SWR_LTR_18033 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_18034 | Polyvinyl Chloride | 6 | 41.20 | 0.05 | Lateral |
| SWR_LTR_18035 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_18036 | Polyvinyl Chloride | 6 | 41.23 | 0.05 | Lateral |
| SWR_LTR_18037 | Polyvinyl Chloride | 6 | 39.21 | 0.04 | Lateral |
| SWR_LTR_18038 | Polyvinyl Chloride | 6 | 38.22 | 0.04 | Lateral |
| SWR_LTR_18039 | Polyvinyl Chloride | 6 | 37.74 | 0.04 | Lateral |
| SWR_LTR_18040 | Polyvinyl Chloride | 6 | 35.02 | 0.04 | Lateral |
| SWR_LTR_18041 | Polyvinyl Chloride | 6 | 35.15 | 0.04 | Lateral |
| SWR_LTR_18042 | Polyvinyl Chloride | 6 | 35.28 | 0.04 | Lateral |
| SWR_LTR_18043 | Polyvinyl Chloride | 6 | 35.40 | 0.04 | Lateral |
| SWR_LTR_18044 | Polyvinyl Chloride | 6 | 40.50 | 0.05 | Lateral |
| SWR_LTR_18045 | Polyvinyl Chloride | 6 | 34.92 | 0.04 | Lateral |
| SWR_LTR_18046 | Polyvinyl Chloride | 6 | 34.96 | 0.04 | Lateral |
| SWR_LTR_18047 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_18048 | Polyvinyl Chloride | 6 | 34.99 | 0.04 | Lateral |
| SWR_LTR_18050 | Polyvinyl Chloride | 6 | 35.03 | 0.04 | Lateral |
| SWR_LTR_18051 | Polyvinyl Chloride | 6 | 35.63 | 0.04 | Lateral |
| SWR_LTR_18052 | Polyvinyl Chloride | 6 | 35.67 | 0.04 | Lateral |
| SWR_LTR_18053 | Polyvinyl Chloride | 6 | 35.64 | 0.04 | Lateral |
| SWR_LTR_18054 | Polyvinyl Chloride | 6 | 39.74 | 0.05 | Lateral |
| SWR_LTR_18055 | Polyvinyl Chloride | 6 | 34.73 | 0.04 | Lateral |
| SWR_LTR_18056 | Polyvinyl Chloride | 6 | 34.75 | 0.04 | Lateral |
| SWR_LTR_18057 | Polyvinyl Chloride | 6 | 34.76 | 0.04 | Lateral |
| SWR_LTR_18058 | Polyvinyl Chloride | 6 | 34.78 | 0.04 | Lateral |
| SWR_LTR_18059 | Polyvinyl Chloride | 6 | 34.75 | 0.04 | Lateral |
| SWR_LTR_18060 | Polyvinyl Chloride | 6 | 34.72 | 0.04 | Lateral |
| SWR_LTR_18061 | Polyvinyl Chloride | 6 | 35.73 | 0.04 | Lateral |
| SWR_LTR_18062 | Polyvinyl Chloride | 6 | 35.86 | 0.04 | Lateral |
| SWR_LTR_18063 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_18064 | Polyvinyl Chloride | 6 | 37.20 | 0.04 | Lateral |
| SWR_LTR_18065 | Polyvinyl Chloride | 6 | 34.57 | 0.04 | Lateral |
| SWR_LTR_18066 | Polyvinyl Chloride | 6 | 34.62 | 0.04 | Lateral |
| SWR_LTR_18067 | Polyvinyl Chloride | 6 | 35.66 | 0.04 | Lateral |
| SWR_LTR_18068 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_18069 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_18070 | Polyvinyl Chloride | 6 | 40.06 | 0.05 | Lateral |
| SWR_LTR_18071 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_18072 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_18073 | Polyvinyl Chloride | 6 | 35.43 | 0.04 | Lateral |
| SWR_LTR_18074 | Polyvinyl Chloride | 6 | 35.28 | 0.04 | Lateral |
| SWR_LTR_18075 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_18076 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_18077 | Polyvinyl Chloride | 6 | 57.01 | 0.06 | Lateral |
| SWR_LTR_18078 | Polyvinyl Chloride | 6 | 40.15 | 0.05 | Lateral |
| SWR_LTR_18079 | Polyvinyl Chloride | 6 | 35.48 | 0.04 | Lateral |
| SWR_LTR_18473 | Polyvinyl Chloride | 6 | 61.38 | 0.07 | Lateral |
| SWR_LTR_18474 | Polyvinyl Chloride | 6 | 31.62 | 0.04 | Lateral |
| SWR_LTR_18475 | Polyvinyl Chloride | 6 | 41.34 | 0.05 | Lateral |
| SWR_LTR_18476 | Polyvinyl Chloride | 6 | 1.68 | 0.002 | Lateral |
| SWR_LTR_18477 | Polyvinyl Chloride | 6 | 46.72 | 0.05 | Lateral |
| SWR_LTR_18478 | Polyvinyl Chloride | 6 | 42.86 | 0.05 | Lateral |
| SWR_LTR_18479 | Polyvinyl Chloride | 6 | 36.07 | 0.04 | Lateral |
| SWR_LTR_1853 | Polyvinyl Chloride | 6 | 8.25 | 0.01 | Lateral |
| SWR_LTR_18533 | Polyvinyl Chloride | 6 | 41.81 | 0.05 | Lateral |
| SWR_LTR_18534 | Polyvinyl Chloride | 6 | 60.66 | 0.07 | Lateral |
| SWR_LTR_18893 | Unknown | 6 | 62.91 | 0.07 | Lateral |
| SWR_LTR_19174 | Polyvinyl Chloride | 6 | 40.57 | 0.05 | Lateral |
| SWR_LTR_2026 | Concrete (Non-Reinforced) | 6 | 12.87 | 0.01 | Lateral |
| SWR_LTR_2120 | Concrete (Non-Reinforced) | 6 | 9.88 | 0.01 | Lateral |
| SWR_LTR_2136 | Concrete (Non-Reinforced) | 6 | 12.93 | 0.01 | Lateral |
| SWR_LTR_2164 | Polyvinyl Chloride | 6 | 71.80 | 0.08 | Lateral |
| SWR_LTR_2382 | Polyvinyl Chloride | 6 | 62.10 | 0.07 | Lateral |
| SWR_LTR_2384 | Polyvinyl Chloride | 6 | 51.32 | 0.06 | Lateral |
| SWR_LTR_2385 | Polyvinyl Chloride | 6 | 21.75 | 0.02 | Lateral |
| SWR_LTR_2388 | Polyvinyl Chloride | 6 | 44.47 | 0.05 | Lateral |
| SWR_LTR_2390 | Polyvinyl Chloride | 6 | 40.34 | 0.05 | Lateral |
| SWR_LTR_2392 | Polyvinyl Chloride | 6 | 33.03 | 0.04 | Lateral |
| SWR_LTR_2394 | Polyvinyl Chloride | 6 | 10.23 | 0.01 | Lateral |
| SWR_LTR_2395 | Polyvinyl Chloride | 6 | 18.18 | 0.02 | Lateral |
| SWR_LTR_4812 | Polyvinyl Chloride | 6 | 52.01 | 0.06 | Lateral |
| SWR_LTR_4851 | Polyvinyl Chloride | 6 | 38.70 | 0.04 | Lateral |
| SWR_LTR_4853 | Polyvinyl Chloride | 6 | 37.37 | 0.04 | Lateral |
| SWR_LTR_4855 | Polyvinyl Chloride | 6 | 30.87 | 0.04 | Lateral |
| SWR_LTR_4857 | Polyvinyl Chloride | 6 | 38.51 | 0.04 | Lateral |
| SWR_LTR_4859 | Polyvinyl Chloride | 6 | 37.91 | 0.04 | Lateral |
| SWR_LTR_4861 | Polyvinyl Chloride | 6 | 33.31 | 0.04 | Lateral |
| SWR_LTR_4863 | Polyvinyl Chloride | 6 | 7.75 | 0.01 | Lateral |
| SWR_LTR_4865 | Polyvinyl Chloride | 6 | 7.87 | 0.01 | Lateral |
| SWR_LTR_4867 | Polyvinyl Chloride | 6 | 11.98 | 0.01 | Lateral |
| SWR_LTR_4869 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_4871 | Polyvinyl Chloride | 6 | 12.06 | 0.01 | Lateral |
| SWR_LTR_4873 | Polyvinyl Chloride | 6 | 12.06 | 0.01 | Lateral |
| SWR_LTR_4875 | Polyvinyl Chloride | 6 | 12.12 | 0.01 | Lateral |
| SWR_LTR_4877 | Polyvinyl Chloride | 6 | 13.96 | 0.02 | Lateral |
| SWR_LTR_4878 | Polyvinyl Chloride | 6 | 11.60 | 0.01 | Lateral |
| SWR_LTR_4879 | Polyvinyl Chloride | 6 | 11.81 | 0.01 | Lateral |
| SWR_LTR_4881 | Polyvinyl Chloride | 6 | 12.00 | 0.01 | Lateral |
| SWR_LTR_4882 | Polyvinyl Chloride | 6 | 12.15 | 0.01 | Lateral |
| SWR_LTR_4883 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_4884 | Polyvinyl Chloride | 6 | 11.76 | 0.01 | Lateral |
| SWR_LTR_4885 | Polyvinyl Chloride | 6 | 7.31 | 0.01 | Lateral |
| SWR_LTR_5317 | Polyvinyl Chloride | 6 | 22.94 | 0.03 | Lateral |
| SWR_LTR_5319 | Polyvinyl Chloride | 6 | 27.85 | 0.03 | Lateral |
| SWR_LTR_5321 | Polyvinyl Chloride | 6 | 23.56 | 0.03 | Lateral |
| SWR_LTR_5354 | Polyvinyl Chloride | 6 | 82.64 | 0.09 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6184 | Polyvinyl Chloride | 6 | 18.19 | 0.02 | Lateral |
| SWR_LTR_6185 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_6186 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_6187 | Polyvinyl Chloride | 6 | 18.21 | 0.02 | Lateral |
| SWR_LTR_6189 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_6191 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_6193 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_6194 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_6195 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_6196 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_6197 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_6199 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_6201 | Polyvinyl Chloride | 6 | 13.22 | 0.02 | Lateral |
| SWR_LTR_6203 | Polyvinyl Chloride | 6 | 8.23 | 0.01 | Lateral |
| SWR_LTR_6205 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_6207 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_6209 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_6211 | Polyvinyl Chloride | 6 | 13.24 | 0.02 | Lateral |
| SWR_LTR_6213 | Polyvinyl Chloride | 6 | 13.83 | 0.02 | Lateral |
| SWR_LTR_6215 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_6217 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_6219 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_6221 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_6222 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_6223 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_6225 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_6227 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_6229 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_6230 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_6232 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_6234 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_6236 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_6238 | Polyvinyl Chloride | 6 | 12.19 | 0.01 | Lateral |
| SWR_LTR_6240 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_6242 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_6244 | Polyvinyl Chloride | 6 | 12.21 | 0.01 | Lateral |
| SWR_LTR_6246 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_6248 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_6844 | Polyvinyl Chloride | 6 | 9.35 | 0.01 | Lateral |
| SWR_LTR_6846 | Polyvinyl Chloride | 6 | 7.92 | 0.01 | Lateral |
| SWR_LTR_6848 | Polyvinyl Chloride | 6 | 25.98 | 0.03 | Lateral |
| SWR_LTR_6850 | Polyvinyl Chloride | 6 | 25.93 | 0.03 | Lateral |
| SWR_LTR_7977 | Polyvinyl Chloride | 6 | 8.12 | 0.01 | Lateral |
| SWR_LTR_7978 | Polyvinyl Chloride | 6 | 9.13 | 0.01 | Lateral |
| SWR_LTR_8092 | Polyvinyl Chloride | 6 | 50.20 | 0.06 | Lateral |
| SWR_LTR_8093 | Polyvinyl Chloride | 6 | 43.22 | 0.05 | Lateral |
| SWR_LTR_8094 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_8099 | Polyvinyl Chloride | 6 | 54.53 | 0.06 | Lateral |
| SWR_LTR_8100 | Polyvinyl Chloride | 6 | 54.28 | 0.06 | Lateral |
| SWR_LTR_8101 | Polyvinyl Chloride | 6 | 26.18 | 0.03 | Lateral |
| SWR_LTR_8102 | Polyvinyl Chloride | 6 | 25.91 | 0.03 | Lateral |
| SWR_LTR_8103 | Polyvinyl Chloride | 6 | 25.52 | 0.03 | Lateral |
| SWR_LTR_8104 | Polyvinyl Chloride | 6 | 10.61 | 0.01 | Lateral |
| SWR_LTR_8105 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_8106 | Polyvinyl Chloride | 6 | 40.62 | 0.05 | Lateral |
| SWR_LTR_8107 | Polyvinyl Chloride | 6 | 33.06 | 0.04 | Lateral |
| SWR_LTR_8108 | Polyvinyl Chloride | 6 | 32.23 | 0.04 | Lateral |
| SWR_LTR_8109 | Polyvinyl Chloride | 6 | 33.20 | 0.04 | Lateral |
| SWR_LTR_8110 | Polyvinyl Chloride | 6 | 34.08 | 0.04 | Lateral |
| SWR_LTR_8111 | Polyvinyl Chloride | 6 | 31.88 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8112 | Polyvinyl Chloride | 6 | 33.47 | 0.04 | Lateral |
| SWR_LTR_8113 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_8842 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_8844 | Polyvinyl Chloride | 6 | 35.14 | 0.04 | Lateral |
| SWR_LTR_8846 | Polyvinyl Chloride | 6 | 47.48 | 0.05 | Lateral |
| SWR_LTR_8847 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_8848 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_8849 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_8851 | Polyvinyl Chloride | 6 | 31.27 | 0.04 | Lateral |
| SWR_LTR_8853 | Polyvinyl Chloride | 6 | 52.85 | 0.06 | Lateral |
| SWR_LTR_8855 | Polyvinyl Chloride | 6 | 35.57 | 0.04 | Lateral |
| SWR_LTR_8857 | Polyvinyl Chloride | 6 | 2.99 | 0.003 | Lateral |
| SWR_LTR_8858 | Polyvinyl Chloride | 6 | 57.93 | 0.07 | Lateral |
| SWR_LTR_8859 | Polyvinyl Chloride | 6 | 22.28 | 0.03 | Lateral |
| SWR_LTR_8860 | Polyvinyl Chloride | 6 | 26.95 | 0.03 | Lateral |
| SWR_LTR_8861 | Polyvinyl Chloride | 6 | 22.28 | 0.03 | Lateral |
| SWR_LTR_8862 | Polyvinyl Chloride | 6 | 28.40 | 0.03 | Lateral |
| SWR_LTR_8873 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8875 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8877 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_8878 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8879 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_8881 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_8882 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8884 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_8885 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_8887 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_8889 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_8891 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_8893 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8895 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_8897 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8899 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_8901 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_8903 | Polyvinyl Chloride | 6 | 7.20 | 0.01 | Lateral |
| SWR_LTR_8905 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_8907 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_8909 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_8911 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_8913 | Polyvinyl Chloride | 6 | 28.13 | 0.03 | Lateral |
| SWR_LTR_8915 | Polyvinyl Chloride | 6 | 25.62 | 0.03 | Lateral |
| SWR_LTR_8917 | Polyvinyl Chloride | 6 | 13.54 | 0.02 | Lateral |
| SWR_LTR_8918 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_8922 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_8923 | Polyvinyl Chloride | 6 | 24.92 | 0.03 | Lateral |
| SWR_LTR_8924 | Polyvinyl Chloride | 6 | 20.40 | 0.02 | Lateral |
| SWR_LTR_8925 | Polyvinyl Chloride | 6 | 18.09 | 0.02 | Lateral |
| SWR_LTR_8926 | Polyvinyl Chloride | 6 | 46.77 | 0.05 | Lateral |
| SWR_LTR_8927 | Polyvinyl Chloride | 6 | 51.91 | 0.06 | Lateral |
| SWR_LTR_8928 | Polyvinyl Chloride | 6 | 19.82 | 0.02 | Lateral |
| SWR_LTR_8929 | Polyvinyl Chloride | 6 | 20.42 | 0.02 | Lateral |
| SWR_LTR_8930 | Polyvinyl Chloride | 6 | 35.67 | 0.04 | Lateral |
| SWR_LTR_8931 | Polyvinyl Chloride | 6 | 32.12 | 0.04 | Lateral |
| SWR_LTR_8932 | Polyvinyl Chloride | 6 | 32.61 | 0.04 | Lateral |
| SWR_LTR_8933 | Polyvinyl Chloride | 6 | 36.29 | 0.04 | Lateral |
| SWR_LTR_8934 | Polyvinyl Chloride | 6 | 25.85 | 0.03 | Lateral |
| SWR_LTR_8935 | Polyvinyl Chloride | 6 | 38.83 | 0.04 | Lateral |
| SWR_LTR_8936 | Polyvinyl Chloride | 6 | 34.93 | 0.04 | Lateral |
| SWR_LTR_8937 | Polyvinyl Chloride | 6 | 56.75 | 0.06 | Lateral |
| SWR_LTR_8938 | Polyvinyl Chloride | 6 | 41.80 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_8939 | Polyvinyl Chloride | 6 | 29.48 | 0.03 | Lateral |
| SWR_LTR_8940 | Polyvinyl Chloride | 6 | 38.63 | 0.04 | Lateral |
| SWR_LTR_8941 | Polyvinyl Chloride | 6 | 39.84 | 0.05 | Lateral |
| SWR_LTR_8942 | Polyvinyl Chloride | 6 | 35.53 | 0.04 | Lateral |
| SWR_LTR_8943 | Polyvinyl Chloride | 6 | 25.81 | 0.03 | Lateral |
| SWR_LTR_8944 | Polyvinyl Chloride | 6 | 15.40 | 0.02 | Lateral |
| SWR_LTR_8945 | Polyvinyl Chloride | 6 | 40.06 | 0.05 | Lateral |
| SWR_LTR_8946 | Polyvinyl Chloride | 6 | 35.79 | 0.04 | Lateral |
| SWR_LTR_8947 | Polyvinyl Chloride | 6 | 36.38 | 0.04 | Lateral |
| SWR_LTR_8948 | Polyvinyl Chloride | 6 | 35.43 | 0.04 | Lateral |
| SWR_LTR_8949 | Polyvinyl Chloride | 6 | 39.94 | 0.05 | Lateral |
| SWR_LTR_8950 | Polyvinyl Chloride | 6 | 39.97 | 0.05 | Lateral |
| SWR_LTR_8951 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_8952 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_8953 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_8970 | Polyvinyl Chloride | 6 | 16.82 | 0.02 | Lateral |
| SWR_LTR_8971 | Polyvinyl Chloride | 6 | 16.82 | 0.02 | Lateral |
| SWR_LTR_8972 | Polyvinyl Chloride | 6 | 16.85 | 0.02 | Lateral |
| SWR_LTR_8973 | Polyvinyl Chloride | 6 | 24.94 | 0.03 | Lateral |
| SWR_LTR_8975 | Polyvinyl Chloride | 6 | 40.35 | 0.05 | Lateral |
| SWR_LTR_8977 | Polyvinyl Chloride | 6 | 40.39 | 0.05 | Lateral |
| SWR_LTR_8979 | Polyvinyl Chloride | 6 | 40.42 | 0.05 | Lateral |
| SWR_LTR_9017 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_9019 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_9020 | Polyvinyl Chloride | 6 | 44.84 | 0.05 | Lateral |
| SWR_LTR_9022 | Polyvinyl Chloride | 6 | 10.53 | 0.01 | Lateral |
| SWR_LTR_9024 | Polyvinyl Chloride | 6 | 44.78 | 0.05 | Lateral |
| SWR_LTR_9025 | Polyvinyl Chloride | 6 | 44.82 | 0.05 | Lateral |
| SWR_LTR_9026 | Polyvinyl Chloride | 6 | 44.84 | 0.05 | Lateral |
| SWR_LTR_9027 | Polyvinyl Chloride | 6 | 44.84 | 0.05 | Lateral |
| SWR_LTR_9028 | Polyvinyl Chloride | 6 | 10.58 | 0.01 | Lateral |
| SWR_LTR_9030 | Polyvinyl Chloride | 6 | 10.57 | 0.01 | Lateral |
| SWR_LTR_9032 | Polyvinyl Chloride | 6 | 10.56 | 0.01 | Lateral |
| SWR_LTR_9033 | Polyvinyl Chloride | 6 | 10.60 | 0.01 | Lateral |
| SWR_LTR_9034 | Polyvinyl Chloride | 6 | 10.55 | 0.01 | Lateral |
| SWR_LTR_9035 | Polyvinyl Chloride | 6 | 44.86 | 0.05 | Lateral |
| SWR_LTR_9037 | Polyvinyl Chloride | 6 | 10.56 | 0.01 | Lateral |
| SWR_LTR_9054 | Polyvinyl Chloride | 6 | 47.67 | 0.05 | Lateral |
| SWR_LTR_9056 | Polyvinyl Chloride | 6 | 35.01 | 0.04 | Lateral |
| SWR_LTR_9057 | Polyvinyl Chloride | 6 | 35.78 | 0.04 | Lateral |
| SWR_LTR_9058 | Polyvinyl Chloride | 6 | 34.77 | 0.04 | Lateral |
| SWR_LTR_9059 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_9060 | Polyvinyl Chloride | 6 | 17.12 | 0.02 | Lateral |
| SWR_LTR_9061 | Polyvinyl Chloride | 6 | 20.29 | 0.02 | Lateral |
| SWR_LTR_9062 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_9063 | Polyvinyl Chloride | 6 | 14.53 | 0.02 | Lateral |
| SWR_LTR_9064 | Polyvinyl Chloride | 6 | 13.52 | 0.02 | Lateral |
| SWR_LTR_9065 | Polyvinyl Chloride | 6 | 17.90 | 0.02 | Lateral |
| SWR_LTR_9066 | Polyvinyl Chloride | 6 | 15.20 | 0.02 | Lateral |
| SWR_LTR_9067 | Polyvinyl Chloride | 6 | 13.40 | 0.02 | Lateral |
| SWR_LTR_9068 | Polyvinyl Chloride | 6 | 17.04 | 0.02 | Lateral |
| SWR_LTR_9167 | Polyvinyl Chloride | 6 | 18.22 | 0.02 | Lateral |
| SWR_LTR_9168 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_9169 | Polyvinyl Chloride | 6 | 8.17 | 0.01 | Lateral |
| SWR_LTR_9170 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_9171 | Polyvinyl Chloride | 6 | 15.18 | 0.02 | Lateral |
| SWR_LTR_9172 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_9173 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_9175 | Polyvinyl Chloride | 6 | 15.23 | 0.02 | Lateral |
| SWR_LTR_9176 | Polyvinyl Chloride | 6 | 15.59 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9177 | Polyvinyl Chloride | 6 | 15.61 | 0.02 | Lateral |
| SWR_LTR_9178 | Polyvinyl Chloride | 6 | 15.24 | 0.02 | Lateral |
| SWR_LTR_9179 | Polyvinyl Chloride | 6 | 17.99 | 0.02 | Lateral |
| SWR_LTR_9180 | Polyvinyl Chloride | 6 | 9.12 | 0.01 | Lateral |
| SWR_LTR_9181 | Polyvinyl Chloride | 6 | 14.38 | 0.02 | Lateral |
| SWR_LTR_9182 | Polyvinyl Chloride | 6 | 14.32 | 0.02 | Lateral |
| SWR_LTR_9183 | Polyvinyl Chloride | 6 | 15.73 | 0.02 | Lateral |
| SWR_LTR_9184 | Polyvinyl Chloride | 6 | 19.29 | 0.02 | Lateral |
| SWR_LTR_9185 | Polyvinyl Chloride | 6 | 16.13 | 0.02 | Lateral |
| SWR_LTR_9186 | Polyvinyl Chloride | 6 | 8.30 | 0.01 | Lateral |
| SWR_LTR_9187 | Polyvinyl Chloride | 6 | 8.06 | 0.01 | Lateral |
| SWR_LTR_9188 | Polyvinyl Chloride | 6 | 5.05 | 0.01 | Lateral |
| SWR_LTR_9189 | Polyvinyl Chloride | 6 | 35.71 | 0.04 | Lateral |
| SWR_LTR_9190 | Polyvinyl Chloride | 6 | 44.67 | 0.05 | Lateral |
| SWR_LTR_9191 | Polyvinyl Chloride | 6 | 41.88 | 0.05 | Lateral |
| SWR_LTR_9192 | Polyvinyl Chloride | 6 | 37.64 | 0.04 | Lateral |
| SWR_LTR_9202 | Polyvinyl Chloride | 6 | 7.35 | 0.01 | Lateral |
| SWR_LTR_9203 | Polyvinyl Chloride | 6 | 7.37 | 0.01 | Lateral |
| SWR_LTR_9204 | Polyvinyl Chloride | 6 | 9.89 | 0.01 | Lateral |
| SWR_LTR_9205 | Polyvinyl Chloride | 6 | 7.27 | 0.01 | Lateral |
| SWR_LTR_9206 | Polyvinyl Chloride | 6 | 35.14 | 0.04 | Lateral |
| SWR_LTR_9207 | Polyvinyl Chloride | 6 | 35.02 | 0.04 | Lateral |
| SWR_LTR_9208 | Polyvinyl Chloride | 6 | 40.14 | 0.05 | Lateral |
| SWR_LTR_9209 | Polyvinyl Chloride | 6 | 101.24 | 0.12 | Lateral |
| SWR_LTR_9378 | Polyvinyl Chloride | 6 | 17.24 | 0.02 | Lateral |
| SWR_LTR_9379 | Polyvinyl Chloride | 6 | 16.75 | 0.02 | Lateral |
| SWR_LTR_9380 | Polyvinyl Chloride | 6 | 16.57 | 0.02 | Lateral |
| SWR_LTR_9381 | Polyvinyl Chloride | 6 | 40.44 | 0.05 | Lateral |
| SWR_LTR_9382 | Polyvinyl Chloride | 6 | 40.43 | 0.05 | Lateral |
| SWR_LTR_9383 | Polyvinyl Chloride | 6 | 40.54 | 0.05 | Lateral |
| SWR_LTR_9384 | Polyvinyl Chloride | 6 | 41.04 | 0.05 | Lateral |
| SWR_LTR_9385 | Polyvinyl Chloride | 6 | 39.36 | 0.04 | Lateral |
| SWR_LTR_9386 | Polyvinyl Chloride | 6 | 34.56 | 0.04 | Lateral |
| SWR_LTR_9387 | Polyvinyl Chloride | 6 | 34.84 | 0.04 | Lateral |
| SWR_LTR_9388 | Polyvinyl Chloride | 6 | 34.93 | 0.04 | Lateral |
| SWR_LTR_9389 | Polyvinyl Chloride | 6 | 40.66 | 0.05 | Lateral |
| SWR_LTR_9390 | Polyvinyl Chloride | 6 | 16.46 | 0.02 | Lateral |
| SWR_LTR_9391 | Polyvinyl Chloride | 6 | 33.02 | 0.04 | Lateral |
| SWR_LTR_9392 | Polyvinyl Chloride | 6 | 31.60 | 0.04 | Lateral |
| SWR_LTR_9393 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_9403 | Polyvinyl Chloride | 6 | 66.68 | 0.08 | Lateral |
| SWR_LTR_9404 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_9406 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_9407 | Polyvinyl Chloride | 6 | 4.75 | 0.01 | Lateral |
| SWR_LTR_9408 | Polyvinyl Chloride | 6 | 4.80 | 0.01 | Lateral |
| SWR_LTR_9409 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_9410 | Polyvinyl Chloride | 6 | 60.70 | 0.07 | Lateral |
| SWR_LTR_9411 | Polyvinyl Chloride | 6 | 40.90 | 0.05 | Lateral |
| SWR_LTR_9412 | Polyvinyl Chloride | 6 | 25.28 | 0.03 | Lateral |
| SWR_LTR_9413 | Polyvinyl Chloride | 6 | 7.46 | 0.01 | Lateral |
| SWR_LTR_9414 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_9415 | Polyvinyl Chloride | 6 | 62.93 | 0.07 | Lateral |
| SWR_LTR_9416 | Polyvinyl Chloride | 6 | 8.06 | 0.01 | Lateral |
| SWR_LTR_9426 | Polyvinyl Chloride | 6 | 16.08 | 0.02 | Lateral |
| SWR_LTR_9427 | Polyvinyl Chloride | 6 | 10.33 | 0.01 | Lateral |
| SWR_LTR_9428 | Polyvinyl Chloride | 6 | 39.07 | 0.04 | Lateral |
| SWR_LTR_9429 | Polyvinyl Chloride | 6 | 48.07 | 0.05 | Lateral |
| SWR_LTR_9430 | Polyvinyl Chloride | 6 | 40.49 | 0.05 | Lateral |
| SWR_LTR_9431 | Polyvinyl Chloride | 6 | 38.90 | 0.04 | Lateral |
| SWR_LTR_9432 | Polyvinyl Chloride | 6 | 38.03 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28C**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_9433 | Polyvinyl Chloride | 6 | 32.94 | 0.04 | Lateral |
| SWR_LTR_9434 | Polyvinyl Chloride | 6 | 33.59 | 0.04 | Lateral |
| SWR_LTR_9435 | Polyvinyl Chloride | 6 | 42.51 | 0.05 | Lateral |
| SWR_LTR_9436 | Polyvinyl Chloride | 6 | 46.37 | 0.05 | Lateral |
| SWR_LTR_9437 | Polyvinyl Chloride | 6 | 42.20 | 0.05 | Lateral |
| SWR_LTR_9438 | Polyvinyl Chloride | 6 | 49.14 | 0.06 | Lateral |
| SWR_LTR_9439 | Polyvinyl Chloride | 6 | 49.17 | 0.06 | Lateral |
| SWR_LTR_9440 | Polyvinyl Chloride | 6 | 49.20 | 0.06 | Lateral |
| SWR_LTR_9441 | Polyvinyl Chloride | 6 | 26.07 | 0.03 | Lateral |
| SWR_LTR_9442 | Polyvinyl Chloride | 6 | 26.16 | 0.03 | Lateral |
| SWR_LTR_9455 | Polyvinyl Chloride | 6 | 34.98 | 0.04 | Lateral |
| SWR_LTR_9456 | Polyvinyl Chloride | 6 | 52.73 | 0.06 | Lateral |
| SWR_LTR_9457 | Polyvinyl Chloride | 6 | 45.53 | 0.05 | Lateral |
| SWR_LTR_9458 | Polyvinyl Chloride | 6 | 34.86 | 0.04 | Lateral |
| SWR_LTR_9459 | Polyvinyl Chloride | 6 | 34.91 | 0.04 | Lateral |
| SWR_LTR_9460 | Polyvinyl Chloride | 6 | 34.95 | 0.04 | Lateral |
| SWR_LTR_9461 | Polyvinyl Chloride | 6 | 40.66 | 0.05 | Lateral |
| SWR_LTR_9462 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_9522 | Polyvinyl Chloride | 6 | 30.17 | 0.03 | Lateral |
| SWR_LTR_9523 | Polyvinyl Chloride | 6 | 35.95 | 0.04 | Lateral |
| SWR_LTR_9524 | Polyvinyl Chloride | 6 | 30.05 | 0.03 | Lateral |
| SWR_LTR_9525 | Polyvinyl Chloride | 6 | 6.77 | 0.01 | Lateral |
| SWR_LTR_9526 | Polyvinyl Chloride | 6 | 6.77 | 0.01 | Lateral |
| SWR_LTR_9527 | Polyvinyl Chloride | 6 | 6.79 | 0.01 | Lateral |
| SWR_LTR_9528 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_9529 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_9530 | Polyvinyl Chloride | 6 | 40.44 | 0.05 | Lateral |
| SWR_LTR_9531 | Polyvinyl Chloride | 6 | 40.17 | 0.05 | Lateral |
| SWR_LTR_9533 | Polyvinyl Chloride | 6 | 42.10 | 0.05 | Lateral |
| SWR_LTR_9534 | Polyvinyl Chloride | 6 | 33.61 | 0.04 | Lateral |
| SWR_LTR_9535 | Polyvinyl Chloride | 6 | 27.85 | 0.03 | Lateral |
| SWR_LTR_9536 | Polyvinyl Chloride | 6 | 28.13 | 0.03 | Lateral |
| SWR_LTR_9537 | Polyvinyl Chloride | 6 | 31.24 | 0.04 | Lateral |
| SWR_LTR_9538 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_9539 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_9540 | Polyvinyl Chloride | 6 | 30.35 | 0.03 | Lateral |
| SWR_LTR_9541 | Polyvinyl Chloride | 6 | 26.10 | 0.03 | Lateral |
| SWR_LTR_9542 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_9543 | Polyvinyl Chloride | 6 | 47.98 | 0.05 | Lateral |
| SWR_LTR_9544 | Polyvinyl Chloride | 6 | 41.12 | 0.05 | Lateral |
| SWR_LTR_9545 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_9546 | Polyvinyl Chloride | 6 | 31.09 | 0.04 | Lateral |
| SWR_LTR_9574 | Polyvinyl Chloride | 6 | 41.94 | 0.05 | Lateral |
| SWR_LTR_9575 | Polyvinyl Chloride | 6 | 41.58 | 0.05 | Lateral |
| SWR_LTR_9576 | Polyvinyl Chloride | 6 | 6.49 | 0.01 | Lateral |
| SWR_LTR_9577 | Polyvinyl Chloride | 6 | 5.78 | 0.01 | Lateral |
| SWR_LTR_9578 | Polyvinyl Chloride | 6 | 5.53 | 0.01 | Lateral |
| SWR_LTR_9579 | Polyvinyl Chloride | 6 | 6.16 | 0.01 | Lateral |
| SWR_LTR_9580 | Polyvinyl Chloride | 6 | 5.97 | 0.01 | Lateral |
| SWR_LTR_9581 | Polyvinyl Chloride | 6 | 6.36 | 0.01 | Lateral |
| SWR_LTR_9582 | Polyvinyl Chloride | 6 | 9.53 | 0.01 | Lateral |
| SWR_LTR_9583 | Polyvinyl Chloride | 6 | 15.90 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_10 | Concrete (Non-Reinforced) | 12 | 9.38 | 0.02 | Main |
| SWR_GRV_118 | Concrete (Non-Reinforced) | 12 | 67.92 | 0.15 | Main |
| SWR_GRV_119 | Concrete (Non-Reinforced) | 8 | 244.69 | 0.37 | Main |
| SWR_GRV_120 | Concrete (Non-Reinforced) | 15 | 68.26 | 0.19 | Main |
| SWR_GRV_121 | Concrete (Non-Reinforced) | 15 | 18.80 | 0.05 | Main |
| SWR_GRV_122 | Concrete (Non-Reinforced) | 15 | 17.69 | 0.05 | Main |
| SWR_GRV_123 | Concrete (Non-Reinforced) | 15 | 161.83 | 0.46 | Main |
| SWR_GRV_1273 | Concrete (Non-Reinforced) | 12 | 110.98 | 0.25 | Main |
| SWR_GRV_1274 | Concrete (Non-Reinforced) | 12 | 86.01 | 0.20 | Main |
| SWR_GRV_1275 | Concrete (Non-Reinforced) | 12 | 267.57 | 0.61 | Main |
| SWR_GRV_1276 | Concrete (Non-Reinforced) | 12 | 247.81 | 0.56 | Main |
| SWR_GRV_1277 | Concrete (Non-Reinforced) | 12 | 56.24 | 0.13 | Main |
| SWR_GRV_1278 | Concrete (Non-Reinforced) | 12 | 196.50 | 0.45 | Main |
| SWR_GRV_1279 | Concrete (Non-Reinforced) | 12 | 186.71 | 0.42 | Main |
| SWR_GRV_1280 | Concrete (Non-Reinforced) | 30 | 168.41 | 0.96 | Main |
| SWR_GRV_1281 | Concrete (Non-Reinforced) | 15 | 208.69 | 0.59 | Main |
| SWR_GRV_1282 | Concrete (Non-Reinforced) | 8 | 58.44 | 0.09 | Main |
| SWR_GRV_1283 | Concrete (Non-Reinforced) | 12 | 189.20 | 0.43 | Main |
| SWR_GRV_1284 | Concrete (Non-Reinforced) | 8 | 250.25 | 0.38 | Main |
| SWR_GRV_1285 | Concrete (Non-Reinforced) | 12 | 116.02 | 0.26 | Main |
| SWR_GRV_1286 | Concrete (Non-Reinforced) | 12 | 32.41 | 0.07 | Main |
| SWR_GRV_1287 | Concrete (Non-Reinforced) | 10 | 9.90 | 0.02 | Main |
| SWR_GRV_1288 | Concrete (Non-Reinforced) | 12 | 217.43 | 0.49 | Main |
| SWR_GRV_1289 | Concrete (Non-Reinforced) | 8 | 217.12 | 0.33 | Main |
| SWR_GRV_1291 | Concrete (Non-Reinforced) | 8 | 10.68 | 0.02 | Main |
| SWR_GRV_1292 | Concrete (Non-Reinforced) | 8 | 9.16 | 0.01 | Main |
| SWR_GRV_1294 | Concrete (Non-Reinforced) | 12 | 136.41 | 0.31 | Main |
| SWR_GRV_1295 | Concrete (Non-Reinforced) | 12 | 119.96 | 0.27 | Main |
| SWR_GRV_1296 | Concrete (Non-Reinforced) | 8 | 231.50 | 0.35 | Main |
| SWR_GRV_136 | Concrete (Non-Reinforced) | 10 | 155.54 | 0.29 | Main |
| SWR_GRV_137 | Concrete (Non-Reinforced) | 15 | 199.45 | 0.57 | Main |
| SWR_GRV_1384 | Concrete (Non-Reinforced) | 8 | 58.89 | 0.09 | Main |
| SWR_GRV_1385 | Concrete (Non-Reinforced) | 8 | 191.68 | 0.29 | Main |
| SWR_GRV_1412 | Concrete (Non-Reinforced) | 8 | 48.14 | 0.07 | Main |
| SWR_GRV_1413 | Concrete (Non-Reinforced) | 8 | 197.31 | 0.30 | Main |
| SWR_GRV_1414 | Concrete (Non-Reinforced) | 8 | 100.51 | 0.15 | Main |
| SWR_GRV_1458 | Concrete (Non-Reinforced) | 8 | 54.91 | 0.08 | Main |
| SWR_GRV_1497 | Concrete (Non-Reinforced) | 8 | 295.74 | 0.45 | Main |
| SWR_GRV_1499 | Concrete (Non-Reinforced) | 8 | 199.15 | 0.30 | Main |
| SWR_GRV_1500 | Concrete (Non-Reinforced) | 8 | 166.00 | 0.25 | Main |
| SWR_GRV_1501 | Concrete (Non-Reinforced) | 8 | 119.47 | 0.18 | Main |
| SWR_GRV_1510 | Concrete (Non-Reinforced) | 8 | 151.75 | 0.23 | Main |
| SWR_GRV_1511 | Concrete (Non-Reinforced) | 8 | 119.47 | 0.18 | Main |
| SWR_GRV_1512 | Concrete (Non-Reinforced) | 8 | 109.63 | 0.17 | Main |
| SWR_GRV_1513 | Concrete (Non-Reinforced) | 8 | 167.08 | 0.25 | Main |
| SWR_GRV_1514 | Concrete (Non-Reinforced) | 8 | 104.18 | 0.16 | Main |
| SWR_GRV_1515 | Concrete (Non-Reinforced) | 8 | 50.76 | 0.08 | Main |
| SWR_GRV_1516 | Concrete (Non-Reinforced) | 8 | 231.08 | 0.35 | Main |
| SWR_GRV_1517 | Concrete (Non-Reinforced) | 8 | 268.86 | 0.41 | Main |
| SWR_GRV_1518 | Concrete (Non-Reinforced) | 8 | 292.63 | 0.44 | Main |
| SWR_GRV_1519 | Concrete (Non-Reinforced) | 8 | 183.05 | 0.28 | Main |
| SWR_GRV_1520 | Concrete (Non-Reinforced) | 8 | 241.56 | 0.37 | Main |
| SWR_GRV_1524 | Ductile Iron | 8 | 96.38 | 0.15 | Main |
| SWR_GRV_1525 | Ductile Iron | 8 | 212.02 | 0.32 | Main |
| SWR_GRV_1649 | Concrete (Non-Reinforced) | 15 | 47.88 | 0.14 | Main |
| SWR_GRV_1651 | Concrete (Non-Reinforced) | 12 | 127.06 | 0.29 | Main |
| SWR_GRV_1652 | Concrete (Non-Reinforced) | 12 | 115.17 | 0.26 | Main |
| SWR_GRV_1655 | Concrete (Non-Reinforced) | 8 | 29.45 | 0.04 | Main |
| SWR_GRV_1781 | Concrete (Non-Reinforced) | 8 | 32.68 | 0.05 | Main |
| SWR_GRV_1782 | Concrete (Non-Reinforced) | 12 | 32.60 | 0.07 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1783 | Concrete (Non-Reinforced) | 10 | 9.78 | 0.02 | Main |
| SWR_GRV_1784 | Concrete (Non-Reinforced) | 12 | 9.80 | 0.02 | Main |
| SWR_GRV_1785 | Concrete (Non-Reinforced) | 30 | 241.79 | 1.37 | Main |
| SWR_GRV_1786 | Concrete (Non-Reinforced) | 8 | 387.01 | 0.59 | Main |
| SWR_GRV_1787 | Polyvinyl Chloride | 8 | 139.94 | 0.21 | Main |
| SWR_GRV_1788 | Concrete (Non-Reinforced) | 8 | 60.40 | 0.09 | Main |
| SWR_GRV_1789 | Concrete (Non-Reinforced) | 10 | 135.70 | 0.26 | Main |
| SWR_GRV_1830 | Concrete (Non-Reinforced) | 8 | 82.80 | 0.13 | Main |
| SWR_GRV_1837 | Concrete (Non-Reinforced) | 12 | 161.60 | 0.37 | Main |
| SWR_GRV_1838 | Concrete (Non-Reinforced) | 12 | 101.97 | 0.23 | Main |
| SWR_GRV_1839 | Concrete (Non-Reinforced) | 8 | 42.55 | 0.06 | Main |
| SWR_GRV_1876 | Other | 8 | 143.37 | 0.22 | Main |
| SWR_GRV_19170 | Polyvinyl Chloride | 24 | 262.98 | 1.20 | Main |
| SWR_GRV_1945 | Other | 8 | 45.11 | 0.07 | Main |
| SWR_GRV_195 | Polyvinyl Chloride | 8 | 37.70 | 0.06 | Main |
| SWR_GRV_197 | Polyvinyl Chloride | 8 | 67.34 | 0.10 | Main |
| SWR_GRV_198 | Polyvinyl Chloride | 8 | 56.77 | 0.09 | Main |
| SWR_GRV_199 | Polyvinyl Chloride | 10 | 67.89 | 0.13 | Main |
| SWR_GRV_21 | Concrete (Non-Reinforced) | 12 | 343.86 | 0.78 | Main |
| SWR_GRV_2171 | Polyvinyl Chloride | 8 | 89.94 | 0.14 | Main |
| SWR_GRV_2174 | Polyvinyl Chloride | 8 | 78.29 | 0.12 | Main |
| SWR_GRV_2181 | Other | 12 | 26.06 | 0.06 | Main |
| SWR_GRV_2182 | Other | 12 | 53.45 | 0.12 | Main |
| SWR_GRV_2183 | Other | 8 | 68.16 | 0.10 | Main |
| SWR_GRV_2340 | Other | 8 | 62.01 | 0.09 | Main |
| SWR_GRV_2383 | Terra Cotta | 6 | 129.40 | 0.15 | Main |
| SWR_GRV_2440 | Reinforced Concrete | 15 | 150.86 | 0.43 | Main |
| SWR_GRV_2443 | Reinforced Concrete | 15 | 91.64 | 0.26 | Main |
| SWR_GRV_2446 | Reinforced Concrete | 15 | 79.58 | 0.23 | Main |
| SWR_GRV_2460 | Polyvinyl Chloride | 8 | 79.96 | 0.12 | Main |
| SWR_GRV_2462 | Polyvinyl Chloride | 12 | 38.30 | 0.09 | Main |
| SWR_GRV_2464 | Polyvinyl Chloride | 12 | 52.04 | 0.12 | Main |
| SWR_GRV_2466 | Polyvinyl Chloride | 12 | 57.91 | 0.13 | Main |
| SWR_GRV_2469 | Terra Cotta | 8 | 203.00 | 0.31 | Main |
| SWR_GRV_2473 | Vitrified Clay | 8 | 19.91 | 0.03 | Main |
| SWR_GRV_2490 | Polyvinyl Chloride | 30 | 110.02 | 0.63 | Main |
| SWR_GRV_2492 | Polyvinyl Chloride | 30 | 28.23 | 0.16 | Main |
| SWR_GRV_2494 | Terra Cotta | 18 | 5.01 | 0.02 | Main |
| SWR_GRV_2498 | Terra Cotta | 18 | 21.16 | 0.07 | Main |
| SWR_GRV_2503 | Terra Cotta | 18 | 4.78 | 0.02 | Main |
| SWR_GRV_2506 | Polyvinyl Chloride | 8 | 255.38 | 0.39 | Main |
| SWR_GRV_2509 | Polyvinyl Chloride | 8 | 260.28 | 0.39 | Main |
| SWR_GRV_2512 | Polyvinyl Chloride | 6 | 26.08 | 0.03 | Main |
| SWR_GRV_2515 | Polyvinyl Chloride | 8 | 138.45 | 0.21 | Main |
| SWR_GRV_3437 | Polyvinyl Chloride | 8 | 296.00 | 0.45 | Main |
| SWR_GRV_3442 | Polyvinyl Chloride | 8 | 50.72 | 0.08 | Main |
| SWR_GRV_3452 | Concrete (Non-Reinforced) | 15 | 224.21 | 0.64 | Main |
| SWR_GRV_3869 | Polyvinyl Chloride | 8 | 175.69 | 0.27 | Main |
| SWR_GRV_3881 | Polyvinyl Chloride | 8 | 240.20 | 0.36 | Main |
| SWR_GRV_3885 | Polyvinyl Chloride | 30 | 255.15 | 1.45 | Main |
| SWR_GRV_3890 | Other | 8 | 49.87 | 0.08 | Main |
| SWR_GRV_3901 | Other | 10 | 43.10 | 0.08 | Main |
| SWR_GRV_3906 | Polyvinyl Chloride | 8 | 172.68 | 0.26 | Main |
| SWR_GRV_3923 | Polyvinyl Chloride | 12 | 121.74 | 0.28 | Main |
| SWR_GRV_4040 | Polyvinyl Chloride | 10 | 7.70 | 0.01 | Main |
| SWR_GRV_4043 | Terra Cotta | 10 | 337.03 | 0.64 | Main |
| SWR_GRV_4045 | Terra Cotta | 10 | 324.12 | 0.61 | Main |
| SWR_GRV_4048 | Terra Cotta | 8 | 40.52 | 0.06 | Main |
| SWR_GRV_4051 | Terra Cotta | 8 | 192.38 | 0.29 | Main |
| SWR_GRV_4179 | Polyvinyl Chloride | 8 | 194.66 | 0.29 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_4187 | Terra Cotta | 24 | 290.83 | 1.32 | Main |
| SWR_GRV_4313 | Terra Cotta | 8 | 68.92 | 0.10 | Main |
| SWR_GRV_4315 | Polyvinyl Chloride | 8 | 94.06 | 0.14 | Main |
| SWR_GRV_4330 | Polyvinyl Chloride | 12 | 22.01 | 0.05 | Main |
| SWR_GRV_4449 | Polyvinyl Chloride | 12 | 64.06 | 0.15 | Main |
| SWR_GRV_4457 | Polyvinyl Chloride | 12 | 55.02 | 0.13 | Main |
| SWR_GRV_4463 | Polyvinyl Chloride | 12 | 130.99 | 0.30 | Main |
| SWR_GRV_4753 | Terra Cotta | 24 | 54.47 | 0.25 | Main |
| SWR_GRV_4787 | Polyvinyl Chloride | 8 | 137.94 | 0.21 | Main |
| SWR_GRV_4791 | Polyvinyl Chloride | 12 | 134.99 | 0.31 | Main |
| SWR_GRV_4793 | Polyvinyl Chloride | 12 | 93.09 | 0.21 | Main |
| SWR_GRV_526 | Concrete (Non-Reinforced) | 10 | 135.16 | 0.26 | Main |
| SWR_GRV_527 | Concrete (Non-Reinforced) | 10 | 48.54 | 0.09 | Main |
| SWR_GRV_528 | Concrete (Non-Reinforced) | 10 | 160.55 | 0.30 | Main |
| SWR_GRV_529 | Polyvinyl Chloride | 10 | 7.76 | 0.01 | Main |
| SWR_GRV_5984 | Polyvinyl Chloride | 30 | 253.37 | 1.44 | Main |
| SWR_GRV_5986 | Polyvinyl Chloride | 8 | 121.70 | 0.18 | Main |
| SWR_GRV_5988 | Polyvinyl Chloride | 8 | 24.91 | 0.04 | Main |
| SWR_GRV_599 | Concrete (Non-Reinforced) | 12 | 250.23 | 0.57 | Main |
| SWR_GRV_5991 | Polyvinyl Chloride | 8 | 44.33 | 0.07 | Main |
| SWR_GRV_5994 | Vitrified Clay | 12 | 53.01 | 0.12 | Main |
| SWR_GRV_5997 | Polyvinyl Chloride | 8 | 98.70 | 0.15 | Main |
| SWR_GRV_5999 | Polyvinyl Chloride | 8 | 249.95 | 0.38 | Main |
| SWR_GRV_6001 | Polyvinyl Chloride | 8 | 109.64 | 0.17 | Main |
| SWR_GRV_6003 | Polyvinyl Chloride | 8 | 152.79 | 0.23 | Main |
| SWR_GRV_6005 | Polyvinyl Chloride | 30 | 262.30 | 1.49 | Main |
| SWR_GRV_6009 | Polyvinyl Chloride | 8 | 251.13 | 0.38 | Main |
| SWR_GRV_6013 | Polyvinyl Chloride | 8 | 148.87 | 0.23 | Main |
| SWR_GRV_6016 | Polyvinyl Chloride | 30 | 221.85 | 1.26 | Main |
| SWR_GRV_6019 | Polyvinyl Chloride | 30 | 263.67 | 1.50 | Main |
| SWR_GRV_602 | Concrete (Non-Reinforced) | 12 | 223.91 | 0.51 | Main |
| SWR_GRV_6021 | Polyvinyl Chloride | 8 | 114.77 | 0.17 | Main |
| SWR_GRV_6023 | Polyvinyl Chloride | 8 | 30.82 | 0.05 | Main |
| SWR_GRV_6025 | Polyvinyl Chloride | 30 | 254.07 | 1.44 | Main |
| SWR_GRV_6027 | Polyvinyl Chloride | 8 | 18.00 | 0.03 | Main |
| SWR_GRV_6029 | Polyvinyl Chloride | 8 | 255.43 | 0.39 | Main |
| SWR_GRV_603 | Concrete (Non-Reinforced) | 12 | 224.29 | 0.51 | Main |
| SWR_GRV_6035 | Terra Cotta | 12 | 82.07 | 0.19 | Main |
| SWR_GRV_6037 | Terra Cotta | 12 | 131.61 | 0.30 | Main |
| SWR_GRV_6039 | Terra Cotta | 12 | 223.30 | 0.51 | Main |
| SWR_GRV_604 | Concrete (Non-Reinforced) | 12 | 7.71 | 0.02 | Main |
| SWR_GRV_6043 | Polyvinyl Chloride | 8 | 179.11 | 0.27 | Main |
| SWR_GRV_6045 | Concrete (Non-Reinforced) | 15 | 29.97 | 0.09 | Main |
| SWR_GRV_6047 | Polyvinyl Chloride | 12 | 9.98 | 0.02 | Main |
| SWR_GRV_6049 | Polyvinyl Chloride | 12 | 120.22 | 0.27 | Main |
| SWR_GRV_605 | Concrete (Non-Reinforced) | 12 | 249.81 | 0.57 | Main |
| SWR_GRV_6051 | Polyvinyl Chloride | 12 | 157.71 | 0.36 | Main |
| SWR_GRV_6053 | Polyvinyl Chloride | 12 | 67.47 | 0.15 | Main |
| SWR_GRV_6055 | Reinforced Concrete | 15 | 8.31 | 0.02 | Main |
| SWR_GRV_6057 | Reinforced Concrete | 15 | 96.35 | 0.27 | Main |
| SWR_GRV_606 | Concrete (Non-Reinforced) | 12 | 90.03 | 0.20 | Main |
| SWR_GRV_6062 | Polyvinyl Chloride | 8 | 43.50 | 0.07 | Main |
| SWR_GRV_6064 | Polyvinyl Chloride | 8 | 200.98 | 0.30 | Main |
| SWR_GRV_6066 | Polyvinyl Chloride | 8 | 147.96 | 0.22 | Main |
| SWR_GRV_6068 | Polyvinyl Chloride | 10 | 180.47 | 0.34 | Main |
| SWR_GRV_607 | Concrete (Non-Reinforced) | 12 | 159.99 | 0.36 | Main |
| SWR_GRV_6102 | Vitrified Clay | 12 | 9.80 | 0.02 | Main |
| SWR_GRV_6104 | Vitrified Clay | 12 | 239.62 | 0.54 | Main |
| SWR_GRV_6106 | Terra Cotta | 10 | 95.04 | 0.18 | Main |
| SWR_GRV_6108 | Terra Cotta | 8 | 17.14 | 0.03 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_6124 | Polyvinyl Chloride | 8 | 263.39 | 0.40 | Main |
| SWR_GRV_6567 | Terra Cotta | 10 | 9.78 | 0.02 | Main |
| SWR_GRV_667 | Concrete (Non-Reinforced) | 12 | 58.92 | 0.13 | Main |
| SWR_GRV_668 | Concrete (Non-Reinforced) | 8 | 173.64 | 0.26 | Main |
| SWR_GRV_669 | Concrete (Non-Reinforced) | 8 | 240.07 | 0.36 | Main |
| SWR_GRV_670 | Concrete (Non-Reinforced) | 24 | 4.78 | 0.02 | Main |
| SWR_GRV_671 | Concrete (Non-Reinforced) | 24 | 21.48 | 0.10 | Main |
| SWR_GRV_672 | Concrete (Non-Reinforced) | 24 | 5.12 | 0.02 | Main |
| SWR_GRV_673 | Concrete (Non-Reinforced) | 8 | 300.40 | 0.46 | Main |
| SWR_GRV_674 | Concrete (Non-Reinforced) | 10 | 112.59 | 0.21 | Main |
| SWR_GRV_675 | Concrete (Non-Reinforced) | 10 | 14.90 | 0.03 | Main |
| SWR_GRV_6758 | Terra Cotta | 8 | 250.33 | 0.38 | Main |
| SWR_GRV_676 | Concrete (Non-Reinforced) | 10 | 162.43 | 0.31 | Main |
| SWR_GRV_6760 | Terra Cotta | 8 | 194.14 | 0.29 | Main |
| SWR_GRV_7063 | Terra Cotta | 8 | 87.99 | 0.13 | Main |
| SWR_GRV_7160 | Polyvinyl Chloride | 8 | 193.74 | 0.29 | Main |
| SWR_GRV_724 | Concrete (Non-Reinforced) | 12 | 55.14 | 0.13 | Main |
| SWR_GRV_725 | Concrete (Non-Reinforced) | 12 | 187.61 | 0.43 | Main |
| SWR_GRV_726 | Concrete (Non-Reinforced) | 15 | 212.10 | 0.60 | Main |
| SWR_GRV_738 | Concrete (Non-Reinforced) | 8 | 289.94 | 0.44 | Main |
| SWR_GRV_780 | Concrete (Non-Reinforced) | 8 | 99.95 | 0.15 | Main |
| SWR_GRV_8208 | Polyvinyl Chloride | 30 | 307.29 | 1.75 | Main |
| SWR_GRV_8211 | Vitrified Clay | 12 | 33.98 | 0.08 | Main |
| SWR_GRV_8213 | Vitrified Clay | 12 | 297.01 | 0.68 | Main |
| SWR_GRV_8216 | Terra Cotta | 12 | 113.49 | 0.26 | Main |
| SWR_GRV_8218 | Vitrified Clay | 12 | 257.26 | 0.58 | Main |
| SWR_GRV_8220 | Vitrified Clay | 8 | 8.30 | 0.01 | Main |
| SWR_GRV_8222 | Vitrified Clay | 8 | 233.91 | 0.35 | Main |
| SWR_GRV_8224 | Polyvinyl Chloride | 12 | 241.34 | 0.55 | Main |
| SWR_GRV_8228 | Polyvinyl Chloride | 8 | 120.29 | 0.18 | Main |
| SWR_GRV_8677 | Polyvinyl Chloride | 30 | 246.70 | 1.40 | Main |
| SWR_GRV_8679 | Polyvinyl Chloride | 30 | 17.62 | 0.10 | Main |
| SWR_GRV_8684 | Polyvinyl Chloride | 30 | 249.01 | 1.41 | Main |
| SWR_GRV_8686 | Polyvinyl Chloride | 8 | 21.90 | 0.03 | Main |
| SWR_GRV_8688 | Polyvinyl Chloride | 8 | 77.78 | 0.12 | Main |
| SWR_GRV_8692 | Polyvinyl Chloride | 8 | 135.02 | 0.20 | Main |
| SWR_GRV_8694 | Vitrified Clay | 8 | 38.84 | 0.06 | Main |
| SWR_GRV_8733 | Polyvinyl Chloride | 8 | 47.29 | 0.07 | Main |
| SWR_GRV_8735 | Polyvinyl Chloride | 8 | 109.99 | 0.17 | Main |
| SWR_GRV_879 | Concrete (Non-Reinforced) | 12 | 191.41 | 0.44 | Main |
| SWR_GRV_8872 | Other | 8 | 53.73 | 0.08 | Main |
| SWR_GRV_8880 | Polyvinyl Chloride | 6 | 47.99 | 0.05 | Main |
| SWR_GRV_9 | Concrete (Non-Reinforced) | 15 | 175.15 | 0.50 | Main |
| SWR_GRV_941 | Concrete (Non-Reinforced) | 18 | 4.64 | 0.02 | Main |
| SWR_GRV_95 | Concrete (Non-Reinforced) | 15 | 5.59 | 0.02 | Main |
| SWR_GRV_96 | Concrete (Non-Reinforced) | 12 | 247.10 | 0.56 | Main |
| SWR_GRV_966 | Concrete (Non-Reinforced) | 12 | 56.53 | 0.13 | Main |
| SWR_GRV_967 | Concrete (Non-Reinforced) | 12 | 186.50 | 0.42 | Main |
| SWR_LTR_10215 | Polyvinyl Chloride | 6 | 15.98 | 0.02 | Lateral |
| SWR_LTR_10216 | Polyvinyl Chloride | 6 | 16.14 | 0.02 | Lateral |
| SWR_LTR_10217 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_10218 | Polyvinyl Chloride | 6 | 39.63 | 0.05 | Lateral |
| SWR_LTR_10219 | Polyvinyl Chloride | 6 | 39.60 | 0.04 | Lateral |
| SWR_LTR_10220 | Polyvinyl Chloride | 6 | 39.53 | 0.04 | Lateral |
| SWR_LTR_10221 | Polyvinyl Chloride | 6 | 15.77 | 0.02 | Lateral |
| SWR_LTR_10222 | Polyvinyl Chloride | 6 | 15.83 | 0.02 | Lateral |
| SWR_LTR_10223 | Polyvinyl Chloride | 6 | 17.62 | 0.02 | Lateral |
| SWR_LTR_10224 | Polyvinyl Chloride | 6 | 16.11 | 0.02 | Lateral |
| SWR_LTR_10225 | Polyvinyl Chloride | 6 | 16.11 | 0.02 | Lateral |
| SWR_LTR_10226 | Polyvinyl Chloride | 6 | 11.07 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10227 | Polyvinyl Chloride | 6 | 11.07 | 0.01 | Lateral |
| SWR_LTR_10228 | Polyvinyl Chloride | 6 | 44.34 | 0.05 | Lateral |
| SWR_LTR_10229 | Polyvinyl Chloride | 6 | 44.32 | 0.05 | Lateral |
| SWR_LTR_10230 | Polyvinyl Chloride | 6 | 44.34 | 0.05 | Lateral |
| SWR_LTR_10231 | Polyvinyl Chloride | 6 | 39.31 | 0.04 | Lateral |
| SWR_LTR_10232 | Polyvinyl Chloride | 6 | 15.30 | 0.02 | Lateral |
| SWR_LTR_10233 | Polyvinyl Chloride | 6 | 41.04 | 0.05 | Lateral |
| SWR_LTR_10234 | Polyvinyl Chloride | 6 | 46.69 | 0.05 | Lateral |
| SWR_LTR_10235 | Polyvinyl Chloride | 6 | 27.05 | 0.03 | Lateral |
| SWR_LTR_10236 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_10549 | Polyvinyl Chloride | 6 | 21.83 | 0.02 | Lateral |
| SWR_LTR_10550 | Polyvinyl Chloride | 6 | 23.48 | 0.03 | Lateral |
| SWR_LTR_10551 | Polyvinyl Chloride | 6 | 25.37 | 0.03 | Lateral |
| SWR_LTR_10552 | Polyvinyl Chloride | 6 | 26.99 | 0.03 | Lateral |
| SWR_LTR_10553 | Polyvinyl Chloride | 6 | 93.99 | 0.11 | Lateral |
| SWR_LTR_10554 | Polyvinyl Chloride | 6 | 3.04 | 0.003 | Lateral |
| SWR_LTR_10555 | Polyvinyl Chloride | 6 | 4.61 | 0.01 | Lateral |
| SWR_LTR_10556 | Polyvinyl Chloride | 6 | 28.49 | 0.03 | Lateral |
| SWR_LTR_10557 | Polyvinyl Chloride | 6 | 39.05 | 0.04 | Lateral |
| SWR_LTR_10558 | Polyvinyl Chloride | 6 | 48.96 | 0.06 | Lateral |
| SWR_LTR_10559 | Polyvinyl Chloride | 6 | 39.37 | 0.04 | Lateral |
| SWR_LTR_10560 | Polyvinyl Chloride | 6 | 37.42 | 0.04 | Lateral |
| SWR_LTR_10561 | Polyvinyl Chloride | 6 | 9.00 | 0.01 | Lateral |
| SWR_LTR_10562 | Polyvinyl Chloride | 6 | 13.45 | 0.02 | Lateral |
| SWR_LTR_10563 | Polyvinyl Chloride | 6 | 44.76 | 0.05 | Lateral |
| SWR_LTR_10564 | Polyvinyl Chloride | 6 | 49.08 | 0.06 | Lateral |
| SWR_LTR_10565 | Polyvinyl Chloride | 6 | 23.14 | 0.03 | Lateral |
| SWR_LTR_10566 | Polyvinyl Chloride | 6 | 12.13 | 0.01 | Lateral |
| SWR_LTR_10567 | Polyvinyl Chloride | 6 | 8.55 | 0.01 | Lateral |
| SWR_LTR_10568 | Polyvinyl Chloride | 6 | 23.24 | 0.03 | Lateral |
| SWR_LTR_10569 | Polyvinyl Chloride | 6 | 12.74 | 0.01 | Lateral |
| SWR_LTR_10570 | Polyvinyl Chloride | 6 | 41.96 | 0.05 | Lateral |
| SWR_LTR_10571 | Polyvinyl Chloride | 6 | 14.98 | 0.02 | Lateral |
| SWR_LTR_10572 | Polyvinyl Chloride | 6 | 41.18 | 0.05 | Lateral |
| SWR_LTR_10573 | Polyvinyl Chloride | 6 | 40.99 | 0.05 | Lateral |
| SWR_LTR_10574 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_10575 | Polyvinyl Chloride | 6 | 14.44 | 0.02 | Lateral |
| SWR_LTR_10576 | Polyvinyl Chloride | 6 | 9.13 | 0.01 | Lateral |
| SWR_LTR_10577 | Polyvinyl Chloride | 6 | 38.80 | 0.04 | Lateral |
| SWR_LTR_10578 | Polyvinyl Chloride | 6 | 39.32 | 0.04 | Lateral |
| SWR_LTR_10579 | Polyvinyl Chloride | 6 | 53.29 | 0.06 | Lateral |
| SWR_LTR_10635 | Polyvinyl Chloride | 6 | 7.22 | 0.01 | Lateral |
| SWR_LTR_10636 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_10637 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_10638 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_10639 | Polyvinyl Chloride | 6 | 13.99 | 0.02 | Lateral |
| SWR_LTR_10640 | Polyvinyl Chloride | 6 | 18.33 | 0.02 | Lateral |
| SWR_LTR_10641 | Polyvinyl Chloride | 6 | 23.21 | 0.03 | Lateral |
| SWR_LTR_10642 | Polyvinyl Chloride | 6 | 19.29 | 0.02 | Lateral |
| SWR_LTR_10643 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_10644 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_10645 | Polyvinyl Chloride | 6 | 36.59 | 0.04 | Lateral |
| SWR_LTR_10646 | Polyvinyl Chloride | 6 | 32.80 | 0.04 | Lateral |
| SWR_LTR_10647 | Polyvinyl Chloride | 6 | 41.61 | 0.05 | Lateral |
| SWR_LTR_10648 | Polyvinyl Chloride | 6 | 19.05 | 0.02 | Lateral |
| SWR_LTR_1079 | Polyvinyl Chloride | 6 | 28.78 | 0.03 | Lateral |
| SWR_LTR_11075 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_11076 | Polyvinyl Chloride | 6 | 45.19 | 0.05 | Lateral |
| SWR_LTR_11077 | Polyvinyl Chloride | 6 | 45.62 | 0.05 | Lateral |
| SWR_LTR_11078 | Polyvinyl Chloride | 6 | 46.09 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11079 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_11080 | Polyvinyl Chloride | 8 | 40.01 | 0.06 | Lateral |
| SWR_LTR_11081 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_11082 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_11083 | Polyvinyl Chloride | 6 | 40.63 | 0.05 | Lateral |
| SWR_LTR_11084 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_11085 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_11086 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_11087 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_11088 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_11089 | Polyvinyl Chloride | 6 | 113.84 | 0.13 | Lateral |
| SWR_LTR_11090 | Polyvinyl Chloride | 6 | 27.54 | 0.03 | Lateral |
| SWR_LTR_11091 | Polyvinyl Chloride | 6 | 28.47 | 0.03 | Lateral |
| SWR_LTR_11092 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_11093 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_11094 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_11095 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_11096 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_11097 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_11098 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_11244 | Polyvinyl Chloride | 6 | 43.91 | 0.05 | Lateral |
| SWR_LTR_11769 | Polyvinyl Chloride | 6 | 35.33 | 0.04 | Lateral |
| SWR_LTR_11770 | Polyvinyl Chloride | 6 | 3.51 | 0.004 | Lateral |
| SWR_LTR_11771 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_11772 | Polyvinyl Chloride | 6 | 10.30 | 0.01 | Lateral |
| SWR_LTR_11773 | Polyvinyl Chloride | 6 | 9.45 | 0.01 | Lateral |
| SWR_LTR_11774 | Polyvinyl Chloride | 6 | 25.02 | 0.03 | Lateral |
| SWR_LTR_11775 | Polyvinyl Chloride | 8 | 5.99 | 0.01 | Lateral |
| SWR_LTR_11776 | Polyvinyl Chloride | 6 | 9.34 | 0.01 | Lateral |
| SWR_LTR_11777 | Polyvinyl Chloride | 6 | 7.13 | 0.01 | Lateral |
| SWR_LTR_11778 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11779 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11780 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |
| SWR_LTR_11781 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_11782 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_11783 | Polyvinyl Chloride | 6 | 25.16 | 0.03 | Lateral |
| SWR_LTR_11784 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_11785 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_11786 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11787 | Polyvinyl Chloride | 6 | 21.35 | 0.02 | Lateral |
| SWR_LTR_11788 | Polyvinyl Chloride | 6 | 21.03 | 0.02 | Lateral |
| SWR_LTR_11789 | Polyvinyl Chloride | 6 | 21.08 | 0.02 | Lateral |
| SWR_LTR_11790 | Polyvinyl Chloride | 8 | 40.02 | 0.06 | Lateral |
| SWR_LTR_1248 | Cast Iron | 15 | 18.73 | 0.05 | Lateral |
| SWR_LTR_13223 | Terra Cotta | 10 | 10.15 | 0.02 | Lateral |
| SWR_LTR_13694 | Polyvinyl Chloride | 6 | 31.03 | 0.04 | Lateral |
| SWR_LTR_13695 | Polyvinyl Chloride | 6 | 31.02 | 0.04 | Lateral |
| SWR_LTR_13696 | Polyvinyl Chloride | 6 | 31.03 | 0.04 | Lateral |
| SWR_LTR_13697 | Polyvinyl Chloride | 6 | 31.03 | 0.04 | Lateral |
| SWR_LTR_13698 | Polyvinyl Chloride | 6 | 31.02 | 0.04 | Lateral |
| SWR_LTR_13699 | Polyvinyl Chloride | 6 | 31.03 | 0.04 | Lateral |
| SWR_LTR_13700 | Polyvinyl Chloride | 6 | 31.03 | 0.04 | Lateral |
| SWR_LTR_13701 | Polyvinyl Chloride | 6 | 23.65 | 0.03 | Lateral |
| SWR_LTR_13702 | Polyvinyl Chloride | 6 | 24.45 | 0.03 | Lateral |
| SWR_LTR_13703 | Polyvinyl Chloride | 6 | 24.46 | 0.03 | Lateral |
| SWR_LTR_13704 | Polyvinyl Chloride | 6 | 24.46 | 0.03 | Lateral |
| SWR_LTR_13705 | Polyvinyl Chloride | 6 | 24.48 | 0.03 | Lateral |
| SWR_LTR_13706 | Polyvinyl Chloride | 6 | 24.46 | 0.03 | Lateral |
| SWR_LTR_13707 | Polyvinyl Chloride | 6 | 24.46 | 0.03 | Lateral |
| SWR_LTR_13708 | Polyvinyl Chloride | 6 | 21.55 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_13709 | Polyvinyl Chloride | 6 | 17.58 | 0.02 | Lateral |
| SWR_LTR_13710 | Polyvinyl Chloride | 6 | 16.92 | 0.02 | Lateral |
| SWR_LTR_13711 | Polyvinyl Chloride | 6 | 17.01 | 0.02 | Lateral |
| SWR_LTR_13712 | Polyvinyl Chloride | 6 | 17.24 | 0.02 | Lateral |
| SWR_LTR_13713 | Polyvinyl Chloride | 6 | 15.22 | 0.02 | Lateral |
| SWR_LTR_13714 | Polyvinyl Chloride | 6 | 14.02 | 0.02 | Lateral |
| SWR_LTR_13716 | Polyvinyl Chloride | 6 | 14.95 | 0.02 | Lateral |
| SWR_LTR_13717 | Polyvinyl Chloride | 6 | 15.59 | 0.02 | Lateral |
| SWR_LTR_14094 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_14096 | Polyvinyl Chloride | 6 | 23.17 | 0.03 | Lateral |
| SWR_LTR_14112 | Polyvinyl Chloride | 6 | 29.21 | 0.03 | Lateral |
| SWR_LTR_14113 | Polyvinyl Chloride | 6 | 29.61 | 0.03 | Lateral |
| SWR_LTR_14114 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_14116 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_14117 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_14118 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_14119 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_14120 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_14121 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_14216 | Polyvinyl Chloride | 6 | 6.25 | 0.01 | Lateral |
| SWR_LTR_14217 | Polyvinyl Chloride | 8 | 51.86 | 0.08 | Lateral |
| SWR_LTR_14218 | Polyvinyl Chloride | 6 | 45.57 | 0.05 | Lateral |
| SWR_LTR_14219 | Polyvinyl Chloride | 10 | 35.00 | 0.07 | Lateral |
| SWR_LTR_14238 | Polyvinyl Chloride | 6 | 12.50 | 0.01 | Lateral |
| SWR_LTR_14239 | Polyvinyl Chloride | 6 | 12.95 | 0.01 | Lateral |
| SWR_LTR_14240 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_14241 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_14242 | Polyvinyl Chloride | 6 | 31.99 | 0.04 | Lateral |
| SWR_LTR_14243 | Polyvinyl Chloride | 6 | 41.99 | 0.05 | Lateral |
| SWR_LTR_14251 | Polyvinyl Chloride | 8 | 50.41 | 0.08 | Lateral |
| SWR_LTR_14252 | Polyvinyl Chloride | 6 | 55.94 | 0.06 | Lateral |
| SWR_LTR_14253 | Polyvinyl Chloride | 6 | 54.56 | 0.06 | Lateral |
| SWR_LTR_14254 | Polyvinyl Chloride | 6 | 20.58 | 0.02 | Lateral |
| SWR_LTR_14255 | Polyvinyl Chloride | 6 | 20.59 | 0.02 | Lateral |
| SWR_LTR_14256 | Polyvinyl Chloride | 6 | 20.07 | 0.02 | Lateral |
| SWR_LTR_14257 | Polyvinyl Chloride | 6 | 28.23 | 0.03 | Lateral |
| SWR_LTR_14258 | Polyvinyl Chloride | 6 | 28.23 | 0.03 | Lateral |
| SWR_LTR_14259 | Polyvinyl Chloride | 6 | 28.22 | 0.03 | Lateral |
| SWR_LTR_14260 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_14261 | Polyvinyl Chloride | 6 | 24.20 | 0.03 | Lateral |
| SWR_LTR_14262 | Polyvinyl Chloride | 6 | 18.38 | 0.02 | Lateral |
| SWR_LTR_14263 | Polyvinyl Chloride | 6 | 23.73 | 0.03 | Lateral |
| SWR_LTR_14264 | Polyvinyl Chloride | 6 | 26.06 | 0.03 | Lateral |
| SWR_LTR_14265 | Polyvinyl Chloride | 6 | 24.52 | 0.03 | Lateral |
| SWR_LTR_14266 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_14267 | Polyvinyl Chloride | 6 | 23.90 | 0.03 | Lateral |
| SWR_LTR_14268 | Polyvinyl Chloride | 6 | 24.00 | 0.03 | Lateral |
| SWR_LTR_14269 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_14270 | Polyvinyl Chloride | 6 | 21.47 | 0.02 | Lateral |
| SWR_LTR_14271 | Polyvinyl Chloride | 6 | 20.26 | 0.02 | Lateral |
| SWR_LTR_14272 | Polyvinyl Chloride | 6 | 20.08 | 0.02 | Lateral |
| SWR_LTR_14273 | Polyvinyl Chloride | 6 | 18.79 | 0.02 | Lateral |
| SWR_LTR_14274 | Polyvinyl Chloride | 6 | 16.42 | 0.02 | Lateral |
| SWR_LTR_14275 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_14276 | Polyvinyl Chloride | 6 | 4.20 | 0.005 | Lateral |
| SWR_LTR_14277 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_14278 | Polyvinyl Chloride | 6 | 4.23 | 0.005 | Lateral |
| SWR_LTR_14279 | Polyvinyl Chloride | 6 | 2.84 | 0.003 | Lateral |
| SWR_LTR_14280 | Polyvinyl Chloride | 6 | 19.95 | 0.02 | Lateral |
| SWR_LTR_14281 | Polyvinyl Chloride | 6 | 25.98 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14282 | Polyvinyl Chloride | 6 | 29.13 | 0.03 | Lateral |
| SWR_LTR_14283 | Polyvinyl Chloride | 8 | 24.01 | 0.04 | Lateral |
| SWR_LTR_14284 | Polyvinyl Chloride | 6 | 23.19 | 0.03 | Lateral |
| SWR_LTR_14285 | Polyvinyl Chloride | 6 | 17.45 | 0.02 | Lateral |
| SWR_LTR_14286 | Polyvinyl Chloride | 6 | 16.51 | 0.02 | Lateral |
| SWR_LTR_14287 | Polyvinyl Chloride | 6 | 27.19 | 0.03 | Lateral |
| SWR_LTR_14342 | Polyvinyl Chloride | 6 | 34.18 | 0.04 | Lateral |
| SWR_LTR_14975 | Polyvinyl Chloride | 6 | 16.14 | 0.02 | Lateral |
| SWR_LTR_14976 | Polyvinyl Chloride | 6 | 17.70 | 0.02 | Lateral |
| SWR_LTR_14977 | Polyvinyl Chloride | 6 | 54.53 | 0.06 | Lateral |
| SWR_LTR_14978 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_14979 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_1498 | Concrete (Non-Reinforced) | 8 | 58.49 | 0.09 | Lateral |
| SWR_LTR_14980 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14981 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_14982 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_14983 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_14984 | Polyvinyl Chloride | 6 | 20.24 | 0.02 | Lateral |
| SWR_LTR_14985 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_14986 | Polyvinyl Chloride | 8 | 36.14 | 0.05 | Lateral |
| SWR_LTR_14987 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_14988 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_14989 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_14990 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_14991 | Polyvinyl Chloride | 6 | 36.09 | 0.04 | Lateral |
| SWR_LTR_14992 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_14993 | Polyvinyl Chloride | 6 | 35.01 | 0.04 | Lateral |
| SWR_LTR_14994 | Polyvinyl Chloride | 8 | 23.01 | 0.03 | Lateral |
| SWR_LTR_14995 | Polyvinyl Chloride | 6 | 26.64 | 0.03 | Lateral |
| SWR_LTR_14996 | Polyvinyl Chloride | 6 | 34.48 | 0.04 | Lateral |
| SWR_LTR_14997 | Polyvinyl Chloride | 6 | 23.00 | 0.03 | Lateral |
| SWR_LTR_14998 | Polyvinyl Chloride | 6 | 25.36 | 0.03 | Lateral |
| SWR_LTR_14999 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_15000 | Polyvinyl Chloride | 6 | 30.04 | 0.03 | Lateral |
| SWR_LTR_15001 | Polyvinyl Chloride | 6 | 30.02 | 0.03 | Lateral |
| SWR_LTR_15002 | Polyvinyl Chloride | 6 | 30.03 | 0.03 | Lateral |
| SWR_LTR_15003 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_15004 | Polyvinyl Chloride | 6 | 34.21 | 0.04 | Lateral |
| SWR_LTR_15219 | Polyvinyl Chloride | 6 | 17.87 | 0.02 | Lateral |
| SWR_LTR_15220 | Polyvinyl Chloride | 6 | 17.81 | 0.02 | Lateral |
| SWR_LTR_15221 | Polyvinyl Chloride | 6 | 18.04 | 0.02 | Lateral |
| SWR_LTR_15222 | Polyvinyl Chloride | 6 | 19.47 | 0.02 | Lateral |
| SWR_LTR_15223 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_15224 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_15225 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_15226 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_15227 | Polyvinyl Chloride | 6 | 45.00 | 0.05 | Lateral |
| SWR_LTR_15228 | Polyvinyl Chloride | 6 | 44.78 | 0.05 | Lateral |
| SWR_LTR_15229 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_16645 | Polyvinyl Chloride | 6 | 57.28 | 0.07 | Lateral |
| SWR_LTR_17110 | Polyvinyl Chloride | 6 | 54.88 | 0.06 | Lateral |
| SWR_LTR_17111 | Polyvinyl Chloride | 6 | 60.39 | 0.07 | Lateral |
| SWR_LTR_17112 | Polyvinyl Chloride | 6 | 57.00 | 0.06 | Lateral |
| SWR_LTR_17113 | Polyvinyl Chloride | 6 | 30.95 | 0.04 | Lateral |
| SWR_LTR_17114 | Polyvinyl Chloride | 6 | 30.91 | 0.04 | Lateral |
| SWR_LTR_17115 | Polyvinyl Chloride | 6 | 30.95 | 0.04 | Lateral |
| SWR_LTR_17116 | Polyvinyl Chloride | 6 | 20.23 | 0.02 | Lateral |
| SWR_LTR_17117 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_17118 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_17809 | Polyvinyl Chloride | 6 | 37.57 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17810 | Polyvinyl Chloride | 6 | 25.61 | 0.03 | Lateral |
| SWR_LTR_17811 | Polyvinyl Chloride | 6 | 24.90 | 0.03 | Lateral |
| SWR_LTR_17814 | Polyvinyl Chloride | 6 | 29.10 | 0.03 | Lateral |
| SWR_LTR_17816 | Polyvinyl Chloride | 6 | 25.76 | 0.03 | Lateral |
| SWR_LTR_17817 | Polyvinyl Chloride | 6 | 29.87 | 0.03 | Lateral |
| SWR_LTR_17818 | Polyvinyl Chloride | 6 | 39.52 | 0.04 | Lateral |
| SWR_LTR_17819 | Polyvinyl Chloride | 6 | 17.16 | 0.02 | Lateral |
| SWR_LTR_17820 | Polyvinyl Chloride | 6 | 44.81 | 0.05 | Lateral |
| SWR_LTR_17821 | Polyvinyl Chloride | 6 | 18.04 | 0.02 | Lateral |
| SWR_LTR_17822 | Polyvinyl Chloride | 6 | 65.98 | 0.07 | Lateral |
| SWR_LTR_17965 | Polyvinyl Chloride | 8 | 11.15 | 0.02 | Lateral |
| SWR_LTR_17966 | Polyvinyl Chloride | 6 | 38.64 | 0.04 | Lateral |
| SWR_LTR_17967 | Polyvinyl Chloride | 8 | 36.32 | 0.06 | Lateral |
| SWR_LTR_17968 | Polyvinyl Chloride | 6 | 21.33 | 0.02 | Lateral |
| SWR_LTR_17984 | Polyvinyl Chloride | 6 | 27.65 | 0.03 | Lateral |
| SWR_LTR_18459 | Polyvinyl Chloride | 8 | 32.15 | 0.05 | Lateral |
| SWR_LTR_18460 | Polyvinyl Chloride | 6 | 7.36 | 0.01 | Lateral |
| SWR_LTR_18461 | Polyvinyl Chloride | 6 | 7.76 | 0.01 | Lateral |
| SWR_LTR_18462 | Polyvinyl Chloride | 3 | 43.95 | 0.02 | Lateral |
| SWR_LTR_18463 | Polyvinyl Chloride | 4 | 319.57 | 0.24 | Lateral |
| SWR_LTR_18512 | Polyvinyl Chloride | 6 | 56.81 | 0.06 | Lateral |
| SWR_LTR_18513 | Polyvinyl Chloride | 6 | 65.85 | 0.07 | Lateral |
| SWR_LTR_18514 | Polyvinyl Chloride | 6 | 11.08 | 0.01 | Lateral |
| SWR_LTR_18515 | Polyvinyl Chloride | 6 | 4.37 | 0.005 | Lateral |
| SWR_LTR_18535 | Polyvinyl Chloride | 6 | 23.02 | 0.03 | Lateral |
| SWR_LTR_1875 | Polyvinyl Chloride | 6 | 37.27 | 0.04 | Lateral |
| SWR_LTR_1898 | Other | 4 | 16.81 | 0.01 | Lateral |
| SWR_LTR_191 | Polyvinyl Chloride | 6 | 1.78 | 0.002 | Lateral |
| SWR_LTR_192 | Polyvinyl Chloride | 6 | 23.31 | 0.03 | Lateral |
| SWR_LTR_19231 | Polyvinyl Chloride | 6 | 28.26 | 0.03 | Lateral |
| SWR_LTR_193 | Polyvinyl Chloride | 6 | 4.56 | 0.01 | Lateral |
| SWR_LTR_194 | Polyvinyl Chloride | 6 | 22.88 | 0.03 | Lateral |
| SWR_LTR_1946 | Polyvinyl Chloride | 6 | 29.55 | 0.03 | Lateral |
| SWR_LTR_200 | Polyvinyl Chloride | 6 | 2.68 | 0.003 | Lateral |
| SWR_LTR_201 | Polyvinyl Chloride | 6 | 5.68 | 0.01 | Lateral |
| SWR_LTR_202 | Polyvinyl Chloride | 6 | 9.17 | 0.01 | Lateral |
| SWR_LTR_203 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_2088 | Other | 6 | 4.25 | 0.005 | Lateral |
| SWR_LTR_2121 | Concrete (Non-Reinforced) | 8 | 8.52 | 0.01 | Lateral |
| SWR_LTR_2122 | Concrete (Non-Reinforced) | 8 | 9.40 | 0.01 | Lateral |
| SWR_LTR_2123 | Concrete (Non-Reinforced) | 8 | 9.94 | 0.02 | Lateral |
| SWR_LTR_2169 | Polyvinyl Chloride | 6 | 9.38 | 0.01 | Lateral |
| SWR_LTR_2170 | Polyvinyl Chloride | 6 | 35.13 | 0.04 | Lateral |
| SWR_LTR_2172 | Polyvinyl Chloride | 6 | 10.93 | 0.01 | Lateral |
| SWR_LTR_2173 | Polyvinyl Chloride | 6 | 36.65 | 0.04 | Lateral |
| SWR_LTR_2175 | Polyvinyl Chloride | 6 | 1.75 | 0.002 | Lateral |
| SWR_LTR_2176 | Polyvinyl Chloride | 6 | 15.51 | 0.02 | Lateral |
| SWR_LTR_2177 | Polyvinyl Chloride | 6 | 7.38 | 0.01 | Lateral |
| SWR_LTR_2178 | Polyvinyl Chloride | 6 | 1.75 | 0.002 | Lateral |
| SWR_LTR_2179 | Polyvinyl Chloride | 6 | 16.05 | 0.02 | Lateral |
| SWR_LTR_2180 | Polyvinyl Chloride | 6 | 9.77 | 0.01 | Lateral |
| SWR_LTR_2344 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_2345 | Polyvinyl Chloride | 6 | 20.00 | 0.02 | Lateral |
| SWR_LTR_2351 | Polyvinyl Chloride | 6 | 22.70 | 0.03 | Lateral |
| SWR_LTR_2354 | Polyvinyl Chloride | 8 | 14.92 | 0.02 | Lateral |
| SWR_LTR_2417 | Polyvinyl Chloride | 6 | 21.00 | 0.02 | Lateral |
| SWR_LTR_2863 | Polyvinyl Chloride | 6 | 44.97 | 0.05 | Lateral |
| SWR_LTR_4175 | Polyvinyl Chloride | 6 | 26.65 | 0.03 | Lateral |
| SWR_LTR_4177 | Polyvinyl Chloride | 6 | 42.43 | 0.05 | Lateral |
| SWR_LTR_4178 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_4181 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_4183 | Polyvinyl Chloride | 6 | 30.19 | 0.03 | Lateral |
| SWR_LTR_4185 | Polyvinyl Chloride | 6 | 30.19 | 0.03 | Lateral |
| SWR_LTR_4189 | Polyvinyl Chloride | 8 | 25.21 | 0.04 | Lateral |
| SWR_LTR_4191 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_4193 | Polyvinyl Chloride | 6 | 20.54 | 0.02 | Lateral |
| SWR_LTR_4195 | Polyvinyl Chloride | 6 | 22.87 | 0.03 | Lateral |
| SWR_LTR_4197 | Polyvinyl Chloride | 6 | 26.29 | 0.03 | Lateral |
| SWR_LTR_4202 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_4204 | Polyvinyl Chloride | 6 | 30.07 | 0.03 | Lateral |
| SWR_LTR_4213 | Polyvinyl Chloride | 6 | 30.04 | 0.03 | Lateral |
| SWR_LTR_4215 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_4237 | Polyvinyl Chloride | 10 | 45.16 | 0.09 | Lateral |
| SWR_LTR_4240 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_4243 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_4245 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_4248 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_4251 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_4254 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_4257 | Polyvinyl Chloride | 6 | 30.19 | 0.03 | Lateral |
| SWR_LTR_4259 | Polyvinyl Chloride | 6 | 31.70 | 0.04 | Lateral |
| SWR_LTR_4261 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_4264 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_4267 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_4269 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_4272 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_4465 | Polyvinyl Chloride | 6 | 45.23 | 0.05 | Lateral |
| SWR_LTR_4468 | Polyvinyl Chloride | 6 | 25.35 | 0.03 | Lateral |
| SWR_LTR_4471 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_4473 | Polyvinyl Chloride | 6 | 21.24 | 0.02 | Lateral |
| SWR_LTR_4476 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_4503 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_4504 | Polyvinyl Chloride | 6 | 31.19 | 0.04 | Lateral |
| SWR_LTR_4506 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_4508 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_4510 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_4512 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_4514 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_4515 | Polyvinyl Chloride | 6 | 25.26 | 0.03 | Lateral |
| SWR_LTR_4611 | Polyvinyl Chloride | 6 | 45.03 | 0.05 | Lateral |
| SWR_LTR_4699 | Polyvinyl Chloride | 6 | 3.99 | 0.005 | Lateral |
| SWR_LTR_5172 | Polyvinyl Chloride | 6 | 7.48 | 0.01 | Lateral |
| SWR_LTR_5174 | Polyvinyl Chloride | 6 | 7.51 | 0.01 | Lateral |
| SWR_LTR_5176 | Polyvinyl Chloride | 6 | 6.45 | 0.01 | Lateral |
| SWR_LTR_5178 | Polyvinyl Chloride | 6 | 7.51 | 0.01 | Lateral |
| SWR_LTR_5180 | Polyvinyl Chloride | 6 | 4.90 | 0.01 | Lateral |
| SWR_LTR_5182 | Polyvinyl Chloride | 6 | 11.48 | 0.01 | Lateral |
| SWR_LTR_5184 | Polyvinyl Chloride | 6 | 11.34 | 0.01 | Lateral |
| SWR_LTR_5186 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_5188 | Polyvinyl Chloride | 4 | 173.81 | 0.13 | Lateral |
| SWR_LTR_5190 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_5192 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_5194 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_5195 | Polyvinyl Chloride | 6 | 32.13 | 0.04 | Lateral |
| SWR_LTR_5196 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_5197 | Polyvinyl Chloride | 6 | 32.16 | 0.04 | Lateral |
| SWR_LTR_5198 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_5199 | Polyvinyl Chloride | 6 | 7.33 | 0.01 | Lateral |
| SWR_LTR_5200 | Polyvinyl Chloride | 6 | 22.72 | 0.03 | Lateral |
| SWR_LTR_5201 | Polyvinyl Chloride | 6 | 22.71 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_5203 | Polyvinyl Chloride | 6 | 27.71 | 0.03 | Lateral |
| SWR_LTR_5205 | Polyvinyl Chloride | 6 | 27.68 | 0.03 | Lateral |
| SWR_LTR_5206 | Polyvinyl Chloride | 6 | 27.70 | 0.03 | Lateral |
| SWR_LTR_5420 | Polyvinyl Chloride | 6 | 22.78 | 0.03 | Lateral |
| SWR_LTR_5422 | Polyvinyl Chloride | 6 | 19.83 | 0.02 | Lateral |
| SWR_LTR_5424 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_5426 | Polyvinyl Chloride | 6 | 20.15 | 0.02 | Lateral |
| SWR_LTR_5428 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_5430 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_5843 | Polyvinyl Chloride | 6 | 24.73 | 0.03 | Lateral |
| SWR_LTR_5845 | Polyvinyl Chloride | 6 | 24.73 | 0.03 | Lateral |
| SWR_LTR_5847 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_5848 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_5849 | Polyvinyl Chloride | 6 | 26.23 | 0.03 | Lateral |
| SWR_LTR_5850 | Polyvinyl Chloride | 6 | 25.61 | 0.03 | Lateral |
| SWR_LTR_5950 | Polyvinyl Chloride | 10 | 36.21 | 0.07 | Lateral |
| SWR_LTR_5952 | Polyvinyl Chloride | 10 | 40.16 | 0.08 | Lateral |
| SWR_LTR_5954 | Terra Cotta | 10 | 34.03 | 0.06 | Lateral |
| SWR_LTR_6044 | Polyvinyl Chloride | 10 | 21.77 | 0.04 | Lateral |
| SWR_LTR_6076 | Polyvinyl Chloride | 6 | 20.01 | 0.02 | Lateral |
| SWR_LTR_6077 | Polyvinyl Chloride | 6 | 20.42 | 0.02 | Lateral |
| SWR_LTR_6079 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_6081 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_6083 | Polyvinyl Chloride | 6 | 20.25 | 0.02 | Lateral |
| SWR_LTR_6084 | Polyvinyl Chloride | 6 | 20.22 | 0.02 | Lateral |
| SWR_LTR_6086 | Polyvinyl Chloride | 6 | 20.49 | 0.02 | Lateral |
| SWR_LTR_6088 | Polyvinyl Chloride | 6 | 37.99 | 0.04 | Lateral |
| SWR_LTR_6090 | Polyvinyl Chloride | 8 | 39.99 | 0.06 | Lateral |
| SWR_LTR_6092 | Polyvinyl Chloride | 6 | 40.18 | 0.05 | Lateral |
| SWR_LTR_6094 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_6096 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_6097 | Polyvinyl Chloride | 6 | 38.21 | 0.04 | Lateral |
| SWR_LTR_6098 | Polyvinyl Chloride | 6 | 40.22 | 0.05 | Lateral |
| SWR_LTR_6619 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_6620 | Polyvinyl Chloride | 6 | 17.91 | 0.02 | Lateral |
| SWR_LTR_6622 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_6623 | Polyvinyl Chloride | 6 | 39.50 | 0.04 | Lateral |
| SWR_LTR_6625 | Polyvinyl Chloride | 6 | 30.65 | 0.03 | Lateral |
| SWR_LTR_6627 | Polyvinyl Chloride | 6 | 30.64 | 0.03 | Lateral |
| SWR_LTR_6628 | Polyvinyl Chloride | 6 | 45.01 | 0.05 | Lateral |
| SWR_LTR_6779 | Polyvinyl Chloride | 6 | 36.10 | 0.04 | Lateral |
| SWR_LTR_6780 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_LTR_6781 | Polyvinyl Chloride | 6 | 36.29 | 0.04 | Lateral |
| SWR_LTR_6782 | Polyvinyl Chloride | 6 | 36.18 | 0.04 | Lateral |
| SWR_LTR_6783 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_6784 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_6785 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_6786 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_6787 | Polyvinyl Chloride | 6 | 20.19 | 0.02 | Lateral |
| SWR_LTR_6788 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_6799 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_6833 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_6835 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_6837 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_6839 | Polyvinyl Chloride | 6 | 25.41 | 0.03 | Lateral |
| SWR_LTR_6842 | Polyvinyl Chloride | 6 | 45.00 | 0.05 | Lateral |
| SWR_LTR_6891 | Polyvinyl Chloride | 6 | 17.84 | 0.02 | Lateral |
| SWR_LTR_6893 | Polyvinyl Chloride | 6 | 18.59 | 0.02 | Lateral |
| SWR_LTR_7197 | Polyvinyl Chloride | 6 | 11.52 | 0.01 | Lateral |
| SWR_LTR_7199 | Polyvinyl Chloride | 6 | 11.80 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7201 | Polyvinyl Chloride | 6 | 11.48 | 0.01 | Lateral |
| SWR_LTR_7203 | Polyvinyl Chloride | 6 | 11.78 | 0.01 | Lateral |
| SWR_LTR_7205 | Polyvinyl Chloride | 6 | 11.72 | 0.01 | Lateral |
| SWR_LTR_7207 | Polyvinyl Chloride | 6 | 3.12 | 0.004 | Lateral |
| SWR_LTR_7209 | Polyvinyl Chloride | 6 | 19.46 | 0.02 | Lateral |
| SWR_LTR_7211 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_7213 | Polyvinyl Chloride | 6 | 42.00 | 0.05 | Lateral |
| SWR_LTR_7215 | Polyvinyl Chloride | 6 | 32.19 | 0.04 | Lateral |
| SWR_LTR_7217 | Polyvinyl Chloride | 6 | 26.36 | 0.03 | Lateral |
| SWR_LTR_7219 | Polyvinyl Chloride | 6 | 35.86 | 0.04 | Lateral |
| SWR_LTR_7221 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_7223 | Polyvinyl Chloride | 6 | 35.24 | 0.04 | Lateral |
| SWR_LTR_7225 | Polyvinyl Chloride | 6 | 72.19 | 0.08 | Lateral |
| SWR_LTR_7227 | Polyvinyl Chloride | 6 | 145.51 | 0.17 | Lateral |
| SWR_LTR_7229 | Polyvinyl Chloride | 6 | 96.02 | 0.11 | Lateral |
| SWR_LTR_7231 | Polyvinyl Chloride | 6 | 30.35 | 0.03 | Lateral |
| SWR_LTR_7233 | Polyvinyl Chloride | 6 | 39.63 | 0.05 | Lateral |
| SWR_LTR_7235 | Polyvinyl Chloride | 6 | 3.38 | 0.004 | Lateral |
| SWR_LTR_7236 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_7237 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_7239 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_7241 | Polyvinyl Chloride | 6 | 29.86 | 0.03 | Lateral |
| SWR_LTR_7243 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_7245 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_7247 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_7249 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_7251 | Polyvinyl Chloride | 6 | 35.19 | 0.04 | Lateral |
| SWR_LTR_7258 | Polyvinyl Chloride | 6 | 54.52 | 0.06 | Lateral |
| SWR_LTR_7270 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_7272 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_7274 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_7275 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7277 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7278 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_7279 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7280 | Polyvinyl Chloride | 6 | 27.24 | 0.03 | Lateral |
| SWR_LTR_7281 | Polyvinyl Chloride | 6 | 32.83 | 0.04 | Lateral |
| SWR_LTR_7282 | Polyvinyl Chloride | 6 | 15.99 | 0.02 | Lateral |
| SWR_LTR_7284 | Polyvinyl Chloride | 6 | 16.64 | 0.02 | Lateral |
| SWR_LTR_7285 | Polyvinyl Chloride | 6 | 18.90 | 0.02 | Lateral |
| SWR_LTR_7287 | Polyvinyl Chloride | 6 | 15.33 | 0.02 | Lateral |
| SWR_LTR_7288 | Polyvinyl Chloride | 6 | 14.24 | 0.02 | Lateral |
| SWR_LTR_7290 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_7292 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_7294 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_7296 | Polyvinyl Chloride | 6 | 25.18 | 0.03 | Lateral |
| SWR_LTR_7298 | Polyvinyl Chloride | 6 | 25.17 | 0.03 | Lateral |
| SWR_LTR_7300 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7302 | Polyvinyl Chloride | 6 | 30.35 | 0.03 | Lateral |
| SWR_LTR_7303 | Polyvinyl Chloride | 6 | 30.32 | 0.03 | Lateral |
| SWR_LTR_7304 | Polyvinyl Chloride | 6 | 30.13 | 0.03 | Lateral |
| SWR_LTR_7305 | Polyvinyl Chloride | 6 | 30.44 | 0.03 | Lateral |
| SWR_LTR_7307 | Polyvinyl Chloride | 6 | 23.61 | 0.03 | Lateral |
| SWR_LTR_7308 | Polyvinyl Chloride | 6 | 25.14 | 0.03 | Lateral |
| SWR_LTR_7309 | Polyvinyl Chloride | 6 | 25.30 | 0.03 | Lateral |
| SWR_LTR_7310 | Polyvinyl Chloride | 6 | 25.33 | 0.03 | Lateral |
| SWR_LTR_7311 | Polyvinyl Chloride | 6 | 25.03 | 0.03 | Lateral |
| SWR_LTR_7312 | Polyvinyl Chloride | 6 | 25.10 | 0.03 | Lateral |
| SWR_LTR_7313 | Polyvinyl Chloride | 6 | 26.76 | 0.03 | Lateral |
| SWR_LTR_7314 | Polyvinyl Chloride | 6 | 18.40 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7315 | Polyvinyl Chloride | 6 | 17.52 | 0.02 | Lateral |
| SWR_LTR_7316 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_7317 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_7318 | Polyvinyl Chloride | 6 | 40.20 | 0.05 | Lateral |
| SWR_LTR_7319 | Polyvinyl Chloride | 6 | 40.23 | 0.05 | Lateral |
| SWR_LTR_7320 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7321 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7322 | Polyvinyl Chloride | 6 | 30.60 | 0.03 | Lateral |
| SWR_LTR_7323 | Polyvinyl Chloride | 6 | 30.21 | 0.03 | Lateral |
| SWR_LTR_7324 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_7325 | Polyvinyl Chloride | 6 | 30.47 | 0.03 | Lateral |
| SWR_LTR_7326 | Polyvinyl Chloride | 6 | 30.50 | 0.03 | Lateral |
| SWR_LTR_7328 | Polyvinyl Chloride | 6 | 24.97 | 0.03 | Lateral |
| SWR_LTR_7329 | Polyvinyl Chloride | 6 | 24.98 | 0.03 | Lateral |
| SWR_LTR_7330 | Polyvinyl Chloride | 6 | 24.99 | 0.03 | Lateral |
| SWR_LTR_7331 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_7332 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_7333 | Polyvinyl Chloride | 6 | 45.22 | 0.05 | Lateral |
| SWR_LTR_7334 | Polyvinyl Chloride | 6 | 45.64 | 0.05 | Lateral |
| SWR_LTR_7335 | Polyvinyl Chloride | 6 | 25.23 | 0.03 | Lateral |
| SWR_LTR_7336 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7337 | Polyvinyl Chloride | 6 | 25.20 | 0.03 | Lateral |
| SWR_LTR_7339 | Polyvinyl Chloride | 6 | 25.19 | 0.03 | Lateral |
| SWR_LTR_7341 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_7373 | Polyvinyl Chloride | 6 | 46.00 | 0.05 | Lateral |
| SWR_LTR_7375 | Polyvinyl Chloride | 6 | 20.00 | 0.02 | Lateral |
| SWR_LTR_7377 | Polyvinyl Chloride | 6 | 20.18 | 0.02 | Lateral |
| SWR_LTR_7379 | Polyvinyl Chloride | 6 | 20.24 | 0.02 | Lateral |
| SWR_LTR_7381 | Polyvinyl Chloride | 6 | 20.20 | 0.02 | Lateral |
| SWR_LTR_7383 | Polyvinyl Chloride | 6 | 20.21 | 0.02 | Lateral |
| SWR_LTR_7385 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_7387 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_7389 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_7391 | Polyvinyl Chloride | 6 | 45.20 | 0.05 | Lateral |
| SWR_LTR_7410 | Polyvinyl Chloride | 6 | 32.06 | 0.04 | Lateral |
| SWR_LTR_7411 | Polyvinyl Chloride | 6 | 32.20 | 0.04 | Lateral |
| SWR_LTR_7412 | Polyvinyl Chloride | 6 | 32.19 | 0.04 | Lateral |
| SWR_LTR_7413 | Polyvinyl Chloride | 6 | 22.34 | 0.03 | Lateral |
| SWR_LTR_7414 | Polyvinyl Chloride | 6 | 22.34 | 0.03 | Lateral |
| SWR_LTR_7415 | Polyvinyl Chloride | 6 | 22.35 | 0.03 | Lateral |
| SWR_LTR_7418 | Polyvinyl Chloride | 6 | 29.24 | 0.03 | Lateral |
| SWR_LTR_7420 | Polyvinyl Chloride | 6 | 13.19 | 0.01 | Lateral |
| SWR_LTR_7422 | Polyvinyl Chloride | 6 | 13.20 | 0.01 | Lateral |
| SWR_LTR_7424 | Polyvinyl Chloride | 6 | 8.80 | 0.01 | Lateral |
| SWR_LTR_7426 | Polyvinyl Chloride | 6 | 17.21 | 0.02 | Lateral |
| SWR_LTR_7428 | Polyvinyl Chloride | 6 | 15.62 | 0.02 | Lateral |
| SWR_LTR_7430 | Polyvinyl Chloride | 6 | 39.99 | 0.05 | Lateral |
| SWR_LTR_7432 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_7435 | Polyvinyl Chloride | 6 | 45.21 | 0.05 | Lateral |
| SWR_LTR_7436 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_7437 | Polyvinyl Chloride | 6 | 25.22 | 0.03 | Lateral |
| SWR_LTR_7438 | Polyvinyl Chloride | 6 | 25.99 | 0.03 | Lateral |
| SWR_LTR_7441 | Polyvinyl Chloride | 6 | 35.01 | 0.04 | Lateral |
| SWR_LTR_7442 | Polyvinyl Chloride | 6 | 35.02 | 0.04 | Lateral |
| SWR_LTR_7443 | Polyvinyl Chloride | 6 | 28.99 | 0.03 | Lateral |
| SWR_LTR_7445 | Polyvinyl Chloride | 6 | 60.49 | 0.07 | Lateral |
| SWR_LTR_7447 | Polyvinyl Chloride | 6 | 24.99 | 0.03 | Lateral |
| SWR_LTR_7449 | Polyvinyl Chloride | 6 | 31.21 | 0.04 | Lateral |
| SWR_LTR_7451 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_7452 | Polyvinyl Chloride | 6 | 31.20 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 28D**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_7453 | Polyvinyl Chloride | 6 | 31.23 | 0.04 | Lateral |
| SWR_LTR_7454 | Polyvinyl Chloride | 6 | 31.24 | 0.04 | Lateral |
| SWR_LTR_7455 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_7522 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_7524 | Polyvinyl Chloride | 6 | 33.19 | 0.04 | Lateral |
| SWR_LTR_7526 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_7527 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_7529 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_7530 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_7532 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_7533 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7535 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_7537 | Polyvinyl Chloride | 6 | 25.21 | 0.03 | Lateral |
| SWR_LTR_7539 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_7540 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_8919 | Polyvinyl Chloride | 6 | 31.88 | 0.04 | Lateral |
| SWR_LTR_8920 | Polyvinyl Chloride | 6 | 16.54 | 0.02 | Lateral |
| SWR_LTR_9532 | Polyvinyl Chloride | 6 | 58.12 | 0.07 | Lateral |
| SWR_SPH_4756 | Unknown | 12 | 193.06 | 0.44 | Siphon |
| SWR_SPH_4758 | Unknown | 12 | 193.21 | 0.44 | Siphon |
| SWR_SPH_7257 | Cast Iron | 16 | 192.41 | 0.58 | Siphon |
| SWR_SPH_7259 | Cast Iron | 16 | 192.63 | 0.58 | Siphon |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 29**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1290 | Concrete (Non-Reinforced) | 12 | 88.42 | 0.20 | Main |
| SWR_GRV_1415 | Concrete (Non-Reinforced) | 12 | 39.99 | 0.09 | Main |
| SWR_GRV_1719 | Concrete (Non-Reinforced) | 8 | 273.76 | 0.41 | Main |
| SWR_GRV_1720 | Concrete (Non-Reinforced) | 8 | 271.66 | 0.41 | Main |
| SWR_GRV_1721 | Concrete (Non-Reinforced) | 8 | 61.09 | 0.09 | Main |
| SWR_GRV_1722 | Concrete (Non-Reinforced) | 8 | 136.94 | 0.21 | Main |
| SWR_GRV_1723 | Concrete (Non-Reinforced) | 8 | 49.48 | 0.07 | Main |
| SWR_GRV_1724 | Concrete (Non-Reinforced) | 8 | 246.84 | 0.37 | Main |
| SWR_GRV_1725 | Concrete (Non-Reinforced) | 8 | 156.73 | 0.24 | Main |
| SWR_GRV_1726 | Concrete (Non-Reinforced) | 8 | 17.28 | 0.03 | Main |
| SWR_GRV_1794 | Concrete (Non-Reinforced) | 8 | 8.69 | 0.01 | Main |
| SWR_GRV_1795 | Concrete (Non-Reinforced) | 8 | 2.65 | 0.004 | Main |
| SWR_GRV_1796 | Concrete (Non-Reinforced) | 8 | 8.71 | 0.01 | Main |
| SWR_GRV_1797 | Concrete (Non-Reinforced) | 8 | 3.20 | 0.005 | Main |
| SWR_GRV_1798 | Concrete (Non-Reinforced) | 8 | 10.43 | 0.02 | Main |
| SWR_GRV_1799 | Concrete (Non-Reinforced) | 8 | 20.23 | 0.03 | Main |
| SWR_GRV_1800 | Concrete (Non-Reinforced) | 8 | 33.93 | 0.05 | Main |
| SWR_GRV_1801 | Concrete (Non-Reinforced) | 8 | 16.94 | 0.03 | Main |
| SWR_GRV_1802 | Concrete (Non-Reinforced) | 8 | 16.55 | 0.03 | Main |
| SWR_GRV_1803 | Concrete (Non-Reinforced) | 8 | 11.64 | 0.02 | Main |
| SWR_GRV_1804 | Concrete (Non-Reinforced) | 8 | 12.07 | 0.02 | Main |
| SWR_GRV_1805 | Concrete (Non-Reinforced) | 8 | 18.96 | 0.03 | Main |
| SWR_GRV_1806 | Concrete (Non-Reinforced) | 8 | 16.58 | 0.03 | Main |
| SWR_GRV_1819 | Concrete (Non-Reinforced) | 8 | 27.30 | 0.04 | Main |
| SWR_GRV_18722 | Polyvinyl Chloride | 8 | 121.91 | 0.18 | Main |
| SWR_GRV_18820 | Polyvinyl Chloride | 8 | 61.60 | 0.09 | Main |
| SWR_GRV_2346 | Polyvinyl Chloride | 12 | 123.20 | 0.28 | Main |
| SWR_GRV_4035 | Polyvinyl Chloride | 12 | 61.19 | 0.14 | Main |
| SWR_GRV_4332 | Polyvinyl Chloride | 12 | 48.95 | 0.11 | Main |
| SWR_GRV_4334 | Polyvinyl Chloride | 8 | 48.79 | 0.07 | Main |
| SWR_GRV_4337 | Polyvinyl Chloride | 12 | 154.80 | 0.35 | Main |
| SWR_GRV_4339 | Polyvinyl Chloride | 12 | 88.84 | 0.20 | Main |
| SWR_GRV_4341 | Polyvinyl Chloride | 12 | 164.56 | 0.37 | Main |
| SWR_GRV_4343 | Polyvinyl Chloride | 12 | 84.72 | 0.19 | Main |
| SWR_GRV_4347 | Polyvinyl Chloride | 12 | 42.78 | 0.10 | Main |
| SWR_GRV_4363 | Polyvinyl Chloride | 12 | 4.60 | 0.01 | Main |
| SWR_GRV_4366 | Polyvinyl Chloride | 12 | 61.36 | 0.14 | Main |
| SWR_GRV_4369 | Polyvinyl Chloride | 12 | 24.99 | 0.06 | Main |
| SWR_GRV_4372 | Polyvinyl Chloride | 12 | 190.24 | 0.43 | Main |
| SWR_GRV_4375 | Polyvinyl Chloride | 12 | 222.32 | 0.51 | Main |
| SWR_GRV_4380 | Polyvinyl Chloride | 12 | 253.00 | 0.57 | Main |
| SWR_GRV_4382 | Polyvinyl Chloride | 12 | 42.06 | 0.10 | Main |
| SWR_GRV_4384 | Polyvinyl Chloride | 15 | 81.13 | 0.23 | Main |
| SWR_GRV_4387 | Polyvinyl Chloride | 15 | 107.23 | 0.30 | Main |
| SWR_GRV_4389 | Terra Cotta | 8 | 88.34 | 0.13 | Main |
| SWR_GRV_4391 | Terra Cotta | 8 | 440.98 | 0.67 | Main |
| SWR_GRV_5148 | Terra Cotta | 8 | 29.10 | 0.04 | Main |
| SWR_GRV_5167 | Terra Cotta | 8 | 24.33 | 0.04 | Main |
| SWR_GRV_5169 | Terra Cotta | 18 | 26.02 | 0.09 | Main |
| SWR_GRV_567 | Concrete (Non-Reinforced) | 12 | 14.81 | 0.03 | Main |
| SWR_GRV_5736 | Terra Cotta | 8 | 222.59 | 0.34 | Main |
| SWR_GRV_5738 | Terra Cotta | 8 | 44.43 | 0.07 | Main |
| SWR_GRV_5740 | Terra Cotta | 8 | 28.22 | 0.04 | Main |
| SWR_GRV_5743 | Terra Cotta | 8 | 138.82 | 0.21 | Main |
| SWR_GRV_5745 | Terra Cotta | 8 | 151.28 | 0.23 | Main |
| SWR_GRV_5747 | Terra Cotta | 8 | 298.75 | 0.45 | Main |
| SWR_GRV_5749 | Terra Cotta | 8 | 300.03 | 0.45 | Main |
| SWR_GRV_5751 | Terra Cotta | 8 | 300.84 | 0.46 | Main |
| SWR_GRV_5753 | Terra Cotta | 8 | 297.40 | 0.45 | Main |
| SWR_GRV_5755 | Terra Cotta | 8 | 300.45 | 0.46 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 29**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_5758 | Terra Cotta | 8 | 299.99 | 0.45 | Main |
| SWR_GRV_5760 | Terra Cotta | 8 | 317.02 | 0.48 | Main |
| SWR_GRV_631 | Concrete (Non-Reinforced) | 12 | 252.94 | 0.57 | Main |
| SWR_GRV_6804 | Vitrified Clay | 18 | 34.51 | 0.12 | Main |
| SWR_GRV_755 | Concrete (Non-Reinforced) | 12 | 248.96 | 0.57 | Main |
| SWR_GRV_756 | Concrete (Non-Reinforced) | 12 | 208.70 | 0.47 | Main |
| SWR_GRV_764 | Concrete (Non-Reinforced) | 8 | 58.12 | 0.09 | Main |
| SWR_GRV_8427 | Terra Cotta | 8 | 80.98 | 0.12 | Main |
| SWR_GRV_8429 | Terra Cotta | 8 | 218.91 | 0.33 | Main |
| SWR_GRV_8431 | Vitrified Clay | 24 | 45.66 | 0.21 | Main |
| SWR_GRV_8433 | Terra Cotta | 24 | 69.58 | 0.32 | Main |
| SWR_GRV_8435 | Vitrified Clay | 24 | 98.03 | 0.45 | Main |
| SWR_GRV_8437 | Vitrified Clay | 18 | 46.24 | 0.16 | Main |
| SWR_GRV_8439 | Terra Cotta | 8 | 275.18 | 0.42 | Main |
| SWR_GRV_8441 | Terra Cotta | 8 | 296.50 | 0.45 | Main |
| SWR_GRV_8736 | Polyvinyl Chloride | 8 | 17.45 | 0.03 | Main |
| SWR_GRV_8738 | Polyvinyl Chloride | 8 | 18.88 | 0.03 | Main |
| SWR_GRV_8740 | Polyvinyl Chloride | 8 | 69.73 | 0.11 | Main |
| SWR_GRV_8742 | Polyvinyl Chloride | 8 | 61.67 | 0.09 | Main |
| SWR_GRV_8744 | Polyvinyl Chloride | 8 | 31.37 | 0.05 | Main |
| SWR_GRV_8746 | Polyvinyl Chloride | 8 | 85.47 | 0.13 | Main |
| SWR_GRV_8753 | Polyvinyl Chloride | 8 | 147.50 | 0.22 | Main |
| SWR_GRV_8755 | Polyvinyl Chloride | 8 | 68.57 | 0.10 | Main |
| SWR_GRV_8757 | Polyvinyl Chloride | 8 | 113.13 | 0.17 | Main |
| SWR_GRV_8761 | Polyvinyl Chloride | 8 | 104.68 | 0.16 | Main |
| SWR_GRV_8764 | Polyvinyl Chloride | 8 | 34.12 | 0.05 | Main |
| SWR_GRV_8774 | Polyvinyl Chloride | 8 | 11.30 | 0.02 | Main |
| SWR_GRV_8776 | Polyvinyl Chloride | 8 | 11.22 | 0.02 | Main |
| SWR_GRV_8778 | Polyvinyl Chloride | 8 | 10.12 | 0.02 | Main |
| SWR_GRV_8780 | Polyvinyl Chloride | 8 | 97.03 | 0.15 | Main |
| SWR_GRV_8784 | Polyvinyl Chloride | 8 | 92.45 | 0.14 | Main |
| SWR_GRV_8786 | Polyvinyl Chloride | 8 | 75.09 | 0.11 | Main |
| SWR_GRV_8788 | Polyvinyl Chloride | 8 | 174.99 | 0.27 | Main |
| SWR_GRV_8790 | Polyvinyl Chloride | 8 | 30.81 | 0.05 | Main |
| SWR_GRV_8792 | Polyvinyl Chloride | 8 | 79.19 | 0.12 | Main |
| SWR_GRV_8794 | Polyvinyl Chloride | 8 | 80.85 | 0.12 | Main |
| SWR_GRV_8796 | Polyvinyl Chloride | 8 | 110.53 | 0.17 | Main |
| SWR_GRV_8832 | Polyvinyl Chloride | 12 | 50.72 | 0.12 | Main |
| SWR_GRV_8834 | Polyvinyl Chloride | 12 | 124.55 | 0.28 | Main |
| SWR_GRV_8841 | Polyvinyl Chloride | 12 | 84.28 | 0.19 | Main |
| SWR_GRV_8850 | Polyvinyl Chloride | 8 | 141.38 | 0.21 | Main |
| SWR_GRV_968 | Concrete (Non-Reinforced) | 12 | 224.89 | 0.51 | Main |
| SWR_GRV_969 | Concrete (Non-Reinforced) | 12 | 151.72 | 0.34 | Main |
| SWR_LTR_10189 | Polyvinyl Chloride | 8 | 26.85 | 0.04 | Lateral |
| SWR_LTR_13218 | Polyvinyl Chloride | 6 | 30.00 | 0.03 | Lateral |
| SWR_LTR_13576 | Polyvinyl Chloride | 6 | 21.93 | 0.02 | Lateral |
| SWR_LTR_13577 | Polyvinyl Chloride | 6 | 26.96 | 0.03 | Lateral |
| SWR_LTR_13578 | Polyvinyl Chloride | 6 | 26.96 | 0.03 | Lateral |
| SWR_LTR_13579 | Polyvinyl Chloride | 6 | 51.13 | 0.06 | Lateral |
| SWR_LTR_13580 | Polyvinyl Chloride | 6 | 50.05 | 0.06 | Lateral |
| SWR_LTR_13581 | Polyvinyl Chloride | 6 | 49.14 | 0.06 | Lateral |
| SWR_LTR_13605 | Polyvinyl Chloride | 6 | 30.23 | 0.03 | Lateral |
| SWR_LTR_13632 | Polyvinyl Chloride | 6 | 32.23 | 0.04 | Lateral |
| SWR_LTR_13633 | Polyvinyl Chloride | 6 | 32.32 | 0.04 | Lateral |
| SWR_LTR_14090 | Polyvinyl Chloride | 6 | 12.59 | 0.01 | Lateral |
| SWR_LTR_14091 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_14099 | Terra Cotta | 8 | 36.29 | 0.05 | Lateral |
| SWR_LTR_14100 | Polyvinyl Chloride | 6 | 37.70 | 0.04 | Lateral |
| SWR_LTR_14101 | Polyvinyl Chloride | 6 | 28.21 | 0.03 | Lateral |
| SWR_LTR_14102 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 29**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_14103 | Polyvinyl Chloride | 6 | 37.40 | 0.04 | Lateral |
| SWR_LTR_14104 | Polyvinyl Chloride | 6 | 38.00 | 0.04 | Lateral |
| SWR_LTR_14105 | Polyvinyl Chloride | 6 | 41.44 | 0.05 | Lateral |
| SWR_LTR_14106 | Polyvinyl Chloride | 6 | 37.80 | 0.04 | Lateral |
| SWR_LTR_14107 | Polyvinyl Chloride | 6 | 40.29 | 0.05 | Lateral |
| SWR_LTR_14146 | Polyvinyl Chloride | 6 | 7.99 | 0.01 | Lateral |
| SWR_LTR_14147 | Polyvinyl Chloride | 6 | 5.02 | 0.01 | Lateral |
| SWR_LTR_14148 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_14149 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14150 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_14151 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_14152 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14153 | Polyvinyl Chloride | 6 | 5.21 | 0.01 | Lateral |
| SWR_LTR_14154 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14155 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_14561 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_14562 | Polyvinyl Chloride | 6 | 8.04 | 0.01 | Lateral |
| SWR_LTR_14802 | Polyvinyl Chloride | 6 | 31.31 | 0.04 | Lateral |
| SWR_LTR_14803 | Polyvinyl Chloride | 6 | 34.51 | 0.04 | Lateral |
| SWR_LTR_14804 | Polyvinyl Chloride | 6 | 26.72 | 0.03 | Lateral |
| SWR_LTR_14805 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_14806 | Polyvinyl Chloride | 6 | 26.73 | 0.03 | Lateral |
| SWR_LTR_14807 | Polyvinyl Chloride | 6 | 26.01 | 0.03 | Lateral |
| SWR_LTR_14925 | Polyvinyl Chloride | 8 | 36.03 | 0.05 | Lateral |
| SWR_LTR_15080 | Polyvinyl Chloride | 6 | 8.15 | 0.01 | Lateral |
| SWR_LTR_15606 | Polyvinyl Chloride | 6 | 8.08 | 0.01 | Lateral |
| SWR_LTR_15607 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_15608 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_15609 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_15610 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_15611 | Polyvinyl Chloride | 6 | 5.20 | 0.01 | Lateral |
| SWR_LTR_15612 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_15613 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_15614 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_15615 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_15616 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_15617 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_16171 | Polyvinyl Chloride | 6 | 5.02 | 0.01 | Lateral |
| SWR_LTR_16172 | Polyvinyl Chloride | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_16173 | Polyvinyl Chloride | 6 | 5.19 | 0.01 | Lateral |
| SWR_LTR_16174 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_16175 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_16176 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_16228 | Polyvinyl Chloride | 6 | 33.44 | 0.04 | Lateral |
| SWR_LTR_16229 | Polyvinyl Chloride | 6 | 30.72 | 0.03 | Lateral |
| SWR_LTR_16230 | Polyvinyl Chloride | 6 | 37.92 | 0.04 | Lateral |
| SWR_LTR_16231 | Polyvinyl Chloride | 6 | 27.44 | 0.03 | Lateral |
| SWR_LTR_16232 | Polyvinyl Chloride | 6 | 27.39 | 0.03 | Lateral |
| SWR_LTR_16233 | Polyvinyl Chloride | 6 | 29.33 | 0.03 | Lateral |
| SWR_LTR_16329 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_16330 | Polyvinyl Chloride | 6 | 7.99 | 0.01 | Lateral |
| SWR_LTR_16331 | Polyvinyl Chloride | 6 | 4.99 | 0.01 | Lateral |
| SWR_LTR_16332 | Polyvinyl Chloride | 6 | 7.99 | 0.01 | Lateral |
| SWR_LTR_16355 | Polyvinyl Chloride | 6 | 5.60 | 0.01 | Lateral |
| SWR_LTR_16356 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_16357 | Polyvinyl Chloride | 6 | 8.19 | 0.01 | Lateral |
| SWR_LTR_16358 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_16359 | Polyvinyl Chloride | 6 | 5.22 | 0.01 | Lateral |
| SWR_LTR_16360 | Polyvinyl Chloride | 6 | 8.22 | 0.01 | Lateral |
| SWR_LTR_16511 | Polyvinyl Chloride | 6 | 63.38 | 0.07 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 29**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_16522 | Polyvinyl Chloride | 6 | 26.06 | 0.03 | Lateral |
| SWR_LTR_16523 | Polyvinyl Chloride | 6 | 51.41 | 0.06 | Lateral |
| SWR_LTR_16817 | Polyvinyl Chloride | 6 | 4.19 | 0.005 | Lateral |
| SWR_LTR_16818 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_16819 | Polyvinyl Chloride | 6 | 4.18 | 0.005 | Lateral |
| SWR_LTR_16820 | Polyvinyl Chloride | 6 | 48.30 | 0.05 | Lateral |
| SWR_LTR_16821 | Polyvinyl Chloride | 6 | 56.61 | 0.06 | Lateral |
| SWR_LTR_18049 | Polyvinyl Chloride | 8 | 37.22 | 0.06 | Lateral |
| SWR_LTR_18481 | Polyvinyl Chloride | 8 | 11.09 | 0.02 | Lateral |
| SWR_LTR_18482 | Polyvinyl Chloride | 8 | 11.76 | 0.02 | Lateral |
| SWR_LTR_18483 | Polyvinyl Chloride | 8 | 20.02 | 0.03 | Lateral |
| SWR_LTR_18484 | Polyvinyl Chloride | 8 | 43.28 | 0.07 | Lateral |
| SWR_LTR_18485 | Polyvinyl Chloride | 8 | 20.36 | 0.03 | Lateral |
| SWR_LTR_18486 | Polyvinyl Chloride | 8 | 19.81 | 0.03 | Lateral |
| SWR_LTR_18487 | Polyvinyl Chloride | 8 | 26.29 | 0.04 | Lateral |
| SWR_LTR_18488 | Polyvinyl Chloride | 8 | 37.65 | 0.06 | Lateral |
| SWR_LTR_18489 | Polyvinyl Chloride | 8 | 11.26 | 0.02 | Lateral |
| SWR_LTR_18492 | Polyvinyl Chloride | 8 | 11.01 | 0.02 | Lateral |
| SWR_LTR_18493 | Polyvinyl Chloride | 8 | 11.43 | 0.02 | Lateral |
| SWR_LTR_18494 | Polyvinyl Chloride | 8 | 10.34 | 0.02 | Lateral |
| SWR_LTR_18495 | Polyvinyl Chloride | 8 | 11.07 | 0.02 | Lateral |
| SWR_LTR_18496 | Polyvinyl Chloride | 8 | 10.56 | 0.02 | Lateral |
| SWR_LTR_18497 | Polyvinyl Chloride | 8 | 10.23 | 0.02 | Lateral |
| SWR_LTR_18498 | Polyvinyl Chloride | 8 | 10.13 | 0.02 | Lateral |
| SWR_LTR_18499 | Polyvinyl Chloride | 8 | 11.94 | 0.02 | Lateral |
| SWR_LTR_18500 | Polyvinyl Chloride | 8 | 43.13 | 0.07 | Lateral |
| SWR_LTR_18501 | Polyvinyl Chloride | 8 | 20.38 | 0.03 | Lateral |
| SWR_LTR_18502 | Polyvinyl Chloride | 8 | 12.22 | 0.02 | Lateral |
| SWR_LTR_18503 | Polyvinyl Chloride | 8 | 11.98 | 0.02 | Lateral |
| SWR_LTR_18504 | Polyvinyl Chloride | 8 | 20.89 | 0.03 | Lateral |
| SWR_LTR_18505 | Polyvinyl Chloride | 8 | 21.09 | 0.03 | Lateral |
| SWR_LTR_18506 | Polyvinyl Chloride | 8 | 20.40 | 0.03 | Lateral |
| SWR_LTR_18507 | Polyvinyl Chloride | 8 | 12.65 | 0.02 | Lateral |
| SWR_LTR_18508 | Polyvinyl Chloride | 8 | 24.77 | 0.04 | Lateral |
| SWR_LTR_18509 | Polyvinyl Chloride | 8 | 17.12 | 0.03 | Lateral |
| SWR_LTR_18510 | Polyvinyl Chloride | 8 | 36.73 | 0.06 | Lateral |
| SWR_LTR_18511 | Polyvinyl Chloride | 8 | 73.58 | 0.11 | Lateral |
| SWR_LTR_18516 | Polyvinyl Chloride | 8 | 3.94 | 0.01 | Lateral |
| SWR_LTR_18517 | Polyvinyl Chloride | 6 | 43.37 | 0.05 | Lateral |
| SWR_LTR_18518 | Polyvinyl Chloride | 6 | 74.66 | 0.08 | Lateral |
| SWR_LTR_18519 | Polyvinyl Chloride | 6 | 10.82 | 0.01 | Lateral |
| SWR_LTR_18520 | Polyvinyl Chloride | 6 | 11.62 | 0.01 | Lateral |
| SWR_LTR_18521 | Polyvinyl Chloride | 8 | 30.79 | 0.05 | Lateral |
| SWR_LTR_18523 | Polyvinyl Chloride | 8 | 7.26 | 0.01 | Lateral |
| SWR_LTR_18524 | Polyvinyl Chloride | 8 | 8.80 | 0.01 | Lateral |
| SWR_LTR_18525 | Polyvinyl Chloride | 8 | 177.36 | 0.27 | Lateral |
| SWR_LTR_18526 | Polyvinyl Chloride | 8 | 13.27 | 0.02 | Lateral |
| SWR_LTR_18528 | Polyvinyl Chloride | 8 | 6.39 | 0.01 | Lateral |
| SWR_LTR_18529 | Polyvinyl Chloride | 8 | 104.21 | 0.16 | Lateral |
| SWR_LTR_18530 | Polyvinyl Chloride | 8 | 8.81 | 0.01 | Lateral |
| SWR_LTR_18531 | Polyvinyl Chloride | 8 | 2.19 | 0.003 | Lateral |
| SWR_LTR_18887 | Polyvinyl Chloride | 6 | 9.81 | 0.01 | Lateral |
| SWR_LTR_18888 | Polyvinyl Chloride | 8 | 22.76 | 0.03 | Lateral |
| SWR_LTR_19158 | Unknown | 6 | 11.09 | 0.01 | Lateral |
| SWR_LTR_19159 | Unknown | 6 | 8.91 | 0.01 | Lateral |
| SWR_LTR_19160 | Unknown | 6 | 9.45 | 0.01 | Lateral |
| SWR_LTR_19161 | Unknown | 6 | 22.82 | 0.03 | Lateral |
| SWR_LTR_2419 | Polyvinyl Chloride | 8 | 19.50 | 0.03 | Lateral |
| SWR_LTR_3050 | Polyvinyl Chloride | 6 | 5.60 | 0.01 | Lateral |
| SWR_LTR_3390 | Polyvinyl Chloride | 6 | 34.68 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 29**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_3392 | Polyvinyl Chloride | 6 | 34.43 | 0.04 | Lateral |
| SWR_LTR_3395 | Polyvinyl Chloride | 6 | 36.95 | 0.04 | Lateral |
| SWR_LTR_3396 | Polyvinyl Chloride | 6 | 36.34 | 0.04 | Lateral |
| SWR_LTR_3399 | Polyvinyl Chloride | 6 | 35.26 | 0.04 | Lateral |
| SWR_LTR_3402 | Polyvinyl Chloride | 6 | 38.02 | 0.04 | Lateral |
| SWR_LTR_3403 | Polyvinyl Chloride | 6 | 39.99 | 0.05 | Lateral |
| SWR_LTR_3405 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_3406 | Polyvinyl Chloride | 6 | 4.22 | 0.005 | Lateral |
| SWR_LTR_3408 | Polyvinyl Chloride | 6 | 4.21 | 0.005 | Lateral |
| SWR_LTR_4497 | Polyvinyl Chloride | 6 | 49.04 | 0.06 | Lateral |
| SWR_LTR_4499 | Polyvinyl Chloride | 6 | 51.06 | 0.06 | Lateral |
| SWR_LTR_4501 | Polyvinyl Chloride | 6 | 21.93 | 0.02 | Lateral |
| SWR_LTR_4768 | Polyvinyl Chloride | 6 | 26.93 | 0.03 | Lateral |
| SWR_LTR_5168 | Polyvinyl Chloride | 6 | 9.20 | 0.01 | Lateral |
| SWR_LTR_5170 | Polyvinyl Chloride | 6 | 38.23 | 0.04 | Lateral |
| SWR_LTR_5624 | Polyvinyl Chloride | 6 | 23.50 | 0.03 | Lateral |
| SWR_LTR_5626 | Polyvinyl Chloride | 6 | 48.04 | 0.05 | Lateral |
| SWR_LTR_5628 | Polyvinyl Chloride | 6 | 27.92 | 0.03 | Lateral |
| SWR_LTR_5630 | Polyvinyl Chloride | 6 | 25.06 | 0.03 | Lateral |
| SWR_LTR_5866 | Polyvinyl Chloride | 6 | 30.20 | 0.03 | Lateral |
| SWR_LTR_5867 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_5868 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_5869 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_5870 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_5871 | Polyvinyl Chloride | 6 | 30.19 | 0.03 | Lateral |
| SWR_LTR_5872 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_5873 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_5874 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_5875 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_5876 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_5971 | Polyvinyl Chloride | 6 | 35.60 | 0.04 | Lateral |
| SWR_LTR_6006 | Polyvinyl Chloride | 6 | 30.39 | 0.03 | Lateral |
| SWR_LTR_6007 | Polyvinyl Chloride | 6 | 48.06 | 0.05 | Lateral |
| SWR_LTR_6008 | Polyvinyl Chloride | 6 | 48.07 | 0.05 | Lateral |
| SWR_LTR_6010 | Polyvinyl Chloride | 6 | 48.06 | 0.05 | Lateral |
| SWR_LTR_6011 | Polyvinyl Chloride | 6 | 48.05 | 0.05 | Lateral |
| SWR_LTR_6012 | Polyvinyl Chloride | 6 | 21.96 | 0.02 | Lateral |
| SWR_LTR_6014 | Polyvinyl Chloride | 6 | 48.05 | 0.05 | Lateral |
| SWR_LTR_6015 | Polyvinyl Chloride | 6 | 48.06 | 0.05 | Lateral |
| SWR_LTR_6017 | Polyvinyl Chloride | 6 | 21.95 | 0.02 | Lateral |
| SWR_LTR_6018 | Polyvinyl Chloride | 6 | 21.92 | 0.02 | Lateral |
| SWR_LTR_6020 | Polyvinyl Chloride | 6 | 22.05 | 0.03 | Lateral |
| SWR_LTR_6022 | Polyvinyl Chloride | 6 | 49.26 | 0.06 | Lateral |
| SWR_LTR_6024 | Polyvinyl Chloride | 6 | 49.07 | 0.06 | Lateral |
| SWR_LTR_6026 | Polyvinyl Chloride | 6 | 27.03 | 0.03 | Lateral |
| SWR_LTR_6028 | Polyvinyl Chloride | 6 | 26.44 | 0.03 | Lateral |
| SWR_LTR_6030 | Polyvinyl Chloride | 6 | 80.02 | 0.09 | Lateral |
| SWR_LTR_6364 | Polyvinyl Chloride | 6 | 49.04 | 0.06 | Lateral |
| SWR_LTR_6365 | Polyvinyl Chloride | 6 | 49.10 | 0.06 | Lateral |
| SWR_LTR_6366 | Polyvinyl Chloride | 6 | 49.04 | 0.06 | Lateral |
| SWR_LTR_6367 | Polyvinyl Chloride | 6 | 49.10 | 0.06 | Lateral |
| SWR_LTR_6368 | Polyvinyl Chloride | 6 | 26.95 | 0.03 | Lateral |
| SWR_LTR_6370 | Polyvinyl Chloride | 6 | 26.97 | 0.03 | Lateral |
| SWR_LTR_6372 | Polyvinyl Chloride | 6 | 27.01 | 0.03 | Lateral |
| SWR_LTR_6374 | Polyvinyl Chloride | 6 | 49.05 | 0.06 | Lateral |
| SWR_LTR_6789 | Polyvinyl Chloride | 6 | 26.99 | 0.03 | Lateral |
| SWR_LTR_6790 | Polyvinyl Chloride | 6 | 49.05 | 0.06 | Lateral |
| SWR_LTR_6791 | Polyvinyl Chloride | 6 | 26.94 | 0.03 | Lateral |
| SWR_LTR_6792 | Polyvinyl Chloride | 6 | 26.94 | 0.03 | Lateral |
| SWR_LTR_6793 | Polyvinyl Chloride | 6 | 48.06 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 29**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_6794 | Polyvinyl Chloride | 6 | 48.11 | 0.05 | Lateral |
| SWR_LTR_6795 | Polyvinyl Chloride | 6 | 84.06 | 0.10 | Lateral |
| SWR_LTR_6796 | Polyvinyl Chloride | 6 | 63.94 | 0.07 | Lateral |
| SWR_LTR_6797 | Polyvinyl Chloride | 6 | 52.21 | 0.06 | Lateral |
| SWR_LTR_6798 | Polyvinyl Chloride | 6 | 53.00 | 0.06 | Lateral |
| SWR_LTR_6895 | Polyvinyl Chloride | 6 | 32.60 | 0.04 | Lateral |
| SWR_LTR_6896 | Polyvinyl Chloride | 6 | 30.18 | 0.03 | Lateral |
| SWR_LTR_6897 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_6898 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_6899 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_6900 | Polyvinyl Chloride | 6 | 50.25 | 0.06 | Lateral |
| SWR_LTR_6901 | Polyvinyl Chloride | 6 | 59.20 | 0.07 | Lateral |
| SWR_LTR_6903 | Polyvinyl Chloride | 6 | 62.19 | 0.07 | Lateral |
| SWR_LTR_6904 | Polyvinyl Chloride | 6 | 35.20 | 0.04 | Lateral |
| SWR_LTR_6905 | Polyvinyl Chloride | 6 | 30.22 | 0.03 | Lateral |
| SWR_LTR_6906 | Polyvinyl Chloride | 6 | 30.00 | 0.03 | Lateral |
| SWR_LTR_6907 | Polyvinyl Chloride | 6 | 35.18 | 0.04 | Lateral |
| SWR_LTR_6908 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_6909 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_6910 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_6911 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_6912 | Polyvinyl Chloride | 6 | 30.24 | 0.03 | Lateral |
| SWR_LTR_6930 | Polyvinyl Chloride | 6 | 32.92 | 0.04 | Lateral |
| SWR_LTR_6931 | Polyvinyl Chloride | 6 | 28.19 | 0.03 | Lateral |
| SWR_LTR_7150 | Polyvinyl Chloride | 6 | 26.93 | 0.03 | Lateral |
| SWR_LTR_7253 | Polyvinyl Chloride | 6 | 32.54 | 0.04 | Lateral |
| SWR_LTR_7256 | Polyvinyl Chloride | 6 | 53.24 | 0.06 | Lateral |
| SWR_LTR_7362 | Polyvinyl Chloride | 6 | 41.17 | 0.05 | Lateral |
| SWR_LTR_7371 | Polyvinyl Chloride | 6 | 38.18 | 0.04 | Lateral |
| SWR_LTR_7393 | Polyvinyl Chloride | 6 | 43.17 | 0.05 | Lateral |
| SWR_LTR_7395 | Polyvinyl Chloride | 6 | 33.40 | 0.04 | Lateral |
| SWR_LTR_7397 | Polyvinyl Chloride | 6 | 33.21 | 0.04 | Lateral |
| SWR_LTR_7399 | Polyvinyl Chloride | 6 | 34.36 | 0.04 | Lateral |
| SWR_LTR_7402 | Polyvinyl Chloride | 6 | 39.02 | 0.04 | Lateral |
| SWR_LTR_7404 | Polyvinyl Chloride | 6 | 40.16 | 0.05 | Lateral |
| SWR_LTR_7406 | Polyvinyl Chloride | 6 | 38.56 | 0.04 | Lateral |
| SWR_LTR_7407 | Polyvinyl Chloride | 6 | 7.94 | 0.01 | Lateral |
| SWR_LTR_7408 | Polyvinyl Chloride | 6 | 39.89 | 0.05 | Lateral |
| SWR_LTR_7409 | Polyvinyl Chloride | 6 | 38.42 | 0.04 | Lateral |
| SWR_LTR_7542 | Polyvinyl Chloride | 6 | 27.57 | 0.03 | Lateral |
| SWR_LTR_7544 | Polyvinyl Chloride | 6 | 25.26 | 0.03 | Lateral |
| SWR_LTR_7547 | Polyvinyl Chloride | 8 | 54.23 | 0.08 | Lateral |
| SWR_LTR_7549 | Polyvinyl Chloride | 6 | 35.22 | 0.04 | Lateral |
| SWR_LTR_7551 | Polyvinyl Chloride | 6 | 36.20 | 0.04 | Lateral |
| SWR_LTR_7553 | Polyvinyl Chloride | 6 | 36.19 | 0.04 | Lateral |
| SWR_SPH_1192 | Other | 8 | 334.44 | 0.51 | Siphon |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1342 | Ductile Iron | 8 | 163.92 | 0.248 | Main |
| SWR_GRV_1369 | Reinforced Concrete | 8 | 102.86 | 0.16 | Main |
| SWR_GRV_1554 | Polyvinyl Chloride | 18 | 183.97 | 0.63 | Main |
| SWR_GRV_1562 | Concrete (Non-Reinforced) | 8 | 42.36 | 0.06 | Main |
| SWR_GRV_1563 | Concrete (Non-Reinforced) | 8 | 39.78 | 0.06 | Main |
| SWR_GRV_1568 | Polyvinyl Chloride | 8 | 8.31 | 0.01 | Main |
| SWR_GRV_1570 | Concrete (Non-Reinforced) | 8 | 257.97 | 0.39 | Main |
| SWR_GRV_1571 | Concrete (Non-Reinforced) | 8 | 175.15 | 0.27 | Main |
| SWR_GRV_1572 | Concrete (Non-Reinforced) | 8 | 173.87 | 0.26 | Main |
| SWR_GRV_1793 | Concrete (Non-Reinforced) | 12 | 42.52 | 0.10 | Main |
| SWR_GRV_1820 | Polyvinyl Chloride | 8 | 101.17 | 0.15 | Main |
| SWR_GRV_1824 | Ductile Iron | 8 | 124.20 | 0.19 | Main |
| SWR_GRV_1825 | Concrete (Non-Reinforced) | 8 | 223.16 | 0.34 | Main |
| SWR_GRV_2364 | Vitrified Clay | 8 | 184.68 | 0.28 | Main |
| SWR_GRV_2365 | Polyvinyl Chloride | 24 | 238.83 | 1.09 | Main |
| SWR_GRV_2379 | Terra Cotta | 8 | 83.64 | 0.13 | Main |
| SWR_GRV_3761 | Vitrified Clay | 8 | 94.21 | 0.14 | Main |
| SWR_GRV_3893 | Other | 24 | 34.11 | 0.16 | Main |
| SWR_GRV_3896 | Other | 24 | 31.87 | 0.14 | Main |
| SWR_GRV_4225 | Polyvinyl Chloride | 8 | 198.43 | 0.30 | Main |
| SWR_GRV_4227 | Terra Cotta | 10 | 369.73 | 0.70 | Main |
| SWR_GRV_4229 | Terra Cotta | 8 | 452.60 | 0.69 | Main |
| SWR_GRV_4231 | Terra Cotta | 8 | 186.97 | 0.28 | Main |
| SWR_GRV_4233 | Terra Cotta | 8 | 175.88 | 0.27 | Main |
| SWR_GRV_4235 | Terra Cotta | 8 | 404.27 | 0.61 | Main |
| SWR_GRV_4236 | Terra Cotta | 8 | 180.16 | 0.27 | Main |
| SWR_GRV_4238 | Terra Cotta | 10 | 222.74 | 0.42 | Main |
| SWR_GRV_4241 | Terra Cotta | 10 | 6.80 | 0.01 | Main |
| SWR_GRV_4246 | Terra Cotta | 12 | 146.53 | 0.33 | Main |
| SWR_GRV_4249 | Polyvinyl Chloride | 12 | 230.00 | 0.52 | Main |
| SWR_GRV_4252 | Terra Cotta | 8 | 432.78 | 0.66 | Main |
| SWR_GRV_588 | Ductile Iron | 8 | 119.79 | 0.18 | Main |
| SWR_GRV_589 | Ductile Iron | 8 | 26.36 | 0.04 | Main |
| SWR_GRV_596 | Ductile Iron | 8 | 129.53 | 0.20 | Main |
| SWR_GRV_6233 | Terra Cotta | 10 | 45.22 | 0.09 | Main |
| SWR_GRV_6235 | Terra Cotta | 10 | 184.95 | 0.35 | Main |
| SWR_GRV_6237 | Terra Cotta | 10 | 209.42 | 0.40 | Main |
| SWR_GRV_6239 | Terra Cotta | 12 | 172.09 | 0.39 | Main |
| SWR_GRV_6241 | Terra Cotta | 8 | 278.49 | 0.42 | Main |
| SWR_GRV_6401 | Vitrified Clay | 8 | 174.27 | 0.26 | Main |
| SWR_GRV_6403 | Vitrified Clay | 8 | 161.50 | 0.24 | Main |
| SWR_GRV_6407 | Vitrified Clay | 8 | 100.74 | 0.15 | Main |
| SWR_GRV_6409 | Vitrified Clay | 8 | 229.77 | 0.35 | Main |
| SWR_GRV_6491 | Polyvinyl Chloride | 24 | 40.81 | 0.19 | Main |
| SWR_GRV_6493 | Polyvinyl Chloride | 12 | 153.40 | 0.35 | Main |
| SWR_GRV_6498 | Polyvinyl Chloride | 12 | 10.98 | 0.02 | Main |
| SWR_GRV_6588 | Polyvinyl Chloride | 24 | 196.61 | 0.89 | Main |
| SWR_GRV_6590 | Polyvinyl Chloride | 8 | 120.25 | 0.18 | Main |
| SWR_GRV_6592 | Polyvinyl Chloride | 8 | 140.50 | 0.21 | Main |
| SWR_GRV_686 | Concrete (Non-Reinforced) | 12 | 137.36 | 0.31 | Main |
| SWR_GRV_7366 | Polyvinyl Chloride | 18 | 189.72 | 0.65 | Main |
| SWR_GRV_7368 | Polyvinyl Chloride | 12 | 38.37 | 0.09 | Main |
| SWR_GRV_7370 | Polyvinyl Chloride | 12 | 55.04 | 0.13 | Main |
| SWR_GRV_7372 | Polyvinyl Chloride | 18 | 183.84 | 0.63 | Main |
| SWR_GRV_7374 | Polyvinyl Chloride | 18 | 128.81 | 0.44 | Main |
| SWR_GRV_7376 | Polyvinyl Chloride | 18 | 199.07 | 0.68 | Main |
| SWR_GRV_7378 | Polyvinyl Chloride | 18 | 47.51 | 0.16 | Main |
| SWR_GRV_7380 | Polyvinyl Chloride | 15 | 44.59 | 0.13 | Main |
| SWR_GRV_7382 | Polyvinyl Chloride | 15 | 70.20 | 0.20 | Main |
| SWR_GRV_7384 | Polyvinyl Chloride | 15 | 61.07 | 0.17 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7386 | Polyvinyl Chloride | 12 | 19.50 | 0.04 | Main |
| SWR_GRV_7390 | Polyvinyl Chloride | 12 | 237.91 | 0.54 | Main |
| SWR_GRV_7392 | Polyvinyl Chloride | 6 | 25.43 | 0.03 | Main |
| SWR_GRV_7394 | Polyvinyl Chloride | 24 | 310.78 | 1.41 | Main |
| SWR_GRV_7396 | Polyvinyl Chloride | 24 | 175.32 | 0.80 | Main |
| SWR_GRV_7398 | Polyvinyl Chloride | 24 | 108.21 | 0.49 | Main |
| SWR_GRV_7400 | Terra Cotta | 8 | 272.19 | 0.41 | Main |
| SWR_GRV_7401 | Terra Cotta | 8 | 237.46 | 0.36 | Main |
| SWR_GRV_7403 | Terra Cotta | 10 | 278.91 | 0.53 | Main |
| SWR_GRV_7405 | Terra Cotta | 8 | 199.27 | 0.30 | Main |
| SWR_GRV_7460 | Terra Cotta | 8 | 225.40 | 0.34 | Main |
| SWR_GRV_7462 | Terra Cotta | 8 | 158.19 | 0.24 | Main |
| SWR_GRV_7478 | Terra Cotta | 8 | 229.77 | 0.35 | Main |
| SWR_GRV_7482 | Terra Cotta | 10 | 181.29 | 0.34 | Main |
| SWR_GRV_7498 | Terra Cotta | 12 | 25.97 | 0.06 | Main |
| SWR_GRV_7521 | Polyvinyl Chloride | 12 | 228.71 | 0.52 | Main |
| SWR_GRV_7525 | Terra Cotta | 10 | 57.68 | 0.11 | Main |
| SWR_GRV_7534 | Polyvinyl Chloride | 24 | 0.56 | 0.003 | Main |
| SWR_GRV_84 | Polyvinyl Chloride | 4 | 211.65 | 0.16 | Main |
| SWR_GRV_8543 | Terra Cotta | 12 | 25.71 | 0.06 | Main |
| SWR_GRV_8544 | Polyvinyl Chloride | 24 | 36.35 | 0.17 | Main |
| SWR_GRV_8545 | Polyvinyl Chloride | 24 | 14.31 | 0.07 | Main |
| SWR_GRV_8546 | Polyvinyl Chloride | 24 | 57.22 | 0.26 | Main |
| SWR_GRV_8547 | Polyvinyl Chloride | 24 | 308.34 | 1.40 | Main |
| SWR_GRV_8548 | Polyvinyl Chloride | 24 | 73.54 | 0.33 | Main |
| SWR_GRV_8549 | Polyvinyl Chloride | 24 | 99.34 | 0.45 | Main |
| SWR_GRV_8552 | Terra Cotta | 10 | 298.00 | 0.56 | Main |
| SWR_GRV_8553 | Terra Cotta | 10 | 192.80 | 0.37 | Main |
| SWR_GRV_8554 | Terra Cotta | 12 | 363.16 | 0.83 | Main |
| SWR_GRV_8555 | Terra Cotta | 10 | 40.38 | 0.08 | Main |
| SWR_GRV_8556 | Terra Cotta | 10 | 6.58 | 0.01 | Main |
| SWR_GRV_8557 | Terra Cotta | 10 | 9.10 | 0.02 | Main |
| SWR_GRV_8719 | Polyvinyl Chloride | 12 | 92.83 | 0.21 | Main |
| SWR_GRV_8723 | Polyvinyl Chloride | 12 | 253.00 | 0.58 | Main |
| SWR_GRV_8725 | Polyvinyl Chloride | 12 | 158.99 | 0.36 | Main |
| SWR_GRV_8727 | Polyvinyl Chloride | 12 | 233.66 | 0.53 | Main |
| SWR_GRV_8729 | Terra Cotta | 8 | 67.99 | 0.10 | Main |
| SWR_GRV_8854 | Terra Cotta | 8 | 225.37 | 0.34 | Main |
| SWR_GRV_8856 | Terra Cotta | 8 | 41.00 | 0.06 | Main |
| SWR_LTR_10074 | Polyvinyl Chloride | 6 | 11.89 | 0.01 | Lateral |
| SWR_LTR_10418 | Polyvinyl Chloride | 6 | 4.94 | 0.01 | Lateral |
| SWR_LTR_10419 | Polyvinyl Chloride | 6 | 4.78 | 0.01 | Lateral |
| SWR_LTR_10859 | Polyvinyl Chloride | 8 | 56.45 | 0.09 | Lateral |
| SWR_LTR_10860 | Polyvinyl Chloride | 8 | 14.55 | 0.02 | Lateral |
| SWR_LTR_10861 | Vitrified Clay | 6 | 58.23 | 0.07 | Lateral |
| SWR_LTR_10862 | Vitrified Clay | 8 | 44.24 | 0.07 | Lateral |
| SWR_LTR_10863 | Polyvinyl Chloride | 6 | 54.76 | 0.06 | Lateral |
| SWR_LTR_10864 | Polyvinyl Chloride | 6 | 52.26 | 0.06 | Lateral |
| SWR_LTR_10865 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_10866 | Polyvinyl Chloride | 6 | 21.19 | 0.02 | Lateral |
| SWR_LTR_10867 | Polyvinyl Chloride | 6 | 14.10 | 0.02 | Lateral |
| SWR_LTR_10868 | Polyvinyl Chloride | 6 | 13.54 | 0.02 | Lateral |
| SWR_LTR_10869 | Polyvinyl Chloride | 6 | 14.75 | 0.02 | Lateral |
| SWR_LTR_10870 | Polyvinyl Chloride | 6 | 14.64 | 0.02 | Lateral |
| SWR_LTR_10871 | Polyvinyl Chloride | 6 | 9.62 | 0.01 | Lateral |
| SWR_LTR_10995 | Polyvinyl Chloride | 6 | 16.83 | 0.02 | Lateral |
| SWR_LTR_10996 | Polyvinyl Chloride | 6 | 10.73 | 0.01 | Lateral |
| SWR_LTR_10997 | Polyvinyl Chloride | 6 | 12.86 | 0.01 | Lateral |
| SWR_LTR_10998 | Polyvinyl Chloride | 6 | 13.59 | 0.02 | Lateral |
| SWR_LTR_10999 | Polyvinyl Chloride | 6 | 11.61 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11000 | Polyvinyl Chloride | 6 | 14.42 | 0.02 | Lateral |
| SWR_LTR_11001 | Polyvinyl Chloride | 6 | 10.61 | 0.01 | Lateral |
| SWR_LTR_11002 | Polyvinyl Chloride | 6 | 30.34 | 0.03 | Lateral |
| SWR_LTR_11003 | Polyvinyl Chloride | 6 | 18.02 | 0.02 | Lateral |
| SWR_LTR_11004 | Polyvinyl Chloride | 6 | 17.28 | 0.02 | Lateral |
| SWR_LTR_11005 | Polyvinyl Chloride | 6 | 14.84 | 0.02 | Lateral |
| SWR_LTR_11006 | Polyvinyl Chloride | 6 | 17.80 | 0.02 | Lateral |
| SWR_LTR_11007 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_11008 | Polyvinyl Chloride | 6 | 17.04 | 0.02 | Lateral |
| SWR_LTR_11009 | Polyvinyl Chloride | 6 | 13.88 | 0.02 | Lateral |
| SWR_LTR_11010 | Polyvinyl Chloride | 6 | 14.85 | 0.02 | Lateral |
| SWR_LTR_11011 | Polyvinyl Chloride | 6 | 18.17 | 0.02 | Lateral |
| SWR_LTR_11012 | Polyvinyl Chloride | 6 | 15.21 | 0.02 | Lateral |
| SWR_LTR_11013 | Polyvinyl Chloride | 6 | 12.53 | 0.01 | Lateral |
| SWR_LTR_11014 | Polyvinyl Chloride | 6 | 11.13 | 0.01 | Lateral |
| SWR_LTR_11015 | Polyvinyl Chloride | 6 | 14.56 | 0.02 | Lateral |
| SWR_LTR_11016 | Polyvinyl Chloride | 6 | 17.45 | 0.02 | Lateral |
| SWR_LTR_11017 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_11018 | Polyvinyl Chloride | 8 | 15.61 | 0.02 | Lateral |
| SWR_LTR_11019 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_11020 | Polyvinyl Chloride | 6 | 12.47 | 0.01 | Lateral |
| SWR_LTR_11444 | Polyvinyl Chloride | 6 | 9.64 | 0.01 | Lateral |
| SWR_LTR_11445 | Polyvinyl Chloride | 6 | 9.76 | 0.01 | Lateral |
| SWR_LTR_11446 | Polyvinyl Chloride | 6 | 75.69 | 0.09 | Lateral |
| SWR_LTR_11447 | Polyvinyl Chloride | 6 | 13.04 | 0.01 | Lateral |
| SWR_LTR_11448 | Polyvinyl Chloride | 6 | 30.08 | 0.03 | Lateral |
| SWR_LTR_11449 | Polyvinyl Chloride | 6 | 39.79 | 0.05 | Lateral |
| SWR_LTR_11450 | Polyvinyl Chloride | 6 | 45.33 | 0.05 | Lateral |
| SWR_LTR_11451 | Polyvinyl Chloride | 6 | 44.36 | 0.05 | Lateral |
| SWR_LTR_11455 | Polyvinyl Chloride | 6 | 35.68 | 0.04 | Lateral |
| SWR_LTR_11456 | Polyvinyl Chloride | 6 | 35.16 | 0.04 | Lateral |
| SWR_LTR_11458 | Polyvinyl Chloride | 6 | 35.21 | 0.04 | Lateral |
| SWR_LTR_11459 | Polyvinyl Chloride | 6 | 35.17 | 0.04 | Lateral |
| SWR_LTR_11574 | Polyvinyl Chloride | 6 | 7.00 | 0.01 | Lateral |
| SWR_LTR_11575 | Polyvinyl Chloride | 6 | 10.91 | 0.01 | Lateral |
| SWR_LTR_11576 | Polyvinyl Chloride | 6 | 14.68 | 0.02 | Lateral |
| SWR_LTR_11577 | Polyvinyl Chloride | 6 | 47.24 | 0.05 | Lateral |
| SWR_LTR_11578 | Polyvinyl Chloride | 6 | 43.42 | 0.05 | Lateral |
| SWR_LTR_11579 | Polyvinyl Chloride | 6 | 43.42 | 0.05 | Lateral |
| SWR_LTR_11580 | Polyvinyl Chloride | 6 | 43.42 | 0.05 | Lateral |
| SWR_LTR_11581 | Polyvinyl Chloride | 6 | 16.23 | 0.02 | Lateral |
| SWR_LTR_11582 | Polyvinyl Chloride | 6 | 13.35 | 0.02 | Lateral |
| SWR_LTR_11583 | Polyvinyl Chloride | 15 | 24.97 | 0.07 | Lateral |
| SWR_LTR_11584 | Polyvinyl Chloride | 6 | 81.86 | 0.09 | Lateral |
| SWR_LTR_11585 | Polyvinyl Chloride | 6 | 65.78 | 0.07 | Lateral |
| SWR_LTR_11586 | Polyvinyl Chloride | 8 | 41.83 | 0.06 | Lateral |
| SWR_LTR_11587 | Polyvinyl Chloride | 8 | 41.68 | 0.06 | Lateral |
| SWR_LTR_11689 | Polyvinyl Chloride | 6 | 7.72 | 0.01 | Lateral |
| SWR_LTR_11690 | Polyvinyl Chloride | 6 | 8.03 | 0.01 | Lateral |
| SWR_LTR_11691 | Polyvinyl Chloride | 6 | 8.27 | 0.01 | Lateral |
| SWR_LTR_11692 | Polyvinyl Chloride | 6 | 8.60 | 0.01 | Lateral |
| SWR_LTR_11693 | Polyvinyl Chloride | 6 | 8.87 | 0.01 | Lateral |
| SWR_LTR_11694 | Polyvinyl Chloride | 6 | 10.86 | 0.01 | Lateral |
| SWR_LTR_11696 | Polyvinyl Chloride | 6 | 10.47 | 0.01 | Lateral |
| SWR_LTR_11697 | Polyvinyl Chloride | 6 | 10.39 | 0.01 | Lateral |
| SWR_LTR_11698 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_11699 | Polyvinyl Chloride | 6 | 9.91 | 0.01 | Lateral |
| SWR_LTR_11704 | Polyvinyl Chloride | 6 | 9.59 | 0.01 | Lateral |
| SWR_LTR_11705 | Polyvinyl Chloride | 6 | 13.56 | 0.02 | Lateral |
| SWR_LTR_11706 | Polyvinyl Chloride | 6 | 15.47 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_11707 | Polyvinyl Chloride | 6 | 4.32 | 0.005 | Lateral |
| SWR_LTR_11928 | Polyvinyl Chloride | 15 | 35.25 | 0.10 | Lateral |
| SWR_LTR_11929 | Polyvinyl Chloride | 15 | 26.33 | 0.07 | Lateral |
| SWR_LTR_11930 | Polyvinyl Chloride | 6 | 41.04 | 0.05 | Lateral |
| SWR_LTR_11931 | Polyvinyl Chloride | 15 | 45.37 | 0.13 | Lateral |
| SWR_LTR_11932 | Polyvinyl Chloride | 15 | 29.87 | 0.08 | Lateral |
| SWR_LTR_11933 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_11934 | Polyvinyl Chloride | 6 | 11.23 | 0.01 | Lateral |
| SWR_LTR_11935 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11936 | Polyvinyl Chloride | 6 | 11.20 | 0.01 | Lateral |
| SWR_LTR_11937 | Polyvinyl Chloride | 6 | 8.52 | 0.01 | Lateral |
| SWR_LTR_11938 | Polyvinyl Chloride | 6 | 13.06 | 0.01 | Lateral |
| SWR_LTR_11939 | Polyvinyl Chloride | 6 | 8.16 | 0.01 | Lateral |
| SWR_LTR_11940 | Polyvinyl Chloride | 6 | 12.04 | 0.01 | Lateral |
| SWR_LTR_11948 | Polyvinyl Chloride | 6 | 11.83 | 0.01 | Lateral |
| SWR_LTR_11949 | Polyvinyl Chloride | 6 | 16.92 | 0.02 | Lateral |
| SWR_LTR_11950 | Polyvinyl Chloride | 6 | 11.84 | 0.01 | Lateral |
| SWR_LTR_11951 | Polyvinyl Chloride | 6 | 19.00 | 0.02 | Lateral |
| SWR_LTR_11952 | Polyvinyl Chloride | 6 | 19.05 | 0.02 | Lateral |
| SWR_LTR_11953 | Polyvinyl Chloride | 6 | 18.58 | 0.02 | Lateral |
| SWR_LTR_11954 | Polyvinyl Chloride | 6 | 14.74 | 0.02 | Lateral |
| SWR_LTR_11955 | Polyvinyl Chloride | 6 | 10.57 | 0.01 | Lateral |
| SWR_LTR_11956 | Polyvinyl Chloride | 6 | 11.26 | 0.01 | Lateral |
| SWR_LTR_11957 | Polyvinyl Chloride | 6 | 13.78 | 0.02 | Lateral |
| SWR_LTR_11958 | Polyvinyl Chloride | 6 | 13.54 | 0.02 | Lateral |
| SWR_LTR_11959 | Polyvinyl Chloride | 6 | 13.41 | 0.02 | Lateral |
| SWR_LTR_11960 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_11961 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_11962 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_11963 | Polyvinyl Chloride | 6 | 11.22 | 0.01 | Lateral |
| SWR_LTR_11964 | Polyvinyl Chloride | 6 | 13.06 | 0.01 | Lateral |
| SWR_LTR_11965 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_11966 | Polyvinyl Chloride | 6 | 13.51 | 0.02 | Lateral |
| SWR_LTR_11967 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_11968 | Polyvinyl Chloride | 6 | 9.63 | 0.01 | Lateral |
| SWR_LTR_11969 | Polyvinyl Chloride | 6 | 16.20 | 0.02 | Lateral |
| SWR_LTR_11970 | Polyvinyl Chloride | 6 | 16.22 | 0.02 | Lateral |
| SWR_LTR_11971 | Polyvinyl Chloride | 6 | 16.19 | 0.02 | Lateral |
| SWR_LTR_11972 | Polyvinyl Chloride | 6 | 9.68 | 0.01 | Lateral |
| SWR_LTR_11973 | Polyvinyl Chloride | 6 | 34.86 | 0.04 | Lateral |
| SWR_LTR_11974 | Polyvinyl Chloride | 6 | 66.26 | 0.08 | Lateral |
| SWR_LTR_11975 | Polyvinyl Chloride | 6 | 69.20 | 0.08 | Lateral |
| SWR_LTR_11976 | Polyvinyl Chloride | 6 | 4.45 | 0.01 | Lateral |
| SWR_LTR_12030 | Polyvinyl Chloride | 6 | 39.30 | 0.04 | Lateral |
| SWR_LTR_12031 | Polyvinyl Chloride | 6 | 39.76 | 0.05 | Lateral |
| SWR_LTR_12032 | Polyvinyl Chloride | 6 | 39.68 | 0.05 | Lateral |
| SWR_LTR_12033 | Polyvinyl Chloride | 6 | 4.57 | 0.01 | Lateral |
| SWR_LTR_12034 | Polyvinyl Chloride | 6 | 39.77 | 0.05 | Lateral |
| SWR_LTR_12035 | Polyvinyl Chloride | 6 | 4.83 | 0.01 | Lateral |
| SWR_LTR_12036 | Polyvinyl Chloride | 6 | 39.75 | 0.05 | Lateral |
| SWR_LTR_12037 | Polyvinyl Chloride | 6 | 35.94 | 0.04 | Lateral |
| SWR_LTR_12038 | Polyvinyl Chloride | 6 | 39.82 | 0.05 | Lateral |
| SWR_LTR_12039 | Polyvinyl Chloride | 6 | 39.77 | 0.05 | Lateral |
| SWR_LTR_12040 | Polyvinyl Chloride | 6 | 16.14 | 0.02 | Lateral |
| SWR_LTR_12041 | Polyvinyl Chloride | 6 | 9.21 | 0.01 | Lateral |
| SWR_LTR_12042 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12043 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_12044 | Polyvinyl Chloride | 6 | 16.02 | 0.02 | Lateral |
| SWR_LTR_12045 | Polyvinyl Chloride | 6 | 17.10 | 0.02 | Lateral |
| SWR_LTR_12046 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12047 | Polyvinyl Chloride | 6 | 14.94 | 0.02 | Lateral |
| SWR_LTR_12048 | Polyvinyl Chloride | 6 | 8.36 | 0.01 | Lateral |
| SWR_LTR_12049 | Polyvinyl Chloride | 6 | 13.78 | 0.02 | Lateral |
| SWR_LTR_12050 | Polyvinyl Chloride | 6 | 12.06 | 0.01 | Lateral |
| SWR_LTR_12051 | Polyvinyl Chloride | 6 | 13.59 | 0.02 | Lateral |
| SWR_LTR_12052 | Polyvinyl Chloride | 6 | 11.73 | 0.01 | Lateral |
| SWR_LTR_12053 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_12054 | Polyvinyl Chloride | 6 | 13.34 | 0.02 | Lateral |
| SWR_LTR_12055 | Polyvinyl Chloride | 6 | 16.40 | 0.02 | Lateral |
| SWR_LTR_12056 | Polyvinyl Chloride | 6 | 16.66 | 0.02 | Lateral |
| SWR_LTR_12057 | Polyvinyl Chloride | 6 | 15.61 | 0.02 | Lateral |
| SWR_LTR_12058 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_12059 | Polyvinyl Chloride | 6 | 17.67 | 0.02 | Lateral |
| SWR_LTR_12060 | Polyvinyl Chloride | 6 | 15.17 | 0.02 | Lateral |
| SWR_LTR_12061 | Polyvinyl Chloride | 6 | 19.16 | 0.02 | Lateral |
| SWR_LTR_12062 | Polyvinyl Chloride | 6 | 17.22 | 0.02 | Lateral |
| SWR_LTR_12063 | Polyvinyl Chloride | 6 | 15.28 | 0.02 | Lateral |
| SWR_LTR_12064 | Polyvinyl Chloride | 6 | 20.17 | 0.02 | Lateral |
| SWR_LTR_12065 | Polyvinyl Chloride | 6 | 7.93 | 0.01 | Lateral |
| SWR_LTR_12103 | Polyvinyl Chloride | 6 | 9.41 | 0.01 | Lateral |
| SWR_LTR_12104 | Polyvinyl Chloride | 6 | 9.35 | 0.01 | Lateral |
| SWR_LTR_12105 | Polyvinyl Chloride | 6 | 9.59 | 0.01 | Lateral |
| SWR_LTR_12106 | Polyvinyl Chloride | 6 | 9.41 | 0.01 | Lateral |
| SWR_LTR_12107 | Polyvinyl Chloride | 6 | 13.41 | 0.02 | Lateral |
| SWR_LTR_12108 | Polyvinyl Chloride | 6 | 13.68 | 0.02 | Lateral |
| SWR_LTR_12109 | Polyvinyl Chloride | 6 | 13.47 | 0.02 | Lateral |
| SWR_LTR_12110 | Polyvinyl Chloride | 6 | 13.05 | 0.01 | Lateral |
| SWR_LTR_12128 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_12129 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_12130 | Polyvinyl Chloride | 6 | 11.66 | 0.01 | Lateral |
| SWR_LTR_12131 | Polyvinyl Chloride | 6 | 11.67 | 0.01 | Lateral |
| SWR_LTR_12132 | Polyvinyl Chloride | 6 | 12.01 | 0.01 | Lateral |
| SWR_LTR_12133 | Polyvinyl Chloride | 6 | 12.20 | 0.01 | Lateral |
| SWR_LTR_12134 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_12135 | Polyvinyl Chloride | 6 | 10.25 | 0.01 | Lateral |
| SWR_LTR_12150 | Polyvinyl Chloride | 6 | 11.75 | 0.01 | Lateral |
| SWR_LTR_12151 | Polyvinyl Chloride | 6 | 11.77 | 0.01 | Lateral |
| SWR_LTR_12152 | Polyvinyl Chloride | 6 | 12.23 | 0.01 | Lateral |
| SWR_LTR_12153 | Polyvinyl Chloride | 6 | 15.99 | 0.02 | Lateral |
| SWR_LTR_12154 | Polyvinyl Chloride | 8 | 12.65 | 0.02 | Lateral |
| SWR_LTR_12155 | Polyvinyl Chloride | 6 | 13.64 | 0.02 | Lateral |
| SWR_LTR_12156 | Polyvinyl Chloride | 6 | 13.09 | 0.01 | Lateral |
| SWR_LTR_12158 | Polyvinyl Chloride | 8 | 16.42 | 0.02 | Lateral |
| SWR_LTR_12159 | Polyvinyl Chloride | 6 | 14.96 | 0.02 | Lateral |
| SWR_LTR_12160 | Polyvinyl Chloride | 6 | 11.39 | 0.01 | Lateral |
| SWR_LTR_12161 | Polyvinyl Chloride | 6 | 20.59 | 0.02 | Lateral |
| SWR_LTR_12162 | Polyvinyl Chloride | 6 | 18.40 | 0.02 | Lateral |
| SWR_LTR_12163 | Polyvinyl Chloride | 6 | 12.04 | 0.01 | Lateral |
| SWR_LTR_12164 | Polyvinyl Chloride | 6 | 14.89 | 0.02 | Lateral |
| SWR_LTR_12165 | Polyvinyl Chloride | 6 | 18.59 | 0.02 | Lateral |
| SWR_LTR_12313 | Polyvinyl Chloride | 6 | 38.33 | 0.04 | Lateral |
| SWR_LTR_12314 | Polyvinyl Chloride | 6 | 33.93 | 0.04 | Lateral |
| SWR_LTR_12315 | Polyvinyl Chloride | 6 | 34.52 | 0.04 | Lateral |
| SWR_LTR_12316 | Polyvinyl Chloride | 6 | 27.85 | 0.03 | Lateral |
| SWR_LTR_12317 | Polyvinyl Chloride | 6 | 32.81 | 0.04 | Lateral |
| SWR_LTR_12318 | Polyvinyl Chloride | 6 | 32.67 | 0.04 | Lateral |
| SWR_LTR_12319 | Polyvinyl Chloride | 6 | 27.69 | 0.03 | Lateral |
| SWR_LTR_12320 | Polyvinyl Chloride | 6 | 5.68 | 0.01 | Lateral |
| SWR_LTR_12321 | Polyvinyl Chloride | 6 | 7.68 | 0.01 | Lateral |
| SWR_LTR_13226 | Polyvinyl Chloride | 6 | 54.30 | 0.06 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_15643 | Polyvinyl Chloride | 6 | 15.52 | 0.02 | Lateral |
| SWR_LTR_15644 | Polyvinyl Chloride | 6 | 16.00 | 0.02 | Lateral |
| SWR_LTR_15645 | Polyvinyl Chloride | 6 | 16.62 | 0.02 | Lateral |
| SWR_LTR_15646 | Polyvinyl Chloride | 6 | 19.34 | 0.02 | Lateral |
| SWR_LTR_15647 | Polyvinyl Chloride | 6 | 15.56 | 0.02 | Lateral |
| SWR_LTR_15648 | Polyvinyl Chloride | 6 | 24.55 | 0.03 | Lateral |
| SWR_LTR_15649 | Polyvinyl Chloride | 6 | 13.77 | 0.02 | Lateral |
| SWR_LTR_15650 | Polyvinyl Chloride | 6 | 15.82 | 0.02 | Lateral |
| SWR_LTR_15651 | Polyvinyl Chloride | 6 | 13.23 | 0.02 | Lateral |
| SWR_LTR_15652 | Polyvinyl Chloride | 6 | 22.99 | 0.03 | Lateral |
| SWR_LTR_15653 | Polyvinyl Chloride | 6 | 15.15 | 0.02 | Lateral |
| SWR_LTR_15654 | Polyvinyl Chloride | 6 | 10.78 | 0.01 | Lateral |
| SWR_LTR_15655 | Polyvinyl Chloride | 6 | 21.60 | 0.02 | Lateral |
| SWR_LTR_15656 | Polyvinyl Chloride | 6 | 21.02 | 0.02 | Lateral |
| SWR_LTR_15657 | Polyvinyl Chloride | 6 | 18.57 | 0.02 | Lateral |
| SWR_LTR_15658 | Polyvinyl Chloride | 6 | 18.63 | 0.02 | Lateral |
| SWR_LTR_15659 | Polyvinyl Chloride | 6 | 14.82 | 0.02 | Lateral |
| SWR_LTR_1566 | Reinforced Concrete | 8 | 9.17 | 0.01 | Lateral |
| SWR_LTR_15660 | Polyvinyl Chloride | 6 | 12.29 | 0.01 | Lateral |
| SWR_LTR_15661 | Polyvinyl Chloride | 6 | 19.13 | 0.02 | Lateral |
| SWR_LTR_15662 | Polyvinyl Chloride | 6 | 17.76 | 0.02 | Lateral |
| SWR_LTR_15663 | Polyvinyl Chloride | 6 | 17.11 | 0.02 | Lateral |
| SWR_LTR_15664 | Polyvinyl Chloride | 6 | 12.84 | 0.01 | Lateral |
| SWR_LTR_15665 | Polyvinyl Chloride | 6 | 11.82 | 0.01 | Lateral |
| SWR_LTR_15666 | Polyvinyl Chloride | 6 | 14.62 | 0.02 | Lateral |
| SWR_LTR_15667 | Polyvinyl Chloride | 6 | 10.45 | 0.01 | Lateral |
| SWR_LTR_15668 | Polyvinyl Chloride | 6 | 13.07 | 0.01 | Lateral |
| SWR_LTR_15669 | Polyvinyl Chloride | 6 | 11.81 | 0.01 | Lateral |
| SWR_LTR_15670 | Polyvinyl Chloride | 6 | 13.15 | 0.01 | Lateral |
| SWR_LTR_15671 | Polyvinyl Chloride | 6 | 12.18 | 0.01 | Lateral |
| SWR_LTR_15672 | Polyvinyl Chloride | 6 | 21.45 | 0.02 | Lateral |
| SWR_LTR_15673 | Polyvinyl Chloride | 6 | 76.59 | 0.09 | Lateral |
| SWR_LTR_17688 | Polyvinyl Chloride | 6 | 12.14 | 0.01 | Lateral |
| SWR_LTR_17689 | Polyvinyl Chloride | 6 | 10.10 | 0.01 | Lateral |
| SWR_LTR_17690 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_17691 | Polyvinyl Chloride | 6 | 10.33 | 0.01 | Lateral |
| SWR_LTR_17692 | Polyvinyl Chloride | 6 | 11.39 | 0.01 | Lateral |
| SWR_LTR_17700 | Polyvinyl Chloride | 6 | 11.48 | 0.01 | Lateral |
| SWR_LTR_17701 | Polyvinyl Chloride | 6 | 11.54 | 0.01 | Lateral |
| SWR_LTR_17702 | Polyvinyl Chloride | 6 | 11.21 | 0.01 | Lateral |
| SWR_LTR_17703 | Polyvinyl Chloride | 6 | 15.71 | 0.02 | Lateral |
| SWR_LTR_17704 | Polyvinyl Chloride | 6 | 12.41 | 0.01 | Lateral |
| SWR_LTR_17705 | Polyvinyl Chloride | 6 | 11.18 | 0.01 | Lateral |
| SWR_LTR_17706 | Polyvinyl Chloride | 6 | 10.51 | 0.01 | Lateral |
| SWR_LTR_17707 | Polyvinyl Chloride | 6 | 9.37 | 0.01 | Lateral |
| SWR_LTR_17708 | Polyvinyl Chloride | 6 | 11.61 | 0.01 | Lateral |
| SWR_LTR_17709 | Polyvinyl Chloride | 6 | 4.49 | 0.01 | Lateral |
| SWR_LTR_17710 | Polyvinyl Chloride | 6 | 11.27 | 0.01 | Lateral |
| SWR_LTR_17711 | Polyvinyl Chloride | 6 | 10.12 | 0.01 | Lateral |
| SWR_LTR_17733 | Polyvinyl Chloride | 6 | 11.80 | 0.01 | Lateral |
| SWR_LTR_17734 | Polyvinyl Chloride | 6 | 16.11 | 0.02 | Lateral |
| SWR_LTR_17735 | Polyvinyl Chloride | 6 | 10.78 | 0.01 | Lateral |
| SWR_LTR_17736 | Polyvinyl Chloride | 6 | 9.94 | 0.01 | Lateral |
| SWR_LTR_17737 | Polyvinyl Chloride | 6 | 10.45 | 0.01 | Lateral |
| SWR_LTR_17738 | Polyvinyl Chloride | 6 | 11.05 | 0.01 | Lateral |
| SWR_LTR_17739 | Polyvinyl Chloride | 6 | 11.47 | 0.01 | Lateral |
| SWR_LTR_17740 | Polyvinyl Chloride | 6 | 8.94 | 0.01 | Lateral |
| SWR_LTR_17741 | Polyvinyl Chloride | 6 | 35.12 | 0.04 | Lateral |
| SWR_LTR_17946 | Polyvinyl Chloride | 6 | 12.22 | 0.01 | Lateral |
| SWR_LTR_17947 | Polyvinyl Chloride | 6 | 11.64 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31A**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17948 | Polyvinyl Chloride | 6 | 12.04 | 0.01 | Lateral |
| SWR_LTR_17949 | Polyvinyl Chloride | 6 | 11.77 | 0.01 | Lateral |
| SWR_LTR_17950 | Polyvinyl Chloride | 6 | 17.17 | 0.02 | Lateral |
| SWR_LTR_17951 | Polyvinyl Chloride | 6 | 11.83 | 0.01 | Lateral |
| SWR_LTR_17952 | Polyvinyl Chloride | 6 | 11.73 | 0.01 | Lateral |
| SWR_LTR_17953 | Polyvinyl Chloride | 6 | 16.57 | 0.02 | Lateral |
| SWR_LTR_17954 | Polyvinyl Chloride | 6 | 11.85 | 0.01 | Lateral |
| SWR_LTR_17955 | Polyvinyl Chloride | 6 | 17.16 | 0.02 | Lateral |
| SWR_LTR_17956 | Polyvinyl Chloride | 6 | 11.79 | 0.01 | Lateral |
| SWR_LTR_17957 | Polyvinyl Chloride | 6 | 16.98 | 0.02 | Lateral |
| SWR_LTR_17959 | Polyvinyl Chloride | 6 | 17.10 | 0.02 | Lateral |
| SWR_LTR_18080 | Polyvinyl Chloride | 6 | 18.56 | 0.02 | Lateral |
| SWR_LTR_18081 | Polyvinyl Chloride | 6 | 19.22 | 0.02 | Lateral |
| SWR_LTR_18082 | Polyvinyl Chloride | 6 | 17.82 | 0.02 | Lateral |
| SWR_LTR_18083 | Polyvinyl Chloride | 6 | 13.81 | 0.02 | Lateral |
| SWR_LTR_18084 | Polyvinyl Chloride | 6 | 16.10 | 0.02 | Lateral |
| SWR_LTR_18085 | Polyvinyl Chloride | 6 | 16.35 | 0.02 | Lateral |
| SWR_LTR_18086 | Polyvinyl Chloride | 6 | 38.07 | 0.04 | Lateral |
| SWR_LTR_18087 | Polyvinyl Chloride | 6 | 9.42 | 0.01 | Lateral |
| SWR_LTR_18088 | Polyvinyl Chloride | 6 | 19.05 | 0.02 | Lateral |
| SWR_LTR_18089 | Polyvinyl Chloride | 6 | 16.41 | 0.02 | Lateral |
| SWR_LTR_18090 | Polyvinyl Chloride | 6 | 13.63 | 0.02 | Lateral |
| SWR_LTR_18091 | Polyvinyl Chloride | 6 | 14.45 | 0.02 | Lateral |
| SWR_LTR_18092 | Polyvinyl Chloride | 6 | 9.35 | 0.01 | Lateral |
| SWR_LTR_18093 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_18094 | Polyvinyl Chloride | 6 | 23.33 | 0.03 | Lateral |
| SWR_LTR_18095 | Polyvinyl Chloride | 6 | 43.16 | 0.05 | Lateral |
| SWR_LTR_18101 | Polyvinyl Chloride | 6 | 14.20 | 0.02 | Lateral |
| SWR_LTR_18102 | Polyvinyl Chloride | 6 | 11.25 | 0.01 | Lateral |
| SWR_LTR_18103 | Polyvinyl Chloride | 6 | 9.49 | 0.01 | Lateral |
| SWR_LTR_18104 | Polyvinyl Chloride | 6 | 8.25 | 0.01 | Lateral |
| SWR_LTR_18105 | Polyvinyl Chloride | 6 | 8.39 | 0.01 | Lateral |
| SWR_LTR_18106 | Polyvinyl Chloride | 6 | 8.49 | 0.01 | Lateral |
| SWR_LTR_18107 | Polyvinyl Chloride | 6 | 5.36 | 0.01 | Lateral |
| SWR_LTR_18108 | Polyvinyl Chloride | 6 | 4.97 | 0.01 | Lateral |
| SWR_LTR_18109 | Polyvinyl Chloride | 6 | 4.82 | 0.01 | Lateral |
| SWR_LTR_18110 | Polyvinyl Chloride | 6 | 9.70 | 0.01 | Lateral |
| SWR_LTR_1821 | Polyvinyl Chloride | 2 | 84.14 | 0.03 | Lateral |
| SWR_LTR_1822 | Polyvinyl Chloride | 4 | 86.55 | 0.07 | Lateral |
| SWR_LTR_18465 | Polyvinyl Chloride | 8 | 131.57 | 0.20 | Lateral |
| SWR_LTR_18469 | Polyvinyl Chloride | 8 | 30.74 | 0.05 | Lateral |
| SWR_LTR_18470 | Polyvinyl Chloride | 8 | 28.87 | 0.04 | Lateral |
| SWR_LTR_18471 | Polyvinyl Chloride | 8 | 36.51 | 0.06 | Lateral |
| SWR_LTR_18472 | Polyvinyl Chloride | 8 | 13.68 | 0.02 | Lateral |
| SWR_LTR_18538 | Polyvinyl Chloride | 8 | 4.35 | 0.01 | Lateral |
| SWR_LTR_1966 | Ductile Iron | 8 | 97.30 | 0.15 | Lateral |
| SWR_LTR_2393 | Polyvinyl Chloride | 15 | 39.46 | 0.11 | Lateral |
| SWR_LTR_5313 | Polyvinyl Chloride | 6 | 9.59 | 0.01 | Lateral |
| SWR_LTR_6496 | Polyvinyl Chloride | 12 | 10.60 | 0.02 | Lateral |
| SWR_LTR_7388 | Polyvinyl Chloride | 10 | 11.35 | 0.02 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|---------------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_1383 | Concrete (Non-Reinforced) | 8 | 33.26 | 0.050 | Main |
| SWR_GRV_1535 | Concrete (Non-Reinforced) | 8 | 172.03 | 0.26 | Main |
| SWR_GRV_1536 | Concrete (Non-Reinforced) | 8 | 55.19 | 0.08 | Main |
| SWR_GRV_1537 | Concrete (Non-Reinforced) | 8 | 179.86 | 0.27 | Main |
| SWR_GRV_1538 | Concrete (Non-Reinforced) | 8 | 220.88 | 0.33 | Main |
| SWR_GRV_1558 | Concrete (Non-Reinforced) | 8 | 151.32 | 0.23 | Main |
| SWR_GRV_1559 | Concrete (Non-Reinforced) | 8 | 149.83 | 0.23 | Main |
| SWR_GRV_1560 | Concrete (Non-Reinforced) | 8 | 89.82 | 0.14 | Main |
| SWR_GRV_1561 | Concrete (Non-Reinforced) | 8 | 109.15 | 0.17 | Main |
| SWR_GRV_1562 | Concrete (Non-Reinforced) | 8 | 4.93 | 0.01 | Main |
| SWR_GRV_1564 | Concrete (Non-Reinforced) | 12 | 446.74 | 1.02 | Main |
| SWR_GRV_1565 | Concrete (Non-Reinforced) | 8 | 304.58 | 0.46 | Main |
| SWR_GRV_1568 | Polyvinyl Chloride | 8 | 19.93 | 0.03 | Main |
| SWR_GRV_1569 | Concrete (Non-Reinforced) | 8 | 7.44 | 0.01 | Main |
| SWR_GRV_1573 | Concrete (Non-Reinforced) | 8 | 56.27 | 0.09 | Main |
| SWR_GRV_1574 | Concrete (Non-Reinforced) | 15 | 47.71 | 0.14 | Main |
| SWR_GRV_1575 | Concrete (Non-Reinforced) | 8 | 154.60 | 0.23 | Main |
| SWR_GRV_1576 | Concrete (Non-Reinforced) | 15 | 404.80 | 1.15 | Main |
| SWR_GRV_1577 | Polyvinyl Chloride | 24 | 187.92 | 0.85 | Main |
| SWR_GRV_1578 | Concrete (Non-Reinforced) | 8 | 48.72 | 0.07 | Main |
| SWR_GRV_1581 | Ductile Iron | 12 | 92.29 | 0.21 | Main |
| SWR_GRV_1582 | Concrete (Non-Reinforced) | 8 | 8.78 | 0.01 | Main |
| SWR_GRV_1596 | Concrete (Non-Reinforced) | 8 | 349.49 | 0.53 | Main |
| SWR_GRV_1597 | Concrete (Non-Reinforced) | 8 | 6.68 | 0.01 | Main |
| SWR_GRV_1598 | Concrete (Non-Reinforced) | 8 | 157.72 | 0.24 | Main |
| SWR_GRV_1769 | Concrete (Non-Reinforced) | 8 | 87.66 | 0.13 | Main |
| SWR_GRV_1834 | Concrete (Non-Reinforced) | 12 | 23.00 | 0.05 | Main |
| SWR_GRV_1835 | Concrete (Non-Reinforced) | 8 | 147.70 | 0.22 | Main |
| SWR_GRV_1836 | Concrete (Non-Reinforced) | 12 | 92.00 | 0.21 | Main |
| SWR_GRV_4220 | Polyvinyl Chloride | 15 | 78.82 | 0.22 | Main |
| SWR_GRV_4223 | Polyvinyl Chloride | 8 | 29.29 | 0.04 | Main |
| SWR_GRV_4225 | Polyvinyl Chloride | 8 | 54.84 | 0.08 | Main |
| SWR_GRV_4246 | Terra Cotta | 12 | 4.29 | 0.01 | Main |
| SWR_GRV_6500 | Polyvinyl Chloride | 12 | 31.25 | 0.07 | Main |
| SWR_GRV_6502 | Polyvinyl Chloride | 15 | 11.06 | 0.03 | Main |
| SWR_GRV_6504 | Terra Cotta | 12 | 117.46 | 0.27 | Main |
| SWR_GRV_6585 | Terra Cotta | 12 | 85.23 | 0.19 | Main |
| SWR_GRV_6588 | Polyvinyl Chloride | 24 | 36.70 | 0.17 | Main |
| SWR_GRV_685 | Polyvinyl Chloride | 12 | 209.41 | 0.48 | Main |
| SWR_GRV_7283 | Terra Cotta | 15 | 450.73 | 1.28 | Main |
| SWR_GRV_7444 | Terra Cotta | 8 | 116.39 | 0.18 | Main |
| SWR_GRV_7446 | Terra Cotta | 8 | 39.28 | 0.06 | Main |
| SWR_GRV_7448 | Terra Cotta | 8 | 91.88 | 0.14 | Main |
| SWR_GRV_7450 | Terra Cotta | 8 | 90.92 | 0.14 | Main |
| SWR_GRV_7456 | Terra Cotta | 8 | 181.89 | 0.28 | Main |
| SWR_GRV_7460 | Terra Cotta | 8 | 133.82 | 0.20 | Main |
| SWR_GRV_7462 | Terra Cotta | 8 | 74.08 | 0.11 | Main |
| SWR_GRV_7466 | Terra Cotta | 8 | 184.33 | 0.28 | Main |
| SWR_GRV_7468 | Terra Cotta | 8 | 229.33 | 0.35 | Main |
| SWR_GRV_7480 | Polyvinyl Chloride | 15 | 201.74 | 0.57 | Main |
| SWR_GRV_7484 | Polyvinyl Chloride | 12 | 332.88 | 0.76 | Main |
| SWR_GRV_7486 | Polyvinyl Chloride | 8 | 19.89 | 0.03 | Main |
| SWR_GRV_7488 | Polyvinyl Chloride | 12 | 62.86 | 0.14 | Main |
| SWR_GRV_7490 | Polyvinyl Chloride | 12 | 131.65 | 0.30 | Main |
| SWR_GRV_7492 | Terra Cotta | 12 | 171.61 | 0.39 | Main |
| SWR_GRV_7494 | Terra Cotta | 12 | 8.16 | 0.02 | Main |
| SWR_GRV_7496 | Terra Cotta | 12 | 12.94 | 0.03 | Main |
| SWR_GRV_7498 | Terra Cotta | 12 | 399.06 | 0.91 | Main |
| SWR_GRV_7500 | Terra Cotta | 8 | 401.47 | 0.61 | Main |
| SWR_GRV_7503 | Polyvinyl Chloride | 24 | 171.47 | 0.78 | Main |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| <i>Asset ID</i> | <i>Material</i> | <i>Diameter (inches)</i> | <i>Length (feet)</i> | <i>IDM</i> | <i>Main or Lateral</i> |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_GRV_7505 | Polyvinyl Chloride | 24 | 220.62 | 1.00 | Main |
| SWR_GRV_7507 | Polyvinyl Chloride | 24 | 153.09 | 0.70 | Main |
| SWR_GRV_7509 | Polyvinyl Chloride | 8 | 8.60 | 0.01 | Main |
| SWR_GRV_7516 | Polyvinyl Chloride | 8 | 401.92 | 0.61 | Main |
| SWR_GRV_7523 | Terra Cotta | 8 | 41.71 | 0.06 | Main |
| SWR_GRV_7528 | Polyvinyl Chloride | 24 | 212.89 | 0.97 | Main |
| SWR_GRV_7531 | Terra Cotta | 15 | 398.14 | 1.13 | Main |
| SWR_GRV_7534 | Polyvinyl Chloride | 24 | 161.62 | 0.73 | Main |
| SWR_GRV_7536 | Terra Cotta | 8 | 399.68 | 0.61 | Main |
| SWR_GRV_7538 | Terra Cotta | 8 | 371.01 | 0.56 | Main |
| SWR_GRV_7541 | Polyvinyl Chloride | 8 | 366.00 | 0.55 | Main |
| SWR_GRV_7543 | Polyvinyl Chloride | 8 | 33.75 | 0.05 | Main |
| SWR_GRV_7546 | Polyvinyl Chloride | 8 | 47.35 | 0.07 | Main |
| SWR_GRV_7552 | Polyvinyl Chloride | 15 | 169.33 | 0.48 | Main |
| SWR_GRV_7554 | Polyvinyl Chloride | 24 | 310.55 | 1.41 | Main |
| SWR_GRV_7556 | Terra Cotta | 8 | 400.44 | 0.61 | Main |
| SWR_GRV_7558 | Terra Cotta | 8 | 386.72 | 0.59 | Main |
| SWR_GRV_7561 | Terra Cotta | 8 | 199.89 | 0.30 | Main |
| SWR_GRV_7563 | Terra Cotta | 8 | 124.79 | 0.19 | Main |
| SWR_GRV_7565 | Terra Cotta | 6 | 47.41 | 0.05 | Main |
| SWR_GRV_7567 | Terra Cotta | 8 | 353.65 | 0.54 | Main |
| SWR_GRV_7572 | Polyvinyl Chloride | 15 | 120.01 | 0.34 | Main |
| SWR_GRV_7574 | Polyvinyl Chloride | 15 | 212.43 | 0.60 | Main |
| SWR_GRV_7576 | Polyvinyl Chloride | 8 | 30.50 | 0.05 | Main |
| SWR_GRV_7578 | Polyvinyl Chloride | 24 | 58.47 | 0.27 | Main |
| SWR_GRV_7580 | Polyvinyl Chloride | 15 | 40.65 | 0.12 | Main |
| SWR_GRV_7583 | Polyvinyl Chloride | 15 | 110.90 | 0.32 | Main |
| SWR_GRV_7585 | Polyvinyl Chloride | 15 | 247.73 | 0.70 | Main |
| SWR_GRV_7587 | Polyvinyl Chloride | 8 | 28.96 | 0.04 | Main |
| SWR_GRV_7590 | Polyvinyl Chloride | 15 | 48.52 | 0.14 | Main |
| SWR_GRV_7592 | Polyvinyl Chloride | 8 | 28.58 | 0.04 | Main |
| SWR_GRV_7594 | Polyvinyl Chloride | 15 | 159.17 | 0.45 | Main |
| SWR_GRV_7631 | Terra Cotta | 8 | 249.17 | 0.38 | Main |
| SWR_GRV_7702 | Polyvinyl Chloride | 15 | 395.18 | 1.12 | Main |
| SWR_GRV_7714 | Terra Cotta | 15 | 22.94 | 0.07 | Main |
| SWR_GRV_8543 | Terra Cotta | 12 | 292.81 | 0.67 | Main |
| SWR_GRV_8547 | Polyvinyl Chloride | 24 | 5.32 | 0.02 | Main |
| SWR_GRV_8624 | Terra Cotta | 8 | 69.05 | 0.10 | Main |
| SWR_GRV_8626 | Terra Cotta | 8 | 132.01 | 0.20 | Main |
| SWR_LTR_10075 | Polyvinyl Chloride | 6 | 29.56 | 0.03 | Lateral |
| SWR_LTR_10076 | Polyvinyl Chloride | 6 | 29.56 | 0.03 | Lateral |
| SWR_LTR_10077 | Polyvinyl Chloride | 6 | 26.74 | 0.03 | Lateral |
| SWR_LTR_10078 | Polyvinyl Chloride | 6 | 29.51 | 0.03 | Lateral |
| SWR_LTR_10079 | Polyvinyl Chloride | 6 | 26.71 | 0.03 | Lateral |
| SWR_LTR_10080 | Polyvinyl Chloride | 6 | 26.73 | 0.03 | Lateral |
| SWR_LTR_10081 | Polyvinyl Chloride | 6 | 27.29 | 0.03 | Lateral |
| SWR_LTR_10082 | Polyvinyl Chloride | 6 | 38.19 | 0.04 | Lateral |
| SWR_LTR_10083 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_10128 | Polyvinyl Chloride | 6 | 16.16 | 0.02 | Lateral |
| SWR_LTR_10129 | Polyvinyl Chloride | 6 | 11.47 | 0.01 | Lateral |
| SWR_LTR_10130 | Polyvinyl Chloride | 6 | 11.31 | 0.01 | Lateral |
| SWR_LTR_10131 | Polyvinyl Chloride | 6 | 16.14 | 0.02 | Lateral |
| SWR_LTR_10132 | Polyvinyl Chloride | 6 | 16.11 | 0.02 | Lateral |
| SWR_LTR_10133 | Polyvinyl Chloride | 6 | 12.10 | 0.01 | Lateral |
| SWR_LTR_10134 | Polyvinyl Chloride | 6 | 12.14 | 0.01 | Lateral |
| SWR_LTR_10135 | Polyvinyl Chloride | 6 | 10.86 | 0.01 | Lateral |
| SWR_LTR_10136 | Polyvinyl Chloride | 6 | 11.62 | 0.01 | Lateral |
| SWR_LTR_10137 | Polyvinyl Chloride | 6 | 31.32 | 0.04 | Lateral |
| SWR_LTR_10138 | Polyvinyl Chloride | 6 | 31.22 | 0.04 | Lateral |
| SWR_LTR_10139 | Polyvinyl Chloride | 6 | 22.23 | 0.03 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_10140 | Polyvinyl Chloride | 6 | 22.24 | 0.03 | Lateral |
| SWR_LTR_10953 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_10954 | Polyvinyl Chloride | 6 | 32.21 | 0.04 | Lateral |
| SWR_LTR_10955 | Polyvinyl Chloride | 6 | 41.02 | 0.05 | Lateral |
| SWR_LTR_10956 | Polyvinyl Chloride | 6 | 39.02 | 0.04 | Lateral |
| SWR_LTR_10957 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_11169 | Polyvinyl Chloride | 6 | 35.76 | 0.04 | Lateral |
| SWR_LTR_11170 | Polyvinyl Chloride | 6 | 4.83 | 0.01 | Lateral |
| SWR_LTR_11171 | Polyvinyl Chloride | 6 | 35.75 | 0.04 | Lateral |
| SWR_LTR_11172 | Polyvinyl Chloride | 6 | 35.75 | 0.04 | Lateral |
| SWR_LTR_11173 | Polyvinyl Chloride | 6 | 35.29 | 0.04 | Lateral |
| SWR_LTR_11174 | Polyvinyl Chloride | 6 | 35.30 | 0.04 | Lateral |
| SWR_LTR_11175 | Polyvinyl Chloride | 6 | 35.30 | 0.04 | Lateral |
| SWR_LTR_11176 | Polyvinyl Chloride | 6 | 35.23 | 0.04 | Lateral |
| SWR_LTR_11177 | Polyvinyl Chloride | 6 | 4.66 | 0.01 | Lateral |
| SWR_LTR_11178 | Polyvinyl Chloride | 6 | 40.11 | 0.05 | Lateral |
| SWR_LTR_11179 | Polyvinyl Chloride | 6 | 40.11 | 0.05 | Lateral |
| SWR_LTR_11180 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_11181 | Polyvinyl Chloride | 6 | 40.07 | 0.05 | Lateral |
| SWR_LTR_11182 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_11183 | Polyvinyl Chloride | 6 | 40.09 | 0.05 | Lateral |
| SWR_LTR_11184 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11185 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_11186 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_11187 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_11188 | Polyvinyl Chloride | 6 | 26.20 | 0.03 | Lateral |
| SWR_LTR_11189 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11190 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_11191 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11192 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_11193 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_11194 | Polyvinyl Chloride | 6 | 18.69 | 0.02 | Lateral |
| SWR_LTR_11195 | Polyvinyl Chloride | 6 | 56.81 | 0.06 | Lateral |
| SWR_LTR_11196 | Polyvinyl Chloride | 6 | 56.87 | 0.06 | Lateral |
| SWR_LTR_11197 | Polyvinyl Chloride | 6 | 18.93 | 0.02 | Lateral |
| SWR_LTR_11198 | Polyvinyl Chloride | 6 | 57.04 | 0.06 | Lateral |
| SWR_LTR_11199 | Polyvinyl Chloride | 6 | 18.50 | 0.02 | Lateral |
| SWR_LTR_11452 | Polyvinyl Chloride | 8 | 28.43 | 0.04 | Lateral |
| SWR_LTR_11453 | Polyvinyl Chloride | 8 | 33.11 | 0.05 | Lateral |
| SWR_LTR_11454 | Polyvinyl Chloride | 8 | 39.18 | 0.06 | Lateral |
| SWR_LTR_11700 | Polyvinyl Chloride | 6 | 42.11 | 0.05 | Lateral |
| SWR_LTR_11701 | Polyvinyl Chloride | 6 | 37.18 | 0.04 | Lateral |
| SWR_LTR_11702 | Polyvinyl Chloride | 8 | 30.23 | 0.05 | Lateral |
| SWR_LTR_11703 | Polyvinyl Chloride | 6 | 39.97 | 0.05 | Lateral |
| SWR_LTR_11708 | Polyvinyl Chloride | 6 | 37.22 | 0.04 | Lateral |
| SWR_LTR_11709 | Polyvinyl Chloride | 6 | 40.19 | 0.05 | Lateral |
| SWR_LTR_11941 | Polyvinyl Chloride | 6 | 37.24 | 0.04 | Lateral |
| SWR_LTR_11942 | Polyvinyl Chloride | 6 | 37.19 | 0.04 | Lateral |
| SWR_LTR_11943 | Polyvinyl Chloride | 6 | 34.87 | 0.04 | Lateral |
| SWR_LTR_11944 | Polyvinyl Chloride | 6 | 34.97 | 0.04 | Lateral |
| SWR_LTR_11945 | Polyvinyl Chloride | 6 | 34.90 | 0.04 | Lateral |
| SWR_LTR_11946 | Polyvinyl Chloride | 6 | 4.60 | 0.01 | Lateral |
| SWR_LTR_11947 | Polyvinyl Chloride | 6 | 35.44 | 0.04 | Lateral |
| SWR_LTR_12025 | Polyvinyl Chloride | 6 | 16.28 | 0.02 | Lateral |
| SWR_LTR_12026 | Polyvinyl Chloride | 6 | 16.65 | 0.02 | Lateral |
| SWR_LTR_12027 | Polyvinyl Chloride | 6 | 11.60 | 0.01 | Lateral |
| SWR_LTR_12028 | Polyvinyl Chloride | 6 | 14.22 | 0.02 | Lateral |
| SWR_LTR_12029 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_12066 | Polyvinyl Chloride | 6 | 9.32 | 0.01 | Lateral |
| SWR_LTR_12067 | Polyvinyl Chloride | 6 | 9.45 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12068 | Polyvinyl Chloride | 6 | 9.33 | 0.01 | Lateral |
| SWR_LTR_12069 | Polyvinyl Chloride | 6 | 53.23 | 0.06 | Lateral |
| SWR_LTR_12070 | Polyvinyl Chloride | 6 | 53.19 | 0.06 | Lateral |
| SWR_LTR_12071 | Polyvinyl Chloride | 6 | 48.29 | 0.05 | Lateral |
| SWR_LTR_12072 | Polyvinyl Chloride | 6 | 48.25 | 0.05 | Lateral |
| SWR_LTR_12073 | Polyvinyl Chloride | 6 | 48.20 | 0.05 | Lateral |
| SWR_LTR_12074 | Polyvinyl Chloride | 6 | 48.08 | 0.05 | Lateral |
| SWR_LTR_12075 | Polyvinyl Chloride | 6 | 48.53 | 0.06 | Lateral |
| SWR_LTR_12076 | Polyvinyl Chloride | 6 | 22.29 | 0.03 | Lateral |
| SWR_LTR_12077 | Polyvinyl Chloride | 6 | 20.38 | 0.02 | Lateral |
| SWR_LTR_12078 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_12079 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_12080 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_12081 | Polyvinyl Chloride | 6 | 34.22 | 0.04 | Lateral |
| SWR_LTR_12082 | Polyvinyl Chloride | 6 | 35.27 | 0.04 | Lateral |
| SWR_LTR_12083 | Polyvinyl Chloride | 6 | 35.29 | 0.04 | Lateral |
| SWR_LTR_12084 | Polyvinyl Chloride | 6 | 35.26 | 0.04 | Lateral |
| SWR_LTR_12085 | Polyvinyl Chloride | 6 | 35.27 | 0.04 | Lateral |
| SWR_LTR_12086 | Polyvinyl Chloride | 6 | 35.26 | 0.04 | Lateral |
| SWR_LTR_12087 | Polyvinyl Chloride | 6 | 36.43 | 0.04 | Lateral |
| SWR_LTR_12088 | Polyvinyl Chloride | 6 | 38.10 | 0.04 | Lateral |
| SWR_LTR_12089 | Polyvinyl Chloride | 6 | 38.11 | 0.04 | Lateral |
| SWR_LTR_12090 | Polyvinyl Chloride | 6 | 38.10 | 0.04 | Lateral |
| SWR_LTR_12091 | Polyvinyl Chloride | 6 | 39.23 | 0.04 | Lateral |
| SWR_LTR_12092 | Polyvinyl Chloride | 6 | 34.20 | 0.04 | Lateral |
| SWR_LTR_12093 | Polyvinyl Chloride | 6 | 34.23 | 0.04 | Lateral |
| SWR_LTR_12094 | Polyvinyl Chloride | 6 | 33.22 | 0.04 | Lateral |
| SWR_LTR_12095 | Polyvinyl Chloride | 6 | 34.35 | 0.04 | Lateral |
| SWR_LTR_12096 | Polyvinyl Chloride | 6 | 43.03 | 0.05 | Lateral |
| SWR_LTR_12097 | Polyvinyl Chloride | 6 | 40.15 | 0.05 | Lateral |
| SWR_LTR_12098 | Polyvinyl Chloride | 6 | 46.00 | 0.05 | Lateral |
| SWR_LTR_12099 | Polyvinyl Chloride | 6 | 44.21 | 0.05 | Lateral |
| SWR_LTR_12100 | Polyvinyl Chloride | 6 | 3.92 | 0.004 | Lateral |
| SWR_LTR_12101 | Polyvinyl Chloride | 6 | 42.96 | 0.05 | Lateral |
| SWR_LTR_12102 | Polyvinyl Chloride | 6 | 37.04 | 0.04 | Lateral |
| SWR_LTR_12111 | Polyvinyl Chloride | 6 | 49.87 | 0.06 | Lateral |
| SWR_LTR_12112 | Polyvinyl Chloride | 6 | 50.41 | 0.06 | Lateral |
| SWR_LTR_12113 | Polyvinyl Chloride | 6 | 50.17 | 0.06 | Lateral |
| SWR_LTR_12114 | Polyvinyl Chloride | 6 | 51.03 | 0.06 | Lateral |
| SWR_LTR_12115 | Polyvinyl Chloride | 6 | 20.53 | 0.02 | Lateral |
| SWR_LTR_12116 | Polyvinyl Chloride | 6 | 18.37 | 0.02 | Lateral |
| SWR_LTR_12117 | Polyvinyl Chloride | 6 | 18.45 | 0.02 | Lateral |
| SWR_LTR_12118 | Polyvinyl Chloride | 6 | 18.57 | 0.02 | Lateral |
| SWR_LTR_12119 | Polyvinyl Chloride | 6 | 18.83 | 0.02 | Lateral |
| SWR_LTR_12120 | Polyvinyl Chloride | 6 | 37.12 | 0.04 | Lateral |
| SWR_LTR_12121 | Polyvinyl Chloride | 6 | 37.11 | 0.04 | Lateral |
| SWR_LTR_12122 | Polyvinyl Chloride | 6 | 42.07 | 0.05 | Lateral |
| SWR_LTR_12123 | Polyvinyl Chloride | 6 | 37.15 | 0.04 | Lateral |
| SWR_LTR_12124 | Polyvinyl Chloride | 6 | 37.10 | 0.04 | Lateral |
| SWR_LTR_12125 | Polyvinyl Chloride | 6 | 37.28 | 0.04 | Lateral |
| SWR_LTR_12126 | Polyvinyl Chloride | 6 | 37.13 | 0.04 | Lateral |
| SWR_LTR_12127 | Polyvinyl Chloride | 6 | 37.08 | 0.04 | Lateral |
| SWR_LTR_12136 | Polyvinyl Chloride | 6 | 40.21 | 0.05 | Lateral |
| SWR_LTR_12137 | Polyvinyl Chloride | 6 | 35.82 | 0.04 | Lateral |
| SWR_LTR_12157 | Polyvinyl Chloride | 6 | 118.88 | 0.14 | Lateral |
| SWR_LTR_12166 | Polyvinyl Chloride | 8 | 44.62 | 0.07 | Lateral |
| SWR_LTR_12167 | Polyvinyl Chloride | 6 | 35.02 | 0.04 | Lateral |
| SWR_LTR_12168 | Polyvinyl Chloride | 6 | 32.01 | 0.04 | Lateral |
| SWR_LTR_12169 | Polyvinyl Chloride | 6 | 26.12 | 0.03 | Lateral |
| SWR_LTR_12178 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12179 | Polyvinyl Chloride | 6 | 36.92 | 0.04 | Lateral |
| SWR_LTR_12180 | Polyvinyl Chloride | 6 | 36.57 | 0.04 | Lateral |
| SWR_LTR_12181 | Polyvinyl Chloride | 6 | 36.28 | 0.04 | Lateral |
| SWR_LTR_12182 | Polyvinyl Chloride | 6 | 35.98 | 0.04 | Lateral |
| SWR_LTR_12183 | Polyvinyl Chloride | 6 | 35.63 | 0.04 | Lateral |
| SWR_LTR_12223 | Polyvinyl Chloride | 6 | 20.10 | 0.02 | Lateral |
| SWR_LTR_12224 | Polyvinyl Chloride | 6 | 30.03 | 0.03 | Lateral |
| SWR_LTR_12225 | Polyvinyl Chloride | 6 | 16.29 | 0.02 | Lateral |
| SWR_LTR_12226 | Polyvinyl Chloride | 8 | 16.42 | 0.02 | Lateral |
| SWR_LTR_12227 | Polyvinyl Chloride | 6 | 15.03 | 0.02 | Lateral |
| SWR_LTR_12228 | Polyvinyl Chloride | 6 | 14.21 | 0.02 | Lateral |
| SWR_LTR_12229 | Polyvinyl Chloride | 6 | 11.26 | 0.01 | Lateral |
| SWR_LTR_12230 | Polyvinyl Chloride | 6 | 15.05 | 0.02 | Lateral |
| SWR_LTR_12231 | Polyvinyl Chloride | 6 | 15.03 | 0.02 | Lateral |
| SWR_LTR_12232 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_12233 | Polyvinyl Chloride | 8 | 21.48 | 0.03 | Lateral |
| SWR_LTR_12234 | Polyvinyl Chloride | 6 | 15.07 | 0.02 | Lateral |
| SWR_LTR_12263 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_12264 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_12265 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_12266 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_12267 | Polyvinyl Chloride | 6 | 26.19 | 0.03 | Lateral |
| SWR_LTR_12268 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_12269 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_12270 | Polyvinyl Chloride | 6 | 27.04 | 0.03 | Lateral |
| SWR_LTR_12271 | Polyvinyl Chloride | 6 | 22.31 | 0.03 | Lateral |
| SWR_LTR_12272 | Polyvinyl Chloride | 6 | 18.71 | 0.02 | Lateral |
| SWR_LTR_12273 | Polyvinyl Chloride | 8 | 15.51 | 0.02 | Lateral |
| SWR_LTR_12274 | Polyvinyl Chloride | 6 | 15.05 | 0.02 | Lateral |
| SWR_LTR_12275 | Polyvinyl Chloride | 6 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12276 | Polyvinyl Chloride | 6 | 14.66 | 0.02 | Lateral |
| SWR_LTR_12277 | Polyvinyl Chloride | 6 | 15.80 | 0.02 | Lateral |
| SWR_LTR_12278 | Polyvinyl Chloride | 8 | 15.19 | 0.02 | Lateral |
| SWR_LTR_12279 | Polyvinyl Chloride | 6 | 16.70 | 0.02 | Lateral |
| SWR_LTR_12280 | Polyvinyl Chloride | 6 | 14.56 | 0.02 | Lateral |
| SWR_LTR_12281 | Polyvinyl Chloride | 6 | 14.58 | 0.02 | Lateral |
| SWR_LTR_12282 | Polyvinyl Chloride | 6 | 24.76 | 0.03 | Lateral |
| SWR_LTR_12283 | Polyvinyl Chloride | 6 | 8.76 | 0.01 | Lateral |
| SWR_LTR_12284 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_12285 | Polyvinyl Chloride | 6 | 16.36 | 0.02 | Lateral |
| SWR_LTR_12286 | Polyvinyl Chloride | 6 | 9.11 | 0.01 | Lateral |
| SWR_LTR_12287 | Polyvinyl Chloride | 6 | 16.30 | 0.02 | Lateral |
| SWR_LTR_12288 | Polyvinyl Chloride | 6 | 11.10 | 0.01 | Lateral |
| SWR_LTR_12289 | Polyvinyl Chloride | 6 | 8.13 | 0.01 | Lateral |
| SWR_LTR_12290 | Polyvinyl Chloride | 6 | 16.15 | 0.02 | Lateral |
| SWR_LTR_12291 | Polyvinyl Chloride | 6 | 15.01 | 0.02 | Lateral |
| SWR_LTR_12292 | Polyvinyl Chloride | 6 | 17.58 | 0.02 | Lateral |
| SWR_LTR_12293 | Polyvinyl Chloride | 6 | 16.54 | 0.02 | Lateral |
| SWR_LTR_12294 | Polyvinyl Chloride | 6 | 28.05 | 0.03 | Lateral |
| SWR_LTR_12295 | Polyvinyl Chloride | 6 | 11.61 | 0.01 | Lateral |
| SWR_LTR_12296 | Polyvinyl Chloride | 6 | 11.13 | 0.01 | Lateral |
| SWR_LTR_12297 | Polyvinyl Chloride | 6 | 16.09 | 0.02 | Lateral |
| SWR_LTR_12298 | Polyvinyl Chloride | 6 | 26.21 | 0.03 | Lateral |
| SWR_LTR_12299 | Polyvinyl Chloride | 6 | 26.22 | 0.03 | Lateral |
| SWR_LTR_12300 | Polyvinyl Chloride | 6 | 57.31 | 0.07 | Lateral |
| SWR_LTR_12301 | Polyvinyl Chloride | 6 | 26.71 | 0.03 | Lateral |
| SWR_LTR_12358 | Polyvinyl Chloride | 6 | 40.14 | 0.05 | Lateral |
| SWR_LTR_12359 | Polyvinyl Chloride | 6 | 35.09 | 0.04 | Lateral |
| SWR_LTR_12360 | Polyvinyl Chloride | 6 | 39.80 | 0.05 | Lateral |
| SWR_LTR_12361 | Polyvinyl Chloride | 6 | 40.11 | 0.05 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_12362 | Polyvinyl Chloride | 6 | 40.34 | 0.05 | Lateral |
| SWR_LTR_12363 | Polyvinyl Chloride | 6 | 39.49 | 0.04 | Lateral |
| SWR_LTR_12364 | Polyvinyl Chloride | 6 | 39.16 | 0.04 | Lateral |
| SWR_LTR_12365 | Polyvinyl Chloride | 6 | 38.75 | 0.04 | Lateral |
| SWR_LTR_12366 | Polyvinyl Chloride | 6 | 37.21 | 0.04 | Lateral |
| SWR_LTR_12367 | Polyvinyl Chloride | 6 | 38.20 | 0.04 | Lateral |
| SWR_LTR_12368 | Polyvinyl Chloride | 6 | 23.96 | 0.03 | Lateral |
| SWR_LTR_12370 | Polyvinyl Chloride | 6 | 35.70 | 0.04 | Lateral |
| SWR_LTR_12371 | Polyvinyl Chloride | 6 | 24.27 | 0.03 | Lateral |
| SWR_LTR_12372 | Polyvinyl Chloride | 6 | 24.33 | 0.03 | Lateral |
| SWR_LTR_12373 | Polyvinyl Chloride | 6 | 24.57 | 0.03 | Lateral |
| SWR_LTR_12374 | Polyvinyl Chloride | 6 | 35.47 | 0.04 | Lateral |
| SWR_LTR_12375 | Polyvinyl Chloride | 6 | 31.53 | 0.04 | Lateral |
| SWR_LTR_12376 | Polyvinyl Chloride | 6 | 35.33 | 0.04 | Lateral |
| SWR_LTR_12377 | Polyvinyl Chloride | 6 | 34.53 | 0.04 | Lateral |
| SWR_LTR_12378 | Polyvinyl Chloride | 6 | 25.00 | 0.03 | Lateral |
| SWR_LTR_12379 | Polyvinyl Chloride | 6 | 14.09 | 0.02 | Lateral |
| SWR_LTR_12380 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12381 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |
| SWR_LTR_12382 | Polyvinyl Chloride | 6 | 13.52 | 0.02 | Lateral |
| SWR_LTR_12383 | Polyvinyl Chloride | 6 | 12.62 | 0.01 | Lateral |
| SWR_LTR_12384 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_12385 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12386 | Polyvinyl Chloride | 6 | 13.21 | 0.02 | Lateral |
| SWR_LTR_12421 | Polyvinyl Chloride | 6 | 8.24 | 0.01 | Lateral |
| SWR_LTR_12422 | Polyvinyl Chloride | 6 | 18.92 | 0.02 | Lateral |
| SWR_LTR_12423 | Polyvinyl Chloride | 6 | 51.62 | 0.06 | Lateral |
| SWR_LTR_12424 | Polyvinyl Chloride | 6 | 51.48 | 0.06 | Lateral |
| SWR_LTR_12425 | Polyvinyl Chloride | 6 | 51.46 | 0.06 | Lateral |
| SWR_LTR_12426 | Polyvinyl Chloride | 6 | 51.49 | 0.06 | Lateral |
| SWR_LTR_12427 | Polyvinyl Chloride | 6 | 51.37 | 0.06 | Lateral |
| SWR_LTR_12428 | Polyvinyl Chloride | 6 | 51.32 | 0.06 | Lateral |
| SWR_LTR_12429 | Polyvinyl Chloride | 6 | 55.07 | 0.06 | Lateral |
| SWR_LTR_12430 | Polyvinyl Chloride | 6 | 24.18 | 0.03 | Lateral |
| SWR_LTR_12431 | Polyvinyl Chloride | 6 | 51.73 | 0.06 | Lateral |
| SWR_LTR_12432 | Polyvinyl Chloride | 6 | 51.82 | 0.06 | Lateral |
| SWR_LTR_12433 | Polyvinyl Chloride | 6 | 52.35 | 0.06 | Lateral |
| SWR_LTR_12434 | Polyvinyl Chloride | 6 | 52.60 | 0.06 | Lateral |
| SWR_LTR_12435 | Polyvinyl Chloride | 6 | 53.78 | 0.06 | Lateral |
| SWR_LTR_12436 | Polyvinyl Chloride | 6 | 57.88 | 0.07 | Lateral |
| SWR_LTR_12437 | Polyvinyl Chloride | 6 | 57.03 | 0.06 | Lateral |
| SWR_LTR_12438 | Polyvinyl Chloride | 6 | 58.12 | 0.07 | Lateral |
| SWR_LTR_12439 | Polyvinyl Chloride | 6 | 23.48 | 0.03 | Lateral |
| SWR_LTR_12440 | Polyvinyl Chloride | 6 | 8.06 | 0.01 | Lateral |
| SWR_LTR_13518 | Polyvinyl Chloride | 6 | 22.21 | 0.03 | Lateral |
| SWR_LTR_17693 | Polyvinyl Chloride | 12 | 38.71 | 0.09 | Lateral |
| SWR_LTR_17694 | Polyvinyl Chloride | 6 | 7.63 | 0.01 | Lateral |
| SWR_LTR_17695 | Polyvinyl Chloride | 6 | 7.05 | 0.01 | Lateral |
| SWR_LTR_17696 | Polyvinyl Chloride | 8 | 6.11 | 0.01 | Lateral |
| SWR_LTR_17697 | Polyvinyl Chloride | 6 | 10.41 | 0.01 | Lateral |
| SWR_LTR_17698 | Polyvinyl Chloride | 8 | 36.97 | 0.06 | Lateral |
| SWR_LTR_17699 | Polyvinyl Chloride | 8 | 7.82 | 0.01 | Lateral |
| SWR_LTR_17712 | Polyvinyl Chloride | 6 | 39.28 | 0.04 | Lateral |
| SWR_LTR_17713 | Polyvinyl Chloride | 6 | 39.25 | 0.04 | Lateral |
| SWR_LTR_17714 | Polyvinyl Chloride | 6 | 39.22 | 0.04 | Lateral |
| SWR_LTR_17715 | Polyvinyl Chloride | 6 | 20.35 | 0.02 | Lateral |
| SWR_LTR_17716 | Polyvinyl Chloride | 6 | 19.68 | 0.02 | Lateral |
| SWR_LTR_17717 | Polyvinyl Chloride | 6 | 22.62 | 0.03 | Lateral |
| SWR_LTR_17718 | Polyvinyl Chloride | 6 | 21.64 | 0.02 | Lateral |
| SWR_LTR_17719 | Polyvinyl Chloride | 6 | 10.19 | 0.01 | Lateral |

**RER Table 1. Collection System Inventory
City of Miami Beach Basin 31B**

| Asset ID | Material | Diameter (inches) | Length (feet) | IDM | Main or Lateral |
|-----------------|--------------------|------------------------------|--------------------------|------------|------------------------|
| SWR_LTR_17720 | Polyvinyl Chloride | 6 | 15.90 | 0.02 | Lateral |
| SWR_LTR_17721 | Polyvinyl Chloride | 6 | 18.92 | 0.02 | Lateral |
| SWR_LTR_17722 | Polyvinyl Chloride | 6 | 15.97 | 0.02 | Lateral |
| SWR_LTR_17723 | Polyvinyl Chloride | 6 | 14.57 | 0.02 | Lateral |
| SWR_LTR_17724 | Polyvinyl Chloride | 6 | 16.08 | 0.02 | Lateral |
| SWR_LTR_17725 | Polyvinyl Chloride | 6 | 15.60 | 0.02 | Lateral |
| SWR_LTR_17726 | Polyvinyl Chloride | 6 | 16.17 | 0.02 | Lateral |
| SWR_LTR_17727 | Polyvinyl Chloride | 6 | 14.39 | 0.02 | Lateral |
| SWR_LTR_17728 | Polyvinyl Chloride | 6 | 16.27 | 0.02 | Lateral |
| SWR_LTR_17729 | Polyvinyl Chloride | 6 | 14.19 | 0.02 | Lateral |
| SWR_LTR_17730 | Polyvinyl Chloride | 6 | 14.01 | 0.02 | Lateral |
| SWR_LTR_17731 | Polyvinyl Chloride | 6 | 14.23 | 0.02 | Lateral |
| SWR_LTR_17732 | Polyvinyl Chloride | 6 | 14.32 | 0.02 | Lateral |
| SWR_LTR_17985 | Polyvinyl Chloride | 6 | 35.38 | 0.04 | Lateral |
| SWR_LTR_18097 | Polyvinyl Chloride | 6 | 37.23 | 0.04 | Lateral |
| SWR_LTR_18098 | Polyvinyl Chloride | 6 | 40.15 | 0.05 | Lateral |
| SWR_LTR_18099 | Polyvinyl Chloride | 6 | 40.04 | 0.05 | Lateral |
| SWR_LTR_18100 | Polyvinyl Chloride | 6 | 37.25 | 0.04 | Lateral |
| SWR_LTR_18111 | Polyvinyl Chloride | 6 | 49.02 | 0.06 | Lateral |
| SWR_LTR_18112 | Polyvinyl Chloride | 6 | 131.10 | 0.15 | Lateral |
| SWR_LTR_18113 | Polyvinyl Chloride | 6 | 44.01 | 0.05 | Lateral |
| SWR_LTR_18114 | Polyvinyl Chloride | 6 | 48.99 | 0.06 | Lateral |
| SWR_LTR_18115 | Polyvinyl Chloride | 6 | 39.02 | 0.04 | Lateral |
| SWR_LTR_18116 | Polyvinyl Chloride | 6 | 45.01 | 0.05 | Lateral |
| SWR_LTR_18117 | Polyvinyl Chloride | 6 | 46.03 | 0.05 | Lateral |
| SWR_LTR_18118 | Polyvinyl Chloride | 6 | 18.99 | 0.02 | Lateral |
| SWR_LTR_18119 | Polyvinyl Chloride | 6 | 36.23 | 0.04 | Lateral |
| SWR_LTR_18120 | Polyvinyl Chloride | 6 | 39.01 | 0.04 | Lateral |
| SWR_LTR_18121 | Polyvinyl Chloride | 6 | 53.02 | 0.06 | Lateral |
| SWR_LTR_18122 | Polyvinyl Chloride | 6 | 45.99 | 0.05 | Lateral |
| SWR_LTR_18123 | Polyvinyl Chloride | 6 | 39.97 | 0.05 | Lateral |
| SWR_LTR_18124 | Polyvinyl Chloride | 6 | 38.12 | 0.04 | Lateral |
| SWR_LTR_18131 | Polyvinyl Chloride | 6 | 28.85 | 0.03 | Lateral |
| SWR_LTR_18140 | Polyvinyl Chloride | 6 | 40.01 | 0.05 | Lateral |
| SWR_LTR_18141 | Polyvinyl Chloride | 6 | 35.28 | 0.04 | Lateral |
| SWR_LTR_18142 | Polyvinyl Chloride | 6 | 61.51 | 0.07 | Lateral |
| SWR_LTR_18143 | Polyvinyl Chloride | 6 | 52.58 | 0.06 | Lateral |
| SWR_LTR_18219 | Polyvinyl Chloride | 6 | 25.00 | 0.03 | Lateral |
| SWR_LTR_18220 | Polyvinyl Chloride | 6 | 19.20 | 0.02 | Lateral |
| SWR_LTR_18221 | Polyvinyl Chloride | 6 | 22.22 | 0.03 | Lateral |
| SWR_LTR_18222 | Polyvinyl Chloride | 6 | 11.14 | 0.01 | Lateral |
| SWR_LTR_18223 | Polyvinyl Chloride | 6 | 14.58 | 0.02 | Lateral |
| SWR_LTR_18224 | Polyvinyl Chloride | 6 | 18.05 | 0.02 | Lateral |
| SWR_LTR_18943 | Polyvinyl Chloride | 6 | 2.94 | 0.003 | Lateral |
| SWR_LTR_2109 | Polyvinyl Chloride | 8 | 18.20 | 0.03 | Lateral |
| SWR_LTR_2537 | Polyvinyl Chloride | 15 | 6.96 | 0.02 | Lateral |
| SWR_LTR_269 | Polyvinyl Chloride | 6 | 16.31 | 0.02 | Lateral |
| SWR_LTR_4317 | Polyvinyl Chloride | 6 | 13.00 | 0.01 | Lateral |
| SWR_LTR_4517 | Polyvinyl Chloride | 6 | 14.35 | 0.02 | Lateral |
| SWR_LTR_5533 | Polyvinyl Chloride | 8 | 6.79 | 0.01 | Lateral |
| SWR_LTR_9624 | Polyvinyl Chloride | 6 | 8.21 | 0.01 | Lateral |
| SWR_LTR_9626 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_9628 | Polyvinyl Chloride | 6 | 8.18 | 0.01 | Lateral |
| SWR_LTR_9630 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |
| SWR_LTR_9632 | Polyvinyl Chloride | 6 | 8.20 | 0.01 | Lateral |

Appendix B: RER Table 2 – Summary Table for SSES Submittals

RER Table 2. Summary Table for SSES Submittals

| Basin / Key Manhole | General Information | | | | | | I/I Information | | | | | | | Note |
|---------------------|-------------------------|-------------------|----------------------|------------|-----------------|--------------|------------------|-------------------|------------------------|---------------|---------------|-----------------|-------------------------|------|
| | Sub-Basin / Key Manhole | PS Capacity (MGD) | PS NAPOT (hours/day) | Surcharged | IDM (Inch.Mile) | No. Manholes | Night Flow (GPD) | Night Usage (GPD) | Infiltration (GPD/IDM) | ADF Dry (GPD) | ADF Wet (GPD) | Inflow/MH (GPD) | Chloride Average (mg/L) | |
| PS01 | | 18.30 | 2.32 | No | 534.42 | 663 | --- | --- | --- | --- | --- | --- | --- | |
| | 1A / 138B | | | No | 66.03 | 98 | 202,691 | 1,680 | 3,070 | 213,889 | 218,167 | 44 | 3,300 | |
| | 1B / 173 | | | No | 206.12 | 296 | 560,708 | 0 | 2,720 | 1,010,000 | 1,180,000 | 574 | --- | |
| | 1C / 175A | | | No | 262.27 | 269 | 4,515,349 | 170,102 | 17,216 | 5,649,364 | 5,762,351 | 420 | 2,800 | |
| PS02 | | 0.98 | 2.61 | No | 9.95 | 20 | 21,227 | 44 | 2,133 | 21,522 | 21,952 | 22 | 3,650 | |
| PS04 | | 0.53 | 3.97 | No | 28.92 | 38 | 128,268 | 259 | 4,435 | 129,996 | 132,596 | 68 | 5,900 | |
| PS05 | | 0.19 | 6.30 | No | 24.89 | 34 | 68,067 | 1,343 | 2,735 | 77,021 | 78,561 | 45 | 9,750 | |
| PS06 | | 0.33 | 2.04 | No | 16.77 | 22 | 10,911 | 824 | 651 | 16,404 | 16,732 | 15 | 7,600 | |
| PS07 | | 0.45 | 2.36 | No | 30.90 | 34 | 55,711 | 320 | 1,803 | 57,844 | 59,001 | 34 | 340 | |
| PS08 | | 0.32 | 4.14 | No | 20.65 | 25 | 27,665 | 2,806 | 1,340 | 46,370 | 47,297 | 37 | 5,400 | |
| PS10 / 400D | | 2.29 | 1.06 | No | 145.65 | 110 | 143,031 | 15,831 | 982 | 248,569 | 253,540 | 45 | 995 | |
| PS11 / 324E | | 8.57 | 0.94 | No | 77.74 | 136 | 1,021,925 | 875,138 | 1,888 | 1,890,000 | 1,940,000 | 368 | --- | |
| PS13 | | 0.33 | 2.01 | No | 23.32 | 30 | 2,677 | 402 | 115 | 1,549 | 1,580 | 1 | 170 | |
| PS14 | | 0.53 | 4.20 | No | 30.67 | 47 | 56,950 | 156 | 1,857 | 57,993 | 59,153 | 25 | 4,250 | |
| PS15 | | 2.88 | 4.28 | No | 187.71 | 239 | --- | --- | --- | --- | --- | --- | --- | |
| | 15A / 2006(N) | | | No | 95.34 | 123 | 1,128,474 | 25,218 | 11,836 | 1,296,597 | 1,322,529 | 211 | 955 | |
| | 15B / 2006(W) | | | No | 92.37 | 116 | 379,560 | 12,391 | 4,109 | 462,167 | 471,410 | 80 | 505 | |
| PS18 | | 0.32 | 2.21 | No | 21.01 | 31 | 34,544 | 2,661 | 1,644 | 52,283 | 53,329 | 34 | 610 | |
| PS19 / 3094C | | 4.82 | 7.30 | No | 69.67 | 138 | 771,868 | 19,118 | 11,079 | 899,320 | 917,306 | 130 | 3,950 | |
| PS21 / 4000 | | 4.82 | 3.68 | No | 169.98 | 168 | 274,645 | 158,229 | 1,616 | 1,329,504 | 1,356,094 | 158 | 2,650 | |
| PS22 | | 1.41 | 4.23 | No | 85.15 | 110 | --- | --- | --- | --- | --- | --- | --- | |
| | 22A / 3945D | | | No | 39.71 | 49 | 114,076 | 12,554 | 2,873 | 197,771 | 201,726 | 81 | 785 | |
| | 22B / 3944 | | | No | 45.44 | 61 | 144,143 | 31,044 | 3,172 | 351,104 | 358,126 | 115 | 1,000 | |
| PS23 / 3601B | | 5.26 | 7.40 | No | 138.04 | 174 | 475,606 | 97,642 | 3,445 | 1,126,552 | 1,149,083 | 129 | 870 | |
| PS24 | | 2.95 | 5.97 | No | 153.96 | 126 | --- | --- | --- | --- | --- | --- | --- | |
| | 24A / 2803 | | | No | 92.20 | 65 | 264,121 | 54,364 | 2,865 | 626,546 | 639,077 | 193 | 4,650 | |
| | 24B / 2701 | | | No | 61.76 | 61 | 255,912 | 38,387 | 4,144 | 163,542 | 166,813 | 54 | 6,650 | |
| PS27 | | 4.32 | 5.34 | No | 41.38 | 102 | --- | --- | --- | --- | --- | --- | --- | |
| | 27A / 3401 | | | No | 20.58 | 48 | 141,293 | 124,762 | 803 | 300,000 | 380,000 | 1,667 | --- | |
| | 27B / 3024B | | | No | 20.80 | 54 | 782,755 | 684,864 | 4,706 | 1,210,000 | 1,300,000 | 1,667 | --- | |
| PS28 | | 29.38 | 4.33 | No | 633.80 | 1,013 | --- | --- | --- | --- | --- | --- | --- | |
| | 28A / | | | No | 72.78 | 141 | 442,080 | 36,195 | 6,074 | 683,377 | 697,045 | 97 | 4,200 | |
| | 28B / 742 | | | No | 57.93 | 68 | 129,182 | 0 | 2,230 | 160,000 | 180,000 | 294 | --- | |
| | 28C / 623 & 513C | | | No | 439.63 | 503 | 3,151,210 | 48,060 | 7,168 | 3,471,609 | 3,541,041 | 138 | 5,850 | |
| | 28D / 592C | | | No | 63.49 | 301 | 2,050,474 | 1,761,811 | 4,547 | 3,930,000 | 4,010,000 | 266 | --- | |
| PS29 / 3144 | | 28.08 | 2.15 | No | 24.92 | 56 | 371,356 | 256,853 | 4,595 | 860,000 | 930,000 | 1,250 | --- | |
| PS30 | | 1.14 | 0.16 | No | 2.28 | 7 | 8,204 | 1,231 | 3,598 | 2,788 | 2,844 | 8 | 125 | |
| PS31 | | 5.40 | 3.23 | No | 95.51 | 216 | --- | --- | --- | --- | --- | --- | --- | |
| | 31A / 10D | | | No | 38.60 | 75 | 96,077 | 0 | 2,489 | 220,000 | 300,000 | 1,067 | --- | |
| | 31B / 51I | | | No | 56.91 | 141 | 418,824 | 267,595 | 2,657 | 910,000 | 930,000 | 142 | --- | |

- Notes:**
1. Flow data from Cycle 2, Phase 3 Report (2016).
 2. Portions of flow data collected after November 30, 2021.
 3. NAPOT figures from RER NAPOT report dated August 2022.
 4. Capacities from RER Pump report ("Net Capacity" June 2018).

Appendix C: Sanitary Sewer Overflow Reports and Odor Complaint Records

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

2016 SSO Report

| Date | Time | Location | Cause | Volume | Discharge to Water? | Corrective action |
|------------|----------|-----------------------------|----------------------------------|----------|---------------------|--|
| 6/10/2016 | 12:56 PM | 17th and Colins Ave | Main line stoppage | 60 gal | No | Cleared stoppage and disinfect area |
| 6/10/2016 | 11:40 AM | 8305 Crespi Blvd | Grease | 35 gal | Canal | Lateral cleared of blockage |
| 6/11/2016 | 10:20 AM | 14th and Collins | Main line stoppage | 65 gal | No | Cleared stoppage and disinfect area |
| 6/12/2016 | 2:00 PM | 4585 Alton Rd | Paper towels in main line | 25 gal | No | Cleared stoppage and disinfect area |
| 6/13/2016 | 10:45 AM | 440 Ocean Dr | Main line stoppage | 72.5 gal | Storm Sewer | Cleared stoppage and disinfect area |
| 6/16/2016 | 10:30 AM | 1022 Bay Dr | Grease | 20 gal | No | Cleared stoppage and disinfect area |
| 6/17/2016 | 9:30 AM | 2233 Calais Dr | Paper towels and Grease | 10 gal | No | Cleared stoppage and disinfect area |
| 6/18/2016 | 4:10 PM | 731 Lincoln Rd | Grease | 15 gal | No | Cleared stoppage and disinfect area |
| 6/19/2016 | 10:15 AM | 2101 Calais Dr | Grease | 25 gal | No | Cleared stoppage and disinfect area |
| 6/25/2016 | 3:40 PM | 40 Island Ave | Grease | 40 gal | No | Cleared stoppage and disinfect area |
| 7/9/2016 | 9:05 PM | 440 Espanola Way | Grease | 5 gal | No | Cleared stoppage and disinfect area |
| 7/10/2016 | 8:30 AM | 413 15th Street | Grease | 25 gal | No | Lateral cleared of blockage |
| 7/11/2016 | 7:30 AM | 900 West Ave | Grease | 50 gal | No | Lateral cleared of blockage |
| 7/28/2016 | 1:45 PM | 2436 Flamingo Dr | Grease | 15 gal | Storm Sewer | Cleared stoppage and disinfect area |
| 8/8/2016 | 12:00 PM | 1605 Meridian Ave | Grease | 20 gal | No | Cleared stoppage and disinfect area |
| 8/16/2016 | 11:10 AM | Island Ave and Venitian Way | Sewer Pump Station was shut down | 35 gal | No | Pump Station repaired spill cleaned and disinfect area |
| 8/18/2016 | 9:00 AM | 1717 Collins Ave | Grease | 35 gal | Storm Sewer | Cleared stoppage and disinfect area |
| 8/21/2016 | 9:05 PM | 842 Meridian Ave | Unknown | 100 gal | No | Call Code Compliance, disinfect area, will install clean out to fix problem. |
| 8/25/2016 | 11:10 AM | 1350 W 29th St | Contractor broke Force Main | 30 gal | No | Force Main repaired, disinfect area |
| 8/31/2016 | 2:05 PM | 10th St & West Ave | Main line stoppage | 30 gal | No | Cleared stoppage and disinfect area |
| 9/1/2016 | 8:25 PM | 1100 6th Street | Grease | 5 gal | No | Cleared stoppage and disinfect area |
| 9/5/2016 | 2:30 PM | 1200 Ocean Ct | Customer Grease Tank Broke | 30 gal | No | Grease Spill cleaned and disinfected customer informed of broken tank |
| 9/8/2016 | 4:05 PM | 2760 North Bay Rd | Contractor broke Force Main | 100 gal | Storm Sewer | Repaired FM, clean and disinfect storm sewer |
| 9/14/2016 | 10:15 AM | 2135 Calais Dr | Grease | 36 gal | No | Cleared stoppage and disinfect area |
| 9/26/2016 | 7:30 AM | 1621 Pennsylvania Ave | Grease | 25 gal | No | Cleared stoppage and disinfect area |
| 10/18/2016 | 10:30 AM | 10th ST & Ocean Dr | Grease | 30 gal | No | Lateral cleared of blockage |
| 10/27/2016 | 8:45 AM | 1300 Lincoln Rd | Grease | 20 gal | Storm Sewer | Cleared stoppage and disinfect area |
| 10/31/2016 | 5:00 PM | 1615 Meridian Ave | Main line stoppage | 2 gal | No | Cleared stoppage and disinfect area |
| 10/31/2016 | 10:43 AM | 1701 Purdy Ave | Main line stoppage | 30 gal | No | Cleared stoppage and disinfect area |
| 10/31/2016 | 5:00 PM | 4812 Pine Tree Dr | Grease | 2 gal | No | Cleared stoppage and disinfect area |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records
2016 SSO Report

| Date | Time | Location | Cause | Volume | Discharge to Water? | Corrective action |
|-------------|-------------|-------------------------|--------------------|---------------|----------------------------|-------------------------------------|
| 11/3/2016 | 2:30 PM | 79th St & Abbott Ave | Grease | 15 gal | No | Cleared stoppage and disinfect area |
| 11/10/2016 | 9:30 PM | Palm Ave & Fountain St | Leaking FM | 10 gal | No | Force Main repaired, disinfect area |
| 11/19/2016 | 8:00 PM | 735 Collins Ave | Grease | 20 gal | No | Cleared stoppage and disinfect area |
| 12/1/2016 | 12:40 AM | 7801 Tatum Water Way Dr | Grease | 7 gal | No | Cleared stoppage and disinfect area |
| 12/9/2016 | 10:45 AM | 1755 Meridian Ave | Main line stoppage | 100 gal | No | Cleared stoppage and disinfect area |
| 12/19/2016 | 2:40 PM | 836 1st St | Paper | 30 gal | No | Cleared stoppage and disinfect area |
| 12/22/2016 | 3:00 PM | 5th St & Ocean Dr | Grease | 7 Gal | No | Cleared stoppage and disinfect area |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

2017 SSO Report

| Date | Time | Location | Cause | Volume | Discharge to Water? | Corrective action |
|-----------|----------|---------------------------|---|------------|---------------------|--|
| 1/3/2017 | 10:00am | 947 Lenox Ave | Paper built up & grease. | 150 Gal | No | Cleared stoppage and disinfect area |
| 1/6/2017 | 2:30PM | 1621 W24 street | MIAN LINE STOPPAGE | 300-750 | Yes | Turn off sewer station to stop flow |
| 1/6/2017 | 2:40pm | 2001 Washington Ave | Paper built up & grease. | 4 Gal | No | Cleared stoppage and disinfect area |
| 1/18/2017 | 3:30PM | 1845 BAY DR | LATERAL STOPPAGE | 5 Gal | No | SEWER IS DISCHARGE SEWER LATERAL, CLEARED STOPPAGE AND DISINFECT WITH BLEACH AND WASH AREA WITH WATER. |
| 1/21/2017 | 5:00PM | 20TH STREET COLLINS | Concrete grout clogged the main line and sewer laterals | 350 Gal | No | Disinfect with hth and clean up sewer spill. Replaced 250LF of gravity main and sewer laterals from 53 ft past Collins towards Liberty Ave. Used by-pass pumping and vaccuum sewer trucks to insure no one else backed up. |
| 1/21/2017 | 5:00PM | 1199 ALTON RD | Paper tower and grease | 75 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 2/3/2017 | 5:10pm | 16th street & Bay Road | Sewer mainline stoppage paper and grease. | 100 Gal | No | We cleared the sewer main line stoppage and cleaned up the sewer spill with bleach and water. |
| 2/5/2017 | 11:30PM | 49 COLLINS ave | Paper tower and grease | 35 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 2/7/2017 | 5:30PM | 7333 GARY ave | Paper tower and grease | 10 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 2/16/2017 | 5:21pm | 7384 Gary Ave | Main line stoppage cause by Grease. | 40 Gal | No | We cleared the sewer main line stoppage & cleaned up the sewer spill with bleach water. |
| 2/24/2017 | 6:00pm | 78th street & Collins Ave | Broken old 16" force main line. | 10,000 Gal | Yes | We turn of the sewer force main valve & did repair ti the broken 16" pipe. We cleaned up the area with H.T.H and water. We vacuum the storm drain. |
| 3/3/2017 | 10:45am | 1022 Bay Dr | Paper in the the sewer main line. | 100 Gal | No | We cleared the sewer main line stoppage & clean up the sewer spill with bleach. |
| 3/7/2017 | 1:00PM | 321 Ocean dr | Paper tower and grease | 10 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill |
| 3/7/2017 | 12:00PM | 2 south shore dr | Paper tower and grease | 10 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 3/8/2017 | 1:44pm | 516 & 531 Espanola Way | Sewer main line stoppage cause paper. | 200 Gal | No | We cleared the sewer mainline stoppage & clean up the sewer spill with bleach |
| 3/8/2017 | 1:44pm | 1717 Collins Ave | Sewer lateral stoppage. | 100 Gal | No | We cleared the sewer lateral stoppage & clean up the sewer spill with bleach. |
| 3/26/2017 | 5:00PM | 8th street Ocean ct | Paper tower and grease | 35 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 4/26/2017 | 11:00AM | 1440 OCEAN DR. | Paper tower and grease | 50 GAL | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 7/22/2017 | 5:00 PM | 4535 Royal Palm Ave | Stoppage in the sewer Lateral | 10 Gal | No | We cleared the sewer lateral stoppage with 30lf of hose |
| 7/23/2017 | 7:30 PM | 836 1st street | Stoppage cause by grease in the sewer main line. | 25 Gal | No | We cleared the sewer main line stoppage with 40lf of hose. |
| 7/23/2017 | 10:00 PM | 1960 Park Ave | Grease | 5 Gal | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 7/28/2017 | 12:27 PM | 7330 OCEAN TERRACE | Grease | 40 Gal | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 7/28/2017 | 12:27 PM | 7330 OCEAN TERRACE | Grease | 40 Gal | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 8/3/2017 | 2:27 PM | 6237 ALTON RD | Grease | 600 Gal | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 8/7/2017 | 10:45 AM | 350 Byron Ave | Stoppage cause by grease in the sewer main line. | 10 Gal | No | We cleared the sewer main line stoppage with 500lf of hose. |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

2017 SSO Report

| Date | Time | Location | Cause | Volume | Discharge to Water? | Corrective action |
|------------|----------|----------------------------|--|---------|---------------------|--|
| 8/8/2017 | 9:10 PM | 625 Michigan Ave | Stoppage cause by alot of paper in the sewer lateral. | 5 Gal | No | We cleared the sewer main line stoppage. |
| 8/9/2017 | 8:17 PM | 350 85th Street | Stoppage cause by alot of paper in the sewer lateral. | 1 Gal | No | We cleared the sewer lateral stoppage with 50lf of hose. |
| 8/14/2017 | 11:20 PM | 6989 Collins Ave | Stoppage cause by alot of paper & grease in the sewer lateral. | 50 Gal | No | We cleared the sewer Lateral stoppage & clean up the sewer spill. |
| 8/16/2017 | 6:25 PM | 1001 7th STREET | Grease | 2 GAL | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 8/18/2017 | 3:28 PM | 2360 Collins Ave | Stoppage cause by a lot of paper in the sewer lateral. | 5 Gal | No | We cleared the sewer Lateral stoppage & clean up the sewer spill. We vacuum the storm drain. |
| 9/1/2017 | 10:20 AM | FARREY LANE ISLAND AVE | Grease | 62 GAL | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 9/27/2017 | 2:40 PM | 700 78th Street | Stoppage cause by a lot of paper. | 5 Gal | No | We cleared the sewer main line stoppage. We vacuum clean up the sewer spill. |
| 10/1/2017 | 5:30 PM | 653 Michigan Ave | Stoppage by paper. | 30 Gal | No | We cleared the sewer lateral stoppage. We vacuum clean up the sewer spill. |
| 10/9/2017 | 5:10 PM | 1265 Marseille Dr | Stoppage cause by grease in the sewer main line. | 25 Gal | No | We cleared the sewer main line stoppage. |
| 10/12/2017 | 9:47 AM | 29th street & Collins Ave | Stoppage by paper. | 20 Gal | No | We cleared the sewer lateral stoppage. We vacuum clean up the sewer spill. |
| 10/15/2017 | 6:25 PM | 653 MICHIGAN AVE | Grease | 40 Gal | No | We cleared the sewer lateral line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 11/2/2017 | 9:20 AM | 21th street Washington ave | Grease | 15 Gal | No | We cleared the sewer main line stoppage main line stoppage, and clean up sewer spill with bleach and water. |
| 11/10/2017 | 8:15PM | 8040 TATUM WATER WAY | Grease | 90 Gal | No | We cleared sewer lateral stoppage, and clean up sewer spill with bleach and hth water. |
| 11/12/2017 | 5:15PM | 7740 DICKENS AVE | Grease | 75 Gal | No | We cleared sewer lateral stoppage, and clean up sewer spill with bleach and hth water. |
| 11/24/2017 | 12:28AM | 1424 ALTON RD. | Grease | 50 GAL | No | We cleared sewer lateral stoppage, and clean up sewer spill with bleach and hth water. |
| 11/30/2017 | 8:04 PM | 2101 Calais Dr | Stoppage by paper. | 10 Gal | No | We cleared the sewer main line stoppage. We vacuum clean up the sewer spill with bleach and water. |
| 12/6/2017 | 10:30 AM | 2101 Calais Dr | Stoppage by paper. | 20 Gal | No | We cleared the sewer main line stoppage. We vacuum clean up the sewer spill with bleach and water. |
| 12/19/2017 | 12:41PM | 2208 Bay dr | Paper tower and grease | 10 Gal | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 12/20/2017 | 12:33 PM | 1100 6th street | Stoppage by paper. | 3 Gal | No | We cleared the sewer lateral stoppage. We vacuum clean up the sewer spill with bleach and water. |
| 5/23/2017 | 11:00AM | 947 LENOX AVE | Paper tower and grease | 300 GAL | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 4/26/2017 | 11:00AM | 1440 OCEAN DR. | Paper tower and grease | 50 GAL | No | Main line stoppage, cleared stoppage disinfect with hth and clean up sewer spill. |
| 6/19/2017 | 8:30PM | 1850 MERIDIAN ave | Paper tower and grease | 10 gal | No | Paper tower and grease |
| 5/20/2017 | 6:00 AM | 1600 Lenox Ave | They had a plug sewer line under the building. | 90 Gal | No | We vacuum and cleaned the area with bleach & H.T.H. |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

2018 SSO Report

| Date | Time | Location | Cause | Volume | Discharge to Water? | Corrective action |
|------------|----------|----------------------------|-------------------------------------|----------|---------------------|--|
| 10/28/2018 | 9:45 PM | 1661 Jefferson Ave | Grease | 1 GAL | No | Cleared stoppage and disinfect area |
| 11/12/2018 | 10:53 AM | 1430 Lincoln Rd Ter | Grease and rags blockage | 10 GAL | No | Cleared stoppage and disinfect area |
| 5/18/2018 | 10:00 PM | 1717 Collins Ave | Paper blockage | 10 Gal | No | Cleared stoppage and disinfect area |
| 11/27/2018 | 3:45 PM | 321 Ocean Dr | Unknown | 10 Gal | No | Cleared stoppage and disinfect area |
| 5/20/2018 | 1:25 PM | 29th street/Collins Ave | Grease | 100 Gal | No | Cleared stoppage and disinfect area |
| 7/14/2018 | 8:00 PM | 2899 Collins Ave | Grease | 100 Gal | No | Cleared stoppage and disinfect area |
| 1/24/2018 | 8:45 AM | 1135 Marceille Dr | Grease blockage | 100 Gal | No | Cleared stoppage and disinfect area |
| 3/12/2018 | 2:00 PM | 1632 Meridian Ave | Paper blockage | 100 Gal | No | Cleared stoppage and disinfect area |
| 6/4/2018 | 1:12 PM | 736 Ocean Ct | Paper blockage | 110 Gal | No | Cleared stoppage and disinfect area |
| 3/24/2018 | 11:25 PM | 1000 Bay Dr | Grease | 125 Gal | No | Cleared stoppage and disinfect area |
| 1/26/2018 | 4:15 PM | 2360 Collins Ave | Grease blockage | 125 Gal | No | Cleared stoppage and disinfect area |
| 11/11/2018 | 2:00 PM | 1300 Lincoln Rd | Grease and rags blockage | 13 Gal | No | Cleared stoppage and disinfect area |
| 11/14/2018 | 5:32 PM | 1401 14th Street | Contractor damaged sewer lateral | 15 Gal | No | Repaired section of damaged lateral |
| 4/14/2018 | 10:20 PM | 21st St/Washington Ave | Grease | 15 Gal | No | Cleared stoppage and disinfect area |
| 1/3/2018 | 7:10 PM | 2101 Calais Dr | Grease blockage | 15 Gal | No | Cleared stoppage and disinfect area |
| 9/7/2018 | 10:10 AM | 2000 Park Ave | Paper blockage | 15 Gal | No | Cleared stoppage and disinfect area |
| 12/14/2018 | 10:45 AM | 2233 Calais Dr | Unknown | 15 Gal | No | Cleared stoppage and disinfect area |
| 2/25/2018 | 3:05 PM | 1615 Meridian Ave | Paper and grease blockage | 150 Gal | No | Cleared stoppage and disinfect area |
| 8/14/2018 | 11:25 PM | 719 Lincoln Rd | Grease | 2 Gal | No | Cleared stoppage and disinfect area |
| 8/30/2018 | 11:50 PM | 1701 Collins Ave | Grease | 2 Gal | No | Cleared stoppage and disinfect area |
| 4/24/2018 | 5:30 PM | 445 Ocean Dr | Main stoppage and break | 200 Gal | No | Turn off pump station to stop flow. Repaired main |
| 7/17/2018 | 7:38 PM | 19th Street/Washington Ave | Paper and grease blockage | 200 Gal | No | Grease trap overflowing. Cleared stoppage and disinfect area |
| 8/13/2018 | 10:40 PM | 321 Ocean Dr | Grease | 30 Gal | No | Cleared stoppage and disinfect area |
| 9/18/2018 | 7:18 PM | 3420 Sheridan Ave | Grease | 30 Gal | No | Cleared stoppage and disinfect area |
| 1/4/2018 | 11:20 AM | 842 1st Street | Grease blockage | 30 Gal | No | Cleared stoppage and disinfect area |
| 1/4/2018 | 6:40 PM | 8010 Tatum Waterway | Grease blockage | 30 Gal | No | Cleared stoppage and disinfect area |
| 5/19/2018 | 3:10 PM | 3500 Collins Ave | Grease | 300 Gal | No | Cleared stoppage and disinfect area |
| 11/23/2018 | 6:42 PM | 841 Lincoln Rd | Grease | 40 Gal | No | Cleared stoppage and disinfect area |
| 12/5/2018 | 1:10 PM | 350 85th Street | Grease | 40 Gal | No | Cleared stoppage and disinfect area |
| 7/21/2018 | 10:25 PM | 401 S. Shore Dr. | Force Main Break | 4000 Gal | Yes | Made repairs on Force Main |
| 5/21/2018 | 10:05 PM | 985 Bay Dr | Main line stoppage | 50 Gal | No | Cleared stoppage and disinfect area |
| 12/19/2018 | 4:35 PM | 2400 Pine Treet Dr | Main line stoppage | 50 Gal | No | Cleared stoppage and disinfect area |
| 5/12/2018 | 10:30 AM | 7955 Harding Ave | Main stoppage and break | 50 Gal | No | Turn off pump station to stop flow. Repaired main |
| 11/18/2018 | 1:50 PM | 2360 Collins Ave | Paper blockage | 50 Gal | No | Cleared stoppage and disinfect area |
| 12/27/2018 | 10:00 PM | 713 N Lincoln Ln | Building backup on private property | 60 GAL | No | Cleaned and disinfected the area |
| 6/25/2018 | 8:25 PM | 520 Jefferson Ave | Grease | 60 GAL | No | Cleared stoppage and disinfect area |
| 12/17/2018 | 6:04 PM | 1340 Lincoln Rd | Paper blockage | 60 Gal | No | Cleared stoppage and disinfect area |
| 10/27/2018 | 9:00 AM | 1664 Lenox Ave | Main line stoppage | 70 Gal | No | Cleared stoppage and disinfect area |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

2018 SSO Report

| Date | Time | Location | Cause | Volume | Discharge to Water? | Corrective action |
|------------|----------|----------------------|-------------------------|---------|---------------------|---|
| 5/7/2018 | 12:25 PM | 736 Ocean Ct | Paper blockage | 70 Gal | No | Cleared stoppage and disinfect area |
| 10/10/2018 | 8:10 AM | 6595 La Gorce Circle | Main stoppage and break | 800 Gal | No | Turn off pump station to stop flow. Repaired main |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

2019 SSO Report

| Date Discharge Started | Time Started | Location/Address | PS Basin | Discharge Caused by | Volume | Discharge Went to | Steps Taken/Corrective action | Date of last SSO |
|------------------------|--------------|---------------------------|----------|------------------------------|-------------|--------------------|---|------------------|
| 1/9/2019 | 2:27 PM | 4300 Adams Ct | 28C | Grease | 10 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 1/9/2019 | 10:59 PM | 841 Washington Ave | 1C | Grease | 25 Gal | Storm Sewer | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 1/17/2019 | 12:00 PM | 1639 Washington Ave | 11 | Grease | 10 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 2/21/2019 | 10:00 AM | 2360 Collins Ave | 11 | Grease | 30 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 2/25/2019 | 9:15 AM | 2050 N Bay Rd | 28E | Sand | 10 Gal | Public Access Area | Cleared stoppage and disinfect area | |
| 3/2/2019 | 9:25 AM | 746 Lenox Ave | 1B | Paper | 30 Gal | Public Access Area | Cleared stoppage and disinfect area | |
| 3/13/2019 | 8:00 AM | 6th Street and Jefferson | 1B | Grease | 20 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 3/13/2019 | 9:20 AM | 7705 Abbott Ave | 23A | Paper and grease blockage | 20 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 4/27/2019 | 7:01 AM | 33rd Street and Collins | 28D | Grease | 250 Gal | Storm Sewer | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 5/2/2019 | 10:47 AM | 1785 Calais Dr | 21 | Paper | 15 Gal | Public Access Area | Cleared stoppage and disinfect area | |
| 5/3/2019 | 2:36 PM | 525 Lincoln Ln North | 1C | Grease | 20 Gal | Storm Sewer | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 5/4/2019 | 8:07 PM | 1750 Marseilles Drive | 21 | Grease | 35 Gal | Storm Sewer | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 5/10/2019 | 6:55 PM | 985 Bay Drive | 1B | Paper | 25 Gal | Public Access Area | Cleared stoppage and disinfect area | |
| 5/20/2019 | 11:30 AM | 795 84th Street | 24A | Paper | 5 Gal | Public Access Area | Cleared stoppage and disinfect area | |
| 5/21/2019 | 10:12 AM | 705 Jefferson Ave | 1B | Grease | 25 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 6/5/2019 | 10:40 AM | 1515 Euclid Ave | 1C | Grease | 25 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 6/7/2019 | 10:00 AM | 10 Venitian Causeway | 10 | Broken FM due to Age of Pipe | 500 Gal | Public Access Area | Repaired force main | |
| 6/22/2019 | 6:30 PM | 3200 Collins | 28C | Grease | 300 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | 4/27/2019 |
| 7/4/2019 | 2:45 PM | 18th St and Meridian Ave | 1C | Grease | 7 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 7/21/2019 | 12:20 PM | 432 21st Street | 11 | Other | 20 Gal | Public Access Area | Cleared stoppage and disinfect area | |
| 7/25/2019 | 9:35 AM | 1430 Lincoln Rd | 1C | Other | 100 Gal | Storm Sewer | Added To Accelerated Cleaning Schedule | |
| 7/29/2019 | 10:35 AM | 7412 GARY AVE | 23C | Other | 25 Gal | Public Access Area | Added To Accelerated Cleaning Schedule | |
| 7/31/2019 | 11:00 PM | 5th St and Michigan | 1B | Contractor damaged FM | 700,000 Gal | Surface Water | Repaired force main | |
| 8/13/2019 | 12:20 PM | 1568 Meridian Ave | 1C | Grease | 10 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 8/15/2019 | 6:30 PM | 3200 Collins Ave | 28C | Grease | 300 Gal | Public Access Area | Added To Accelerated Cleaning Schedule | 6/22/2019 |
| 8/18/2019 | 12:30 PM | 5100 Pine Tree Drive | 28C | Broken Force Main | 1000 Gal | Public Access Area | Repaired force main | |
| 9/1/2019 | 2:50 PM | 301 South Shore Dr | 22A | Broken FM due to Age of Pipe | 900 Gal | Storm Sewer | Repaired force main | |
| 9/12/2019 | 11:30 AM | 3127 Indian Creek Dr | 28C | Grease | 100 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 9/25/2019 | 12:00 PM | 725 81st Street | 24A | Paper and grease blockage | 45 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 9/29/2019 | 9:46 AM | 1268 Marseilles Dr | 21 | Grease | 22 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 10/4/2019 | 9:30 AM | 1345 West Ave | 1B | Grease | 25 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 10/7/2019 | 10:00 AM | 1800 Meridian | 1C | Grease | 300 Gal | Storm Sewer | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 10/20/2019 | 4:30 PM | 2001 Washington Ave | 11 | Paper and grease blockage | 30 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 10/20/2019 | 7:30 PM | 708 71st Street | 19 | Paper and grease blockage | 20 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 10/30/2019 | 10:00 AM | 1195 Normandy Dr | 21 | Grease | 30 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 11/5/2019 | 12:45 PM | 985 Bay Drive | 1B | Grease | 20 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 11/27/2019 | 7:30 AM | 900 West Ave | 1B | Grease | 100 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 12/2/2019 | 9:30 AM | 653 Michigan Ave | 1B | Grease | 50 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 12/3/2019 | 4:00 PM | Belle Island/Venitian Way | 10 | Broken FM due to Age of Pipe | 3800 Gal | Surface Water | Repaired force main | |
| 12/9/2019 | 8:45 AM | 1605 Pennsylvania | 1C | Paper and grease blockage | 25 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |
| 12/27/2019 | 9:25 AM | 1022 Bay DR | 1B | Grease | 25 Gal | Public Access Area | Cleared stoppage and disinfect area/Reported grease to DERM | |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records
2020 SSO Report

| Date | Discharge Started | Time Started | Location/Address | PS Basin | Discharge Caused by | Volume | Discharge Went to | Steps Taken/Corrective action | Date of last SSO |
|-----------|-------------------|-------------------|------------------|---|---------------------|---------------|--|-------------------------------|------------------|
| 1/13/2020 | 11:00 AM | 40 Island Ave | Basin# 10 | Grease | 25 | Public Access | Cleaned Grease, Issolated incident | | |
| 1/24/2020 | 12:30 PM | 727 Lincoln Rd | Basin# 1C | Grease | 25 | Public Access | Cleaned Grease, Issolated incident | | |
| 2/2/2020 | 11:00 AM | 1502 Collins Ave | Basin# 11 | Grease & Paper | 25 | Public Access | Cleaned Grease, Issolated incident | | |
| 2/12/2020 | 11:41 AM | 1016 Biarritz Dr | Basin# 21 | Grease & Paper | 25 | Public Access | Cleaned Grease, Issolated incident | | |
| 3/2/2020 | 11:30 PM | 1655 Mighigan Ave | Basin# 1C | Contractor Damaged Force Main | 875,000 | Water | Flow rerouted to a parallel FM. | | |
| 3/5/2020 | 1:00 AM | 300 W 28th Street | Basin# 28C | Increased pressure due to repairs of 42" FM damaged by contractor | Unknown | Public Access | Re directed flows around the brake until repairs were completed. | | |
| 3/5/2020 | 10:30 AM | 299 72nd Street | Basin# 23 | Increased pressure due to repairs of 42" FM damaged by contractor | Unknown | Storm/Water | Re directed flows around the brake until repairs were completed. | | |
| 4/27/2020 | 8:45 AM | 905 79th Terr | Basin# 24 | Grease | 100 | Public Access | Cleaned Grease, Issolated incident | | |
| 4/27/2020 | 11:00 AM | 1409 Lincoln Rd | Basin# 1B | Grease | 20 | Public Access | Cleaned Grease, Issolated incident | | |
| 8/2/2020 | 5:30 PM | 765 Lenox Ave | Basin# 1C | Paper blocked lateral cleanout | 25 | Private Prop. | Cleared blockage, Issolated incident | | |
| 8/17/2020 | 10:30 AM | 900 West Ave | Basin# 1C | Paper blocked lateral cleanout | 25 | Private Prop. | Cleared blockage, Issolated incident | | |
| 9/2/2020 | 12:05 PM | 1365 Drexel Ave | Basin# 1C | Paper blocked lateral cleanout | 25 | Private Prop. | Cleared blockage, Issolated incident | | |
| 12/2/2020 | 8:15 AM | 245 Michigan Ave | Basin# 31B | Paper blocked lateral cleanout | 10 | Public Access | Cleared blockage, Issolated incident | | |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records
2021 SSO Report

| Date Discharge Started | Time Started | Location/Address | PS Basin | Discharge Caused by | Volume | Discharge Went to | Steps Taken/Corrective action | Date of last SSO |
|------------------------|--------------|------------------------------------|------------------|-------------------------------|-------------|-------------------|---|------------------|
| 1/1/2021 | 6:39 PM | 1610 Collins Ave | Basin 11 | Grease Trap Blockage | 100 Gal | Public Access | Area was cleaned of grease | |
| 1/4/2021 | 1:00 PM | 1300 Alton Rd | Basin 1C | Blockage in Private Property | 50 Gal | Public Access | Cleaned spill and informed property owner | |
| 1/8/2021 | 8:00 AM | 1st Street and Ocean Dr | Basin 31B | Other | 100 Gal | Public Access | Blockage was cleared and disinfected area. | |
| 1/15/2021 | 2:30 PM | 1623 Collins Ave | Basin 11 | GM Blockage due to Rags | 50 Gal | Public Access | Blockage was cleared and disinfected area. | |
| 1/18/2021 | 1:03 PM | 720 Collins Ave | Basin 1C | GM Blockage due to Rags | 150 Gal | Public Access | Cleared stoppage and cleaned spill | |
| 3/2/2021 | 10:15 AM | 1333 Dade Blvd | Basin 10, PS 10 | FM Break Undetermined | 317,000 Gal | Storm Drain | Replaced section of pipe as a temporary repair. Replacing approximately 3,600 LF of 12 inch and 6 inch FM as an Emergency replacement from PS 10 discharge to connecting point the connecting point at the 42inch FM on Dade Blv and Jefferson Ave. | |
| 5/3/2021 | 9:00 AM | 751 Meridian Ave | Basin 1C | Lateral Blockage due to Paper | 50 Gal | Public Access | Cleared blockage and disinfected area. | |
| 5/4/2021 | 8:45 AM | 2001 Washington Ave | Basin 11 | GM Blockage due to Grease | 70 Gal | Storm Sewer | Cleared grease blockage and disinfected the area. | |
| 6/1/2021 | 10:33 PM | 751 Meridian Ave | Basin 1C | Buildup of Paper in Lateral | 70 Gal | Public Access | Paper cleared and the area was disinfected. | 5/3/2021 |
| 6/10/2021 | 3:00 PM | 842 1st Street | Basin 31A | GM damaged by Comcast | 150 Gal | Storm Sewer | GM found damaged next to a newly installed Comcast Utility Box. | |
| 6/12/2021 | 7:00 PM | 751 Meridian Ave | Basin 1C | Broken Lateral | 70 Gal | Public Access | Lateral found broken during CCTV. Lateral was repaired and area cleaned. | 6/1/2021 |
| 6/23/2021 | 2:00 PM | Between Rivo Alto and Belle Island | Basin 10, PS 8 | Broken FM | 16,100 Gal | Biscayne Bay | PS shut down while crews made repairs. Force maine will be relaced and construction is expected to begin in 2022 | |
| 6/27/2021 | 7:46 PM | 1746 Meridian Ave | Basin 1C | Blockage in Private Property | 150 Gal | Public Access | Blockage in private lateral. Sewage was cleaned and property owner was advised to call a plumber to clear the blockage. | |
| 7/3/2021 | 11:00 AM | 1610 Collins Ave | Basin 11 | Grease Trap Blockage | 250 Gal | Storm Sewer | Grease trap blockage on private property. Area was cleaned and disinfected. | |
| 7/9/2021 | 11:54 AM | Waterway between Sunset 2&3 | PS 13 | Broken FM | 2,000 Gal | Biscayne Bay | Storm PS shut down. Crews were sent to contain the spill and repair the damage. | |
| 7/16/2021 | 11:25 AM | 1333 Dade Blvd | Basin 1B, PS 10 | Broken FM | 48,300 Gal | Storm Drain | Replaced section of pipe as a temporary repair. Replacing approximately 3,600 LF of 12 inch and 6 inch FM as an Emergency replacement from PS 10 discharge to connecting point the connecting point at the 42inch FM on Dade Blv and Jefferson Ave. | 3/2/2021 |
| 7/31/2021 | 7:00 PM | 860 Ocean Ct | Basin 1B | GM Blocked with Grease | 20 Gal | Public Access | Grease blockage cleaned and area disinfected. | |
| 8/24/2021 | 10:39 AM | Waterway between Sunset 2&3 | Basin 28E, PS 13 | Broken FM | 2,089 Gal | Biscayne Bay | SSO stopped and FM under design for replacement. Construction is scheduled for 2022. | 7/9/2021 |
| 9/3/2021 | 12:40 PM | Dade Blvd and Purdy Ave | Basin 10, PS 10 | Broken FM | 99,667 Gal | Biscayne Bay | Replaced section of pipe as a temporary repair. Replacing approximately 3,600 LF of 12 inch and 6 inch FM as an Emergency replacement from PS 10 discharge to connecting point the connecting point at the 42inch FM on Dade Blv and Jefferson Ave. | 6/23/2021 |
| 9/10/2021 | 7:00 AM | Dade Blvd and Purdy Ave | Basin 10, PS 10 | Broken FM | 76,667 Gal | Biscayne Bay | Replaced section of pipe as a temporary repair. Replacing approximately 3,600 LF of 12 inch and 6 inch FM as an Emergency replacement from PS 10 discharge to connecting point the connecting point at the 42inch FM on Dade Blv and Jefferson Ave. | 9/3/2021 |
| 9/13/2021 | 6:30 PM | 7900 Tatum Waterway Drive | Basin 23A | GM Blocked with Grease | 20 Gal | Public Access | Cleared blockage and disinfected area. | |
| 9/13/2021 | 9:00 AM | Waterway between Sunset 2&3 | Basin 28E, PS 13 | Broken FM by contractor | 3,700 Gal | Biscayne Bay | SSO stopped and FM under design for replacement. Construction is scheduled for 2022. | 8/24/2021 |
| 9/20/2021 | 2:23 PM | 1850 Meridian Ave | Basin 1B | GM Blocked with Grease | 50 Gal | Public Access | Cleared blockage and disinfected area. | |
| 9/25/2021 | 9:00 PM | 3201 Collins Ave | Basin 28D | GM Blocked with Grease | 200 Gal | Public Access | Cleared blockage and disinfected area. | |
| 9/27/2021 | 10:00 PM | 700 7th Street | Basin 1C | GM Blocked with Grease | 20 Gal | Public Access | Cleared blockage and disinfected area. | |
| 9/29/2021 | 2:30 PM | 710 Meridian Ave | Basin 1C | GM Blocked with Grease | 20 Gal | Public Access | Cleared blockage and disinfected area. | |
| 9/29/2021 | 4:00 PM | 8530 Byron Ave | Basin 23A | GM Blocked with Grease | 50 Gal | Public Access | Cleared blockage and disinfected area. | |
| 9/30/2021 | 4:50 PM | Dade Blvd and Purdy Ave | Basin 10, PS 10 | Broken FM | 33,750 Gal | Biscayne Bay | Replaced section of pipe as a temporary repair. Replacing approximately 3,600 LF of 12 inch and 6 inch FM as an Emergency replacement from PS 10 discharge to connecting point the connecting point at the 42inch FM on Dade Blv and Jefferson Ave. | 9/10/2021 |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records
2021 SSO Report

| Date | Discharge | Time | Location/Address | PS Basin | Discharge Caused by | Volume | Discharge | Steps Taken/Corrective action | Date of last |
|----------------|------------------|-------------|-------------------------|-----------------|-----------------------------|---------------|------------------|---|---------------------|
| Started | Started | | | | | | Went to | | SSO |
| 11/6/2021 | 8:30 PM | | 22 Washington Ave | Basin 31 | GM Blocked with Grease | 75 Gal | Public Access | Cleared blockage and disinfected area. | |
| 11/12/2021 | 11:00 AM | | 2001 Washington Ave | Basin 11 | Buildup of Paper in Lateral | 50 Gal | Public Access | Paper cleared and the area was disinfected. | |
| 11/22/2021 | 12:56 PM | | 7000 Bonita Dr | Basin 19 | Buildup of Paper in Lateral | 50 Gal | Public Access | Paper cleared and the area was disinfected. | |
| 12/1/2021 | 1:30 PM | | 448 Ocean Court | Basin 31 | Buildup of Paper in Lateral | 75 Gal | Public Access | Paper cleared and the area was disinfected. | |
| 12/8/2021 | 10:00 AM | | 2400 Pine Tree Drive | Basin 28D | GM Blockage due to Paper | 30 Gal | Public Access | Cleared stoppage and cleaned spill | |
| 12/21/2021 | 11:00 AM | | 3100 Collins Ave | Basin 28D | Buildup of Paper in Lateral | 20 Gal | Public Access | Paper cleared and the area was disinfected. | |
| 12/31/2021 | 12:36 PM | | 3437 Prairie Ave | Basin 28C | Buildup of Paper in Manhole | 30 Gal | Public Access | Cleared blockage and disinfected area. | |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

Odor Complaint Records

| RequestID | Date Initiated | Description | Priority | Category | Submit To | Dispatch To | Address | WO ID |
|-----------|---------------------|-----------------------------|----------|----------|------------------|--------------------------|---|--------|
| 29519 | 2012-11-11 05:00 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 1447 Alton Rd | |
| 31814 | 2013-01-04 02:09 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | Lummus park at 14th st | |
| 32865 | 2013-01-30 07:32 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 501 17th Street | |
| 33644 | 2013-02-19 09:38 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | Merchant One | |
| 36612 | 2013-05-01 08:20 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 320 West 26th Street | |
| 36842 | 2013-05-07 10:57 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 1033 Lenox ave | |
| 38463 | 2013-06-18 10:44 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 4328 Alton Road | |
| 41988 | 2013-09-18 07:29 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | WALDEN, IRA | 350 N SHORE DR | |
| 43101 | 2013-10-18 12:00 PM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 845 5th Street | |
| 43619 | 2013-11-18 08:17 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | RODRIGUEZ MARIO A, SEWER | 13TH ST & WASHINGTON AVE | |
| 43738 | 2013-11-25 07:42 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | RODRIGUEZ MARIO A, SEWER | 730 LINCOLN RD | |
| 43861 | 2013-12-03 11:28 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | Belle Isle - Grand Venetian to 9 Island Ave. | |
| 43912 | 2013-12-04 02:44 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 1619-1649 Florida A1A | |
| 44725 | 2013-12-23 02:04 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 8024 Tatum Waterway Drive | |
| 55114 | 2014-01-14 11:59 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 1430 Lincoln Terrace | |
| 61805 | 2014-01-24 07:15 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 40 ISLAND AVE | |
| 61809 | 2014-01-24 07:21 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 40 ISLAND AVE | |
| 66550 | 2014-01-31 07:33 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1448 WASHINGTON AV | 74096 |
| 66643 | 2014-01-31 10:28 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 901-925 Bay Drive | |
| 70704 | 2014-02-06 10:29 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 6801-6899 Brest Esplanade | |
| 74645 | 2014-02-12 08:09 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 902-908 Bay Drive | |
| 97870 | 2014-03-18 07:27 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | RODRIGUEZ MARIO A, SEWER | 40 ISLAND AVE | |
| 97872 | 2014-03-18 07:29 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | RODRIGUEZ MARIO A, SEWER | 40 ISLAND AVE | |
| 107938 | 2014-04-01 08:07 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 6850 Bay Drive | |
| 142378 | 2014-05-21 05:01 AM | Sewer odor outside building | 2 | SEWER | FAKIE, ELIE | ALVAREZ, MIKE | 1219 Pennsylvania Avenue, Unit 3 | |
| 178320 | 2014-08-19 06:53 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 770 41ST ST | |
| 178321 | 2014-08-19 06:54 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 770 W 41ST ST | |
| 183195 | 2015-02-05 05:04 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | WALDEN, IRA | 1234 6TH ST | |
| 188762 | 2015-08-28 11:48 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | WALDEN, IRA | 3455 CHASE AVE | |
| 190462 | 2015-10-26 11:14 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 1555 71st SREET | |
| 190464 | 2015-10-26 11:16 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 1555 71st street | |
| 191966 | 2015-12-17 06:55 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | WALDEN, IRA | W 63RD ST & ALTON RD | |
| 192670 | 2016-01-14 09:48 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | | 1730 NORTH VIEW DR | |
| 194309 | 2016-03-09 06:41 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | RODRIGUEZ MARIO A, SEWER | 1835 PURDY AVE | |
| 194310 | 2016-03-09 06:42 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | RODRIGUEZ MARIO A, SEWER | 1835 PURDY AVE | |
| 197448 | 2016-06-22 08:03 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | WALDEN, IRA | 47TH ST & NAUTILUS DR | |
| 198781 | 2016-08-06 10:02 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | | 7400 Gary Ave, Miami Beach, FL 33141, USA | |
| 198785 | 2016-08-08 07:53 AM | Sewer odor outside building | 2 | SEWER | PFIESTER, THOMAS | COLEY, ROY | 1075 W 46th St, Miami Beach, FL 33140 | |
| 201688 | 2016-10-15 01:48 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 1255 West Ave, Miami Beach, FL 33139, USA | 117280 |
| 201697 | 2016-10-15 05:05 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 1935 Park Ave Miami Beach FL 33139 | 116903 |
| 202619 | 2016-11-13 05:04 AM | Sewer odor outside building | 2 | SEWER | PAYNE, STANLEY | COLLADO, JESUS | 4180 Nautilus Dr, Miami Beach, FL 33140, USA | 118268 |
| 203060 | 2016-12-01 06:16 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 3455 Chase Ave, Miami Beach, FL 33140, USA | 118952 |
| 203432 | 2016-12-14 09:40 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | RODRIGUEZ MARIO A, SEWER | 3 Island Ave, Miami Beach, FL 33139, USA | |
| 204123 | 2017-01-09 08:13 AM | Sewer odor outside building | 2 | SEWER | MINCY, ANTHONY | PEREZ, JR. ALFREDO | 420 Lincoln Rd, Miami Beach, FL 33139 | |
| 204243 | 2017-01-12 01:42 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | KIRBY, KARL | 4701 Alton Rd, Miami Beach, FL 33140, USA | 120228 |
| 204558 | 2017-01-24 02:28 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | KIRBY, KARL | 1800 71st St, Miami Beach, FL 33141, USA | |
| 204826 | 2017-02-01 12:13 PM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | KIRBY, KARL | 1061 Michigan Ave, Miami Beach, FL 33139, USA | |

Odor Complaint Records

| RequestID | Date Initiated | Description | Priority | Category | Submit To | Dispatch To | Address | WO ID |
|-----------|---------------------|-----------------------------|----------|----------|--------------------|--------------------|---|--------|
| 204921 | 2017-02-03 11:36 AM | Sewer odor outside building | 2 | SEWER | PAYNE, STANLEY | COLLADO, JESUS | 600 Ocean Dr, Miami Beach, FL 33139, USA | 121265 |
| 205134 | 2017-02-10 07:06 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 150 Ocean Ct, Miami Beach, FL 33139, USA | 121296 |
| 205168 | 2017-02-13 02:53 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | KIRBY, KARL | 1231 14th St, Miami Beach, FL 33139, USA | 121388 |
| 205498 | 2017-02-27 01:06 AM | Sewer odor outside building | 2 | SEWER | PAYNE, STANLEY | COLLADO, JESUS | 626 Lincoln Rd, Miami Beach, FL 33139, USA | 121907 |
| 205759 | 2017-03-08 11:35 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 2217 Normandy Dr, Miami Beach, FL 33141, USA | 122037 |
| 205987 | 2017-03-15 06:13 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 4567 Jefferson Ave, Miami Beach, FL 33140, USA | 122373 |
| 206318 | 2017-03-27 12:19 PM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 310 N Shore Dr, Miami Beach, FL 33141, USA | 122637 |
| 207200 | 2017-04-26 03:38 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | KIRBY, KARL | 1151-1213 10th St Miami Beach FL 33139 | 123724 |
| 207257 | 2017-04-28 11:26 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 5926 Lagorce Dr, Miami Beach, FL 33140, United States | 123723 |
| 207676 | 2017-05-13 08:30 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 1301 Dade Blvd, Miami Beach, FL 33139, USA | 124174 |
| 209037 | 2017-06-28 09:29 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1680 Collins Ave, Miami Beach, FL 33139, USA | |
| 209290 | 2017-07-07 09:46 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 6575 Allison Rd, Miami Beach, FL 33141, USA | |
| 210518 | 2017-08-15 03:22 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 1800 Bay Rd, Miami Beach, FL 33139, USA | |
| 210793 | 2017-08-22 03:12 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 4557 Jefferson Ave, Miami Beach, FL 33140, USA | |
| 211154 | 2017-08-31 04:03 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 3630 Flamingo Dr, Miami Beach, FL 33140, USA | 128178 |
| 213195 | 2017-11-14 03:58 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, PERCIVAL | BALGOBIN, PERCIVAL | 1220 Michigan Ave, Miami Beach, FL 33139, USA | 130786 |
| 213910 | 2017-12-07 04:42 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 766 W 41st St, Miami Beach, FL 33140, USA | 131811 |
| 214370 | 2017-12-22 09:42 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1100 West Ave, Miami Beach, FL 33139 | |
| 215926 | 2018-02-12 04:40 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 1717 Daytonia Rd, Miami Beach, FL 33141, USA | |
| 216501 | 2018-03-05 03:45 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 1801 Purdy Ave, Miami Beach, FL 33139, USA | 135309 |
| 216777 | 2018-03-13 07:30 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 424 W Dilido Dr, Miami Beach, FL 33139, USA | 135512 |
| 217419 | 2018-04-03 12:17 PM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1420 Washington Ave, Miami Beach, FL 33139, USA | |
| 217443 | 2018-04-04 08:35 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 1920 Sunset Dr, Miami Beach, FL 33139, USA | 136689 |
| 217575 | 2018-04-09 10:17 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 1730 N View Dr, Miami Beach, FL 33140, USA | |
| 218101 | 2018-04-24 11:50 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 542 W 41st St, Miami Beach, FL 33140, USA | |
| 219786 | 2018-06-07 11:25 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 941 4th St, Miami Beach, FL 33139 | |
| 219832 | 2018-06-08 12:14 PM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 1201-1205 6th St Miami Beach FL 33139 | 139638 |
| 220081 | 2018-06-15 11:23 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 325 71st St, Miami Beach, FL 33141, USA | |
| 220107 | 2018-06-15 03:34 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 1053 Jefferson Ave, Miami Beach, FL 33139, USA | |
| 220160 | 2018-06-18 02:10 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 4201 Meridian Ave, Miami Beach, FL 33140, USA | |
| 221106 | 2018-07-18 11:02 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 3010 N Bay Rd, Miami Beach, FL 33139, USA | |
| 221152 | 2018-07-19 09:53 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 4318 Alton Rd, Miami Beach, FL 33140, USA | |
| 221339 | 2018-07-25 11:38 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 345 Michigan Ave | |
| 221770 | 2018-08-06 09:58 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 3455 Chase Ave, Miami Beach, FL 33140, USA | 142323 |
| 222368 | 2018-08-23 10:24 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | COLLADO, JESUS | 940 OCEAN DR | 142994 |
| 222710 | 2018-09-03 03:43 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 210 N Coconut Ln, Miami Beach, FL 33139 | |
| 222843 | 2018-09-06 11:28 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 320 Jefferson Ave, Miami Beach, FL 33139, USA | |
| 222956 | 2018-09-11 11:19 AM | Sewer odor inside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1442 Alton Rd, Miami Beach, FL 33139, USA | |
| 224660 | 2018-11-02 11:58 AM | Sewer odor inside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 248 Washington Ave, Miami Beach, FL 33139, USA | |
| 224673 | 2018-11-02 07:06 AM | Sewer odor outside building | 2 | SEWER | Francis, Junior | | 2814 Collins Ave, Miami Beach, FL 33140, USA | |
| 224706 | 2018-11-05 09:48 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 3rd St & Washington Ave | |
| 224892 | 2018-11-09 11:32 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1680 Collins Ave, Miami Beach, FL 33139, USA | |
| 224921 | 2018-11-10 10:25 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | WALDEN, IRA | 1680 COLLINS AVE | |
| 225561 | 2018-11-30 05:47 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 1051 Jefferson Ave, Miami Beach, FL 33139, USA | |
| 226182 | 2018-12-19 09:37 AM | Sewer odor outside building | 2 | SEWER | Francis, Junior | | 3121 N Bay Rd, Miami Beach, FL 33140, USA | |
| 226314 | 2018-12-24 09:56 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 2800 Pine Tree Dr, Miami Beach, FL 33140 | |
| 226362 | 2018-12-26 12:19 PM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 17th St & West Ave | |

Odor Complaint Records

| RequestID | Date Initiated | Description | Priority | Category | Submit To | Dispatch To | Address | WO ID |
|-----------|---------------------|-----------------------------|----------|----------|--------------------|---------------------|---|--------|
| 226481 | 2018-12-31 05:33 AM | Sewer odor outside building | 2 | SEWER | BALGOBIN, JOSHUA | BALGOBIN, JOSHUA | 2001 Washington Ave, Miami Beach, FL 33139, USA | |
| 227178 | 2019-01-23 09:41 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 1051 JEFFERSON AVE | |
| 227835 | 2019-02-08 03:39 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 260 Washington Ave, Miami Beach, FL 33139 | |
| 227845 | 2019-02-08 05:25 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 5100 Pine Tree Dr, Miami Beach, FL 33140, USA | |
| 228156 | 2019-02-18 04:35 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 300 W 28th St, Miami Beach, FL 33140, USA | |
| 228320 | 2019-02-21 04:05 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 300 Euclid Ave, Miami Beach, FL 33139, USA | |
| 228351 | 2019-02-22 01:09 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 424 W Dilido Dr, Miami Beach, FL 33139, USA | |
| 228371 | 2019-02-24 10:46 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 300 Euclid Ave, Miami Beach, FL 33139, USA | |
| 229431 | 2019-03-25 03:16 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | Meridian Ct Miami Beach 33139 | |
| 229660 | 2019-04-02 09:49 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | Miami Beach 33139 | |
| 230047 | 2019-04-15 11:12 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 2330 Prairie Ave, Miami Beach, FL 33140, USA | 152451 |
| 230096 | 2019-04-16 11:34 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 859 W 47th St, Miami Beach, FL 33140, USA | 152449 |
| 230245 | 2019-04-21 10:23 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 753 Lenox Ave Miami Beach, FL 33139, USA | 152582 |
| 230341 | 2019-04-23 04:48 AM | Sewer odor inside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 1792 71st St, Miami Beach, FL 33141, USA | |
| 230542 | 2019-04-29 06:00 AM | Sewer odor inside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 4318 Alton Rd, Miami Beach, FL 33140, USA | |
| 230634 | 2019-05-01 09:18 AM | Sewer odor inside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 3020 Alton Rd, Miami Beach, FL 33140, USA | 153068 |
| 230646 | 2019-05-01 11:38 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 945 MERIDIAN AVE | |
| 230714 | 2019-05-03 01:35 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 3020 ALTON RD | |
| 230725 | 2019-05-03 04:42 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 3020 Alton Rd, Miami Beach, FL 33140, USA | |
| 230891 | 2019-05-08 04:34 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 6307 Allison Rd, Miami Beach, FL 33141, USA | |
| 230999 | 2019-05-11 05:40 AM | Sewer odor inside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 390 Alton Rd Suit B, Miami Beach, FL 33139 | |
| 231150 | 2019-05-15 10:53 AM | Sewer odor inside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 301 N Hibiscus Dr, Miami Beach, FL 33139, USA | |
| 231789 | 2019-06-03 02:34 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1439 Alton Rd, Miami Beach, FL 33139, USA | |
| 232189 | 2019-06-13 08:44 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 4400 Royal Palm Ave, Miami Beach, FL 33140, USA | |
| 232378 | 2019-06-19 11:38 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | Meridian Ct Miami Beach 33139 | |
| 232596 | 2019-06-25 10:19 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 1051 JEFFERSON AVE | |
| 232742 | 2019-06-28 02:27 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1700 Collins Ave, Miami Beach, FL 33139, USA | |
| 232759 | 2019-06-30 06:18 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 1020 Meridian Ave, Miami Beach, FL 33139, USA | |
| 233686 | 2019-07-28 06:58 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 360 Meridian Ave, Miami Beach, FL 33139, USA | |
| 233973 | 2019-08-04 05:16 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 1020 Meridian Ave, Miami Beach, FL 33139, USA | |
| 234405 | 2019-08-14 09:51 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 115 3rd St, Miami Beach, FL 33139, USA | |
| 234549 | 2019-08-16 09:28 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 1000 W 47th St, Miami Beach, FL 33140, USA | |
| 235920 | 2019-09-25 07:26 AM | Sewer odor outside building | 2 | SEWER | PAYNE, STANLEY | GARDNER, KEIYATTA G | 1000 W 47th Ct, Miami Beach, FL 33140, USA | 159808 |
| 236013 | 2019-09-27 12:26 PM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 6362 Collins Ave, Miami Beach, FL 33141, USA | |
| 236096 | 2019-09-30 03:22 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 6362 Collins Ave, Miami Beach, FL 33141, USA | |
| 236110 | 2019-09-30 04:03 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 4717 N Bay Rd, Miami Beach, FL 33140, USA | |
| 236212 | 2019-10-02 02:35 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | Pine Tree Dr & W 63rd St, Miami Beach, FL 33141, USA | |
| 236748 | 2019-10-16 10:49 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 2000 Collins Ave, Miami Beach, FL 33139, USA | |
| 236965 | 2019-10-22 10:10 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 4400 Royal Palm Ave, Miami Beach, FL 33140, USA | |
| 237600 | 2019-11-06 08:31 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 1735 Alton Rd, Miami Beach, FL 33139, USA | |
| 237842 | 2019-11-13 11:33 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1300 Collins Ave, Miami Beach, FL 33139, USA | |
| 237971 | 2019-11-17 05:38 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | Indian Creek Dr & 29th St, Miami Beach, FL 33140, USA | |
| 238034 | 2019-11-18 04:49 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 310 N Shore Dr, Miami Beach, FL 33141, USA | |
| 238254 | 2019-11-22 05:30 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 424 W Dilido Dr, Miami Beach, FL 33139, USA | |
| 238410 | 2019-12-01 08:54 AM | Sewer odor outside building | 2 | SEWER | COLLADO, JESUS | GARDNER, KEIYATTA G | 412 Española Way, Miami Beach, FL 33139, USA | 162244 |
| 238526 | 2019-12-04 06:11 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 1450 Lincoln Rd, Miami Beach, FL 33139, USA | |
| 238527 | 2019-12-04 06:59 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 1450 Lincoln Rd, Miami Beach, FL 33139, USA | |

Odor Complaint Records

| RequestID | Date Initiated | Description | Priority | Category | Submit To | Dispatch To | Address | WO ID |
|-----------|---------------------|-----------------------------|----------|----------|-------------------|---------------------|--|--------|
| 238770 | 2019-12-12 09:14 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | KIRBY, KARL | 3121 N Bay Rd, Miami Beach, FL 33140, USA | |
| 239223 | 2019-12-28 02:41 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | KIRBY, KARL | 7430 Collins Ave, Miami Beach, FL 33141, USA | |
| 239301 | 2020-01-02 08:50 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 912 4th St, Miami Beach, FL 33139, USA | 163144 |
| 239772 | 2020-01-16 02:39 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 2008 Meridian Ave, Miami Beach, FL 33139 | |
| 239954 | 2020-01-24 12:09 PM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 5700 Alton Rd, Miami Beach, FL 33140, USA | |
| 239974 | 2020-01-24 04:43 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 5700 Alton Rd, Miami Beach, FL 33140, USA | |
| 240575 | 2020-02-12 02:51 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 540 W 31st St, Miami Beach, FL 33140, USA | |
| 240823 | 2020-02-20 10:47 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 8011 Crespi Boulevard Miami Beach 33141 | |
| 241028 | 2020-02-27 05:38 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1517 Alton Rd, Miami Beach, FL 33139, USA | |
| 241142 | 2020-03-03 02:43 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 3010 N Bay Rd, Miami Beach, FL 33140, USA | |
| 241160 | 2020-03-04 11:41 AM | Sewer odor inside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1405 Daytonia Rd, Miami Beach, FL 33141, USA | |
| 241185 | 2020-03-05 03:22 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 3010 N Bay Rd, Miami Beach, FL 33140, USA | |
| 241395 | 2020-03-12 04:49 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 300 EUCLID AVE | |
| 241479 | 2020-03-16 04:56 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 900 Meridian Ave, Miami Beach, FL 33139, USA | |
| 241577 | 2020-03-20 08:37 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | Collins Ave & W 63rd St, Miami Beach, FL 33141, USA | |
| 241600 | 2020-03-23 10:26 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1531 22nd St, Miami Beach, FL 33140, USA | 167259 |
| 241656 | 2020-03-25 02:45 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | W 31st St & Royal Palm Ave, Miami Beach, FL 33140, USA | |
| 241745 | 2020-03-30 06:08 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4423 Alton Rd, Miami Beach, FL 33140, USA | |
| 241769 | 2020-03-31 10:04 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 3RD ST & WASHINGTON AVE | |
| 241848 | 2020-04-03 09:04 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 300 Euclid Ave, Miami Beach, FL 33139, USA | |
| 241865 | 2020-04-04 06:39 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 3rd St & Washington Ave, Miami Beach, FL 33139, USA | |
| 241978 | 2020-04-13 08:43 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4332 COLLINS AVE | |
| 241979 | 2020-04-13 08:47 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 3443 N Meridian Ave Miami Beach 33140 | |
| 242223 | 2020-04-22 09:52 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 2131 Calais Dr, Miami Beach, FL 33141, USA | |
| 242424 | 2020-05-03 01:43 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 3rd St, Miami Beach, FL 33139, USA | |
| 242579 | 2020-05-09 11:28 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 424 W Dilido Dr, Miami Beach, FL 33139, USA | |
| 242677 | 2020-05-14 03:24 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4333 INDIAN CREEK DR | |
| 242690 | 2020-05-15 11:26 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 300 EUCLID AVE | |
| 242850 | 2020-05-21 04:55 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4332 Collins Ave Miami Beach 33140 | |
| 242873 | 2020-05-22 03:40 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 2179 Meridian Ave, Miami Beach, FL 33139, USA | |
| 243024 | 2020-05-26 03:44 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1370 Washington Ave, Miami Beach, FL 33139, USA | |
| 243025 | 2020-05-26 03:49 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1421 Alton Rd, Miami Beach, FL 33139, USA | |
| 243039 | 2020-05-26 05:45 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 723 Lincoln Ln N, Miami Beach, FL 33139, USA | |
| 243128 | 2020-05-27 03:29 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1042 W 47TH CT | |
| 243633 | 2020-06-15 08:58 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1411 Stillwater Dr, Miami Beach, FL 33141, USA | |
| 243642 | 2020-06-15 09:36 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 610 8th St, Miami Beach, FL 33139 | 170529 |
| 243662 | 2020-06-15 01:28 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4430 Alton Rd, Miami Beach, FL 33140, USA | |
| 243829 | 2020-06-22 09:01 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 801 South Pointe Dr, Miami Beach, FL 33139 | |
| 243886 | 2020-06-24 10:53 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 7301 Carlyle Ave, Miami Beach, FL 33141, USA | |
| 244202 | 2020-07-09 09:42 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 834 83rd St, Miami Beach, FL 33141, USA | |
| 244273 | 2020-07-13 09:35 AM | Bad Odor from Catch Basin | 1 | SEWER | Butler, Nickholas | WALDEN, IRA | 2377 COLLINS AVE | 171589 |
| 244389 | 2020-07-20 09:19 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1560 DAYTONIA RD | |
| 244391 | 2020-07-20 09:25 AM | Sewer odor inside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1560 Daytonia Rd, Miami Beach, FL 33141, USA | |
| 244407 | 2020-07-20 03:20 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | 1051 JEFFERSON AVE | |
| 244436 | 2020-07-21 05:38 AM | Sewer odor outside building | 2 | SEWER | THOMAS, CHAQUENTA | GARDNER, KEIYATTA G | Nautilus Dr & W 42nd St, Miami Beach, FL 33140, USA | 171779 |
| 244595 | 2020-07-29 10:48 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1810 Daytonia Rd, Miami Beach, FL 33141, USA | |
| 244741 | 2020-08-04 04:27 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 1020 Meridian Ave, Miami Beach, FL 33139, USA | |

Odor Complaint Records

| RequestID | Date Initiated | Description | Priority | Category | Submit To | Dispatch To | Address | WO ID |
|-----------|---------------------|-----------------------------|----------|----------|--------------------|--------------------------|---|--------|
| 244825 | 2020-08-07 10:10 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 2360 Alton Rd, Miami Beach, FL 33140, USA | |
| 244881 | 2020-08-10 12:00 PM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 2360 ALTON RD | |
| 244913 | 2020-08-12 08:23 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 451 Dade Blvd, Miami Beach, FL 33139, USA | |
| 245094 | 2020-08-19 07:58 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | Euclid Ave & 3rd St, Miami Beach, FL 33139, USA | |
| 245318 | 2020-08-28 09:48 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 5th St, Miami Beach, FL 33139, USA | |
| 245550 | 2020-09-10 09:07 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 875 W 46th St, Miami Beach, FL 33140, USA | |
| 245623 | 2020-09-11 02:52 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4960 Lakeview Dr, Miami Beach, FL 33140, USA | |
| 246098 | 2020-09-30 01:59 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 300 Alton Rd, Miami Beach, FL 33139, USA | |
| 246455 | 2020-10-13 06:40 AM | Sewer odor outside building | 2 | SEWER | BOODOO, RANDY | PEREZ, JR. ALFREDO | OCEAN DR & 3RD ST | |
| 246885 | 2020-10-23 10:54 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | Lenox Ave & 14th St, Miami Beach, FL 33139, USA | |
| 247286 | 2020-11-04 04:57 AM | Sewer odor outside building | 2 | SEWER | Butler, Nickholas | WALDEN, IRA | 4435 NAUTILUS DR | |
| 248112 | 2020-11-23 02:23 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 3166 N BAY RD | |
| 249447 | 2021-01-13 09:13 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | KIRBY, KARL | 635 FAIRWAY DR | |
| 249465 | 2021-01-13 05:43 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | TORRES, HIRAM | 5147 N BAY RD | |
| 249519 | 2021-01-15 10:27 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | KIRBY, KARL | 2633 PINE TREE DR | |
| 249849 | 2021-01-29 04:49 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | TORRES, HIRAM | 1800 BAY RD | |
| 249853 | 2021-01-30 07:54 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | BOODOO, RANDY | 300 EUCLID AVE | |
| 250040 | 2021-02-05 12:27 PM | Sewer odor outside building | 1 | SEWER | WALDEN, IRA | RODRIGUEZ MARIO A, SEWER | 1800 BAY RD | |
| 250707 | 2021-02-28 05:40 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | IGLESIAS JR., JUAN JR | 4261 ALTON RD | |
| 251077 | 2021-03-13 01:32 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | KIRBY, KARL | 1611 ALTON CT | |
| 251599 | 2021-04-07 12:31 PM | Sewer odor outside building | 2 | SEWER | THOMAS, CHAQUENTA | GARDNER, KEIYATTA G | 320 N SHORE DR | |
| 251935 | 2021-04-20 10:38 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | PINNOCK, AINSWORTH | 2300 COLLINS AVE | |
| 252250 | 2021-05-04 04:05 AM | Sewer odor inside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1220 MICHIGAN AVE | |
| 252321 | 2021-05-06 07:19 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 2173 N BAY RD, Miami Beach, 33140-4551 | |
| 252600 | 2021-05-19 12:49 PM | Sewer odor outside building | 2 | SEWER | NUNEZ, KRISTINA | RODRIGUEZ MARIO A, SEWER | 514 W 41 ST, Miami Beach, 33140-3510 | |
| 252812 | 2021-05-27 04:32 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 4465 N BAY RD, Miami Beach, 33140-2858 | |
| 252857 | 2021-05-31 03:50 AM | Sewer odor inside building | 2 | SEWER | NUNEZ, KRISTINA | IGLESIAS JR., JUAN JR | 3455 CHASE AVE, Miami Beach, 33140-3416 | 184810 |
| 252971 | 2021-06-05 09:48 AM | Bad Odor from Catch Basin | 3 | SEWER | WALDEN, IRA | NUNEZ, HERIBERTO | 2962 ALTON RD | |
| 253298 | 2021-06-16 02:48 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | TORRES, HIRAM | 3400 COLLINS AVE | |
| 253659 | 2021-06-29 04:42 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 8233 Harding Ave, Miami Beach, FL 33141 | |
| 255007 | 2021-08-19 01:14 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1575 ALTON RD | |
| 255131 | 2021-08-24 07:13 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | BOODOO, RANDY | 1051 JEFFERSON AVE | |
| 255296 | 2021-08-30 04:26 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1935 West Ave, Miami Beach, FL 33139 | |
| 255524 | 2021-09-08 05:30 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 4700 ALTON RD | |
| 256045 | 2021-09-29 02:49 AM | Sewer odor outside building | 1 | SEWER | WALDEN, IRA | WALDEN, IRA | 4421 POST AVE | |
| 256567 | 2021-10-22 04:29 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1430 OCEAN DR | |
| 256655 | 2021-10-26 12:52 PM | Sewer odor inside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 4595 MERIDIAN AVE | 190863 |
| 256864 | 2021-11-04 02:17 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1575 Alton Road | |
| 257097 | 2021-11-14 05:21 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 3121 N BAY RD | 191519 |
| 257195 | 2021-11-18 10:44 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 2316 BAY DR | 191662 |
| 257289 | 2021-11-22 05:56 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1000 W 47th St, Miami Beach, FL 33140, USA | |
| 257329 | 2021-11-23 04:17 AM | Sewer odor inside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1433 22nd St, | |
| 257367 | 2021-11-26 10:14 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 3121 N BAY RD | |
| 257705 | 2021-12-09 11:07 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 7921 NOREMAC AVE | |
| 258003 | 2021-12-23 09:02 AM | Sewer odor inside building | 2 | SEWER | PEREZ, JR. ALFREDO | BOODOO, RANDY | 2633 Pine Tree Dr, Miami Beach, FL 33140, USA | |
| 258011 | 2021-12-25 05:21 AM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | BOODOO, RANDY | 101 E DI LIDO DR | |
| 258104 | 2021-12-30 03:59 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 77th St, | |

Appendix C - Sanitary Sewer Overflow Reports and Odor Complaint Records

Odor Complaint Records

| RequestId | Date Initiated | Description | Priority | Category | Submit To | Dispatch To | Address | WO ID |
|-----------|---------------------|-----------------------------|----------|----------|--------------------|--------------------|--|--------|
| 258115 | 2022-01-01 12:01 PM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 5900 COLLINS AVE | |
| 258739 | 2022-01-31 01:39 AM | Sewer odor outside building | 1 | SEWER | WALDEN, IRA | WALDEN, IRA | 1531 W 22ND ST | 194477 |
| 258843 | 2022-02-04 02:42 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1424 20TH ST | |
| 259156 | 2022-02-17 05:36 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 542 W 41ST ST | |
| 259179 | 2022-02-19 11:04 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 2173 N BAY RD | |
| 259982 | 2022-03-29 08:41 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 2173 N BAY RD | |
| 260926 | 2022-05-16 09:24 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1020 MERIDIAN AVE | |
| 261527 | 2022-06-08 06:19 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1517 WASHINGTON AVE | |
| 261949 | 2022-06-29 12:56 PM | Sewer odor outside building | 2 | SEWER | PEREZ, JR. ALFREDO | PEREZ, JR. ALFREDO | 3rd St & Washington Ave, Miami Beach, FL 33139 | |
| 262015 | 2022-07-03 10:43 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 3455 CHASE AVE | 199658 |
| 262237 | 2022-07-18 12:23 PM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 8011 CRESPI BLVD | |
| 262910 | 2022-08-18 05:16 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 7271 GARY AVE | |
| 263087 | 2022-08-26 12:58 PM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 349 Meridian Ave, Miami Beach, FL 33139, USA | |
| 263251 | 2022-09-02 03:28 AM | Sewer odor outside building | 2 | SEWER | WALDEN, IRA | WALDEN, IRA | 1750 W 24 ST | |
| 263375 | 2022-09-09 03:23 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 224 2 ST | |
| 263407 | 2022-09-12 12:48 PM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 1750 W 24TH ST | |
| 263694 | 2022-09-23 12:30 PM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | FLAMINGO DR & W 25TH ST | |
| 263828 | 2022-09-28 06:36 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 350 85TH ST | |
| 264262 | 2022-10-15 02:57 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 6910 INDIAN CREEK DR | |
| 264520 | 2022-10-25 06:09 AM | Sewer odor outside building | 2 | SEWER | KIRBY, KARL | WALDEN, IRA | 8329 BYRON AVE | |

Appendix D: Corrective Action Plan

Appendix D1 - Smoke Testing

| UTILITY SSES 3rd CYCLE SMOKE TESTS - DERM PUBLIC (ROW) AND PRIVATE DEFECTS REPORT Utility Name: City of Miami Beach PSU #: 02 Report Date: 11/19/2021 City Representative Name: Patricia L. Rendon Revised 9/21/21-PA - DERM | | | | | | | | | |
|---|--------------------------|---|------------------------------|---------------------------|------------------------------|-----------------------------------|------------------------------|---|--|
| Basin # | Smoke Test Report - Date | Private Defect (Observation #: Description) | Private Defect Address | Defect Private / ROW | Facility ID/ Correction Done | Corrective Action to be performed | Work Order # (if Applicable) | Date of Corrective Action performed/completed | Comments |
| 22A | 1/11/2021 | OBS 3: Cracked Cap | OBS 3: 330 N Shore Dr | Private | SWR_GRV_4972 | Replace Sewer Cleanout Cap | 179137 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 4: Missing CO Cap | OBS 4: 271 N Shore Dr | Private | SWR_GRV_4972 | Replace Sewer Cleanout Cap | 179138 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 4: Broken CO Cap | OBS 4: 790 N Shore Dr | Private | SWR_GRV_8184 | Replace Sewer Cleanout Cap | 179139 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 4: Broken CO Cap | OBS 4: 790 N Shore Dr | Private | SWR_GRV_8184 | Replace Sewer Cleanout | 179141 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 3: Broken CO Cap | OBS 3: 835 N Shore Dr | Private | SWR_GRV_8186 | Replace Sewer Cleanout Cap | 179142 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 3: Broken CO Cap | OBS 3: 835 N Shore Dr | Private | SWR_GRV_8186 | Replace Sewer Cleanout | 179143 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 2: Broken CO Cap | OBS 2: 860 N Shore Dr | Private | SWR_GRV_8184 | Replace Sewer Cleanout | 179144 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 2: Missing CO Cap | OBS 2: 1030 N Shore Dr | Private | SWR_GRV_8180 | Repair Sewer Cleanout | 179145 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 1: Broken CO Cap | OBS 1: 873 N Shore Dr | Private | SWR_GRV_8184 | Replace Sewer Cleanout | 179146 | 1/12/2021 | |
| 22A | 1/11/2021 | OBS 1: Broken CO Cap | OBS 1: 1001 N Shore Dr | Private | SWR_GRV_8180 | Repair Sewer Cleanout | 179149 | 1/12/2021 | |
| 1A | 3/15/2021 | OBS 1: Missing CO Cap | OBS 1: 394 S Hibiscus Dr | Private | SWR_GRV_8141 | Replace Sewer Cleanout Cap | 181825 | 3/18/2021 | |
| 1A | 3/15/2021 | OBS 2: Missing CO Cap | OBS 2: 405 N Hibiscus Dr | Private | SWR_GRV_5511 | Replace Sewer Cleanout Cap | 181826 | 3/18/2021 | |
| 1A | 3/15/2021 | OBS 1: Missing CO Cap | OBS 1: 405 N Hibiscus Dr | Private | SWR_GRV_5511 | Replace Sewer Cleanout Cap | 181839 | 3/18/2021 | |
| 1A | 3/16/2021 | OBS 1: Missing CO Cap | OBS 1: 120 Palm Ave | Private | SWR_GRV_5553 | Replace Sewer Cleanout Cap | 181840 | 3/18/2021 | |
| 19 | 3/2/2021 | OBS 3: Visible Smoke | OBS 3: 500 Byron Ave | ROW | SWR_GRV_942 | Repair Lateral Line | 182117 | 4/6/2021 | |
| 28C | 3/17/2021 | OBS 1: Visible Smoke | OBS 1: 2123 Meridian Ave | ROW | SWR_GRV_1419 SWR_LTR_6196 | Repair Lateral Line | 182265 | 4/16/2021 | |
| 10 | 3/11/2021 | OBS 1: Visible Smoke | OBS 1: 327 E Dilido Dr | ROW | SWR_GRV_6267 | Repair Lateral Line | 182315 | 4/6/2021 | Repairs were done to CO and lateral on the ROW side open trench. No further CCTV needed. |
| 28C | 3/22/2021 | OBS 1: Missing CO Cap | OBS 1: 555 Prairie Ave | Private | SWR_GRV_1373 | Repair Sewer Cleanout | 183863 | 5/10/2021 | Defect was flagged by CMB as sewer cleanout needing repairs. |
| 28E | 5/10/2021 | OBS 1: Broken CO Cap | OBS 1: 1443 W 21st St | ROW | SWR_LTR_17929 | Repair Sewer Cleanout | 184148 | 5/24/2021 | |
| 1B | 5/21/2021 | OBS 1: Visible Smoke | OBS 1: Flamingo Way/West Ave | ROW | SWR_GRV_546 | Repair Gravity Main | 184374 | 6/12/2021 | Repairs done to conflict structure. No need for CCTV. |
| 23A | 12/17/2020 | OBS 3: Broken CO Cap | OBS 3: 83 Collins Ct | ROW | SWR_GRV_2711 | Replace Sewer Cleanout Cap | 184454 | 6/1/2021 | |
| 21 | 1/28/2021 | OBS 1: Broken CO Cap | OBS 1: 1425 Everglades Ct | ROW | SWR_GRV_5289 | Replace Sewer Cleanout Cap | 184455 | 6/1/2021 | |
| 21 | 1/29/2021 | OBS 1: Missing CO Cap | OBS 1: 924 71st St | Private | SWR_GRV_5380 | Replace Sewer Cleanout Cap | 184456 | 6/1/2021 | Observation 2 was in Private Property parking lot and not ROW. Observation 1 was in an easement and |
| 23A | 12/17/2020 | OBS 1: Missing CO Cap | OBS 1: 8400 Harding Ave | Private | SWR_GRV_2647 | Replace Sewer Cleanout Cap | 184472 | 6/11/2021 | |
| 23A | 12/17/2020 | OBS 2: Visible Smoke | OBS 2: 8400 Harding Ave | ROW | SWR_GRV_2647 | Replace Sewer Cleanout Cap | 184472 | 6/11/2021 | |
| 23A | 1/5/2021 | OBS 1: Visible Smoke | OBS 1: 7725 Carlyle Ave | Border of ROW and Private | SWR_LTR_14910 | Replace Lateral Line | 184479 | 6/8/2021 | |
| 21 | 1/25/2021 | OBS 1: Visible Smoke | OBS 1: 1919 Bay Dr | ROW | SWR_GRV_5297 | Repair Gravity Main | 184494 | 7/22/2021 | No CCTV was required as defects were visible from manhole. Repairs were done to the manhole and CCTV was not needed. Operations did open trench repairs. |
| 23A | 2/22/2021 | OBS 1: Visible Smoke | OBS 1: 7720 Harding Way | ROW | SWR_GRV_1547 | Repair Lateral Line | 184529 | 6/24/2021 | Defect was flagged by CMB Operations in the field during smoke testing activities. |
| 18 | 4/19/2021 | OBS 1: No Defects | 2 La Gorce Cir | ROW | SWR_GRV_1118 | Replace Sewer Cleanout Cap | 184532 | 6/1/2021 | Defect was flagged by CMB Operations in the field during smoke testing activities. |
| 28D | 5/6/2021 | OBS 1: Broken CO Cap | OBS 1: 2458 Flamingo Dr | ROW | SWR_GRV_1513 | Replace Sewer Cleanout Cap | 184534 | 6/1/2021 | |
| 28A | 4/2/2021 | OBS 1: Broken CO Cap | OBS 1: 4435 Nautilus Dr | ROW | SWR_GRV_1744 | Replace Sewer Cleanout Cap | 184538 | 5/29/2021 | |
| 28C | 3/17/2021 | OBS 2: Visible Smoke | OBS 2: 2115 Meridian Ave | ROW | SWR_GRV_1420 | Repair Gravity Main | 184539 | 6/29/2021 | |
| 28C | 3/25/2021 | OBS 1: Visible Smoke | OBS 1: 542 41st St | ROW | SWR_GRV_1730 | Replace Lateral Line | 184540 | 7/8/2021 | CCTV was not needed. Operations did open trench repairs. |
| 28C | 3/26/2021 | OBS 4: Broken CO Cap | OBS 4: 345 W 42nd St | ROW | SWR_GRV_1379 | Replace Sewer Cleanout Cap | 184541 | 7/9/2021 | |
| 28C | 3/29/2021 | OBS 1: Visible Smoke | OBS 1: 316 W 47th St | Private | SWR_LTR_8459 | Replace Lateral Line | 184543 | 5/26/2021 | |
| 28C | 3/31/2021 | OBS 1: Broken CO Cap | OBS 1: 3126 Pine Tree Dr | ROW | SWR_GRV_7031 | Replace Sewer Cleanout Cap | 184544 | 6/1/2021 | |
| 19 | 6/18/2021 | OBS 2: Visible Smoke | OBS 2: 707 71st St | ROW | SWR_GRV_2936 | Repair Gravity Main | 184791 | 6/16/2021 | Cleanout was not broken per smoke test report. Operations did CCTV on line and did open trench. |
| 24A | 2/19/2021 | OBS 2: Missing CO Cap | OBS 2: 7985 Crespi Blvd | Private | SWR_GRV_2539 | Replace Sewer Cleanout Cap | 184934 | 6/4/2021 | |
| 1C | 2/25/2021 | OBS 1: Missing CO Cap | OBS 1: 17th St/Meridian Ave | Private | SWR_GRV_6155 | Replace Sewer Cleanout Cap | 185118 | 6/11/2021 | No need to CCTV. CO Cap was missing in CO box. |
| 11 | 5/18/2021 | OBS 1: Broken CO Cap | OBS 1: 1840 James Ave | ROW | SWR_GRV_4817 | Replace Sewer Cleanout Cap | 185120 | 6/11/2021 | |
| 11 | 5/18/2021 | OBS 1: Broken CO Cap | OBS 1: 1720 Collins Ave | ROW | SWR_GRV_5134 | Replace Sewer Cleanout Cap | 185121 | 6/10/2021 | |
| 11 | 5/18/2021 | OBS 2: Broken CO Cap | OBS 2: 1732 Collins Ave | ROW | SWR_GRV_5134 | Replace Sewer Cleanout Cap | 185122 | 6/10/2021 | |
| 1C | 3/4/2021 | OBS 2: Missing CO Cap | OBS 2: 1020 Pennsylvania Ct | ROW | SWR_GRV_7748 | Cap & Seal Lateral Line | 185123 | 7/20/2021 | Visible Smoke in private property was on a vacant grassy land. Operations did repairs on cap and lateral |
| 28A | 5/27/2021 | OBS 1: Missing CO Cap | OBS 1: 4600 N Bay Rd | Private | SWR_LTR_9421 | Replace Sewer Cleanout Cap | 185340 | 6/17/2021 | |
| 28E | 5/6/2021 | OBS 1: Missing CO Cap | OBS 1: 1475 N View Dr | ROW | SWR_LTR_16655 | Replace Sewer Cleanout Cap | 185341 | 6/18/2021 | |
| 28E | 5/10/2021 | OBS 1: Missing CO Cap | OBS 1: 1601 W 24th St | ROW | SWR_LTR_9197 | Replace Sewer Cleanout Cap | 185342 | 6/17/2021 | |
| 28E | 5/10/2021 | OBS 1: Missing CO Cap | OBS 1: 3000 N Bay Rd | ROW | SWR_LTR_9402 | Replace Sewer Cleanout Cap | 185343 | 6/18/2021 | |
| 28E | 6/1/2021 | OBS 1: Broken CO Cap | OBS 1: 2128 N Bay Rd | ROW | SWR_LTR_10747 | Replace Sewer Cleanout Cap | 185344 | 6/17/2021 | |
| 28E | 6/1/2021 | OBS 1: Missing CO Cap | OBS 1: 3140 N Bay Rd | Private | SWR_LTR_10663 | Replace Sewer Cleanout Cap | 185345 | 6/18/2021 | |
| 1C | 4/3/2021 | OBS 1: Broken CO Cap | OBS 1: 825 Pennsylvania Ct | Private | SWR_GRV_7742 | Repair Gravity Main | 185466 | 6/29/2021 | Visible Smoke in private property was on a vacant grassy land. Operations did repairs on cap and lateral |
| 1C | 4/3/2021 | OBS 1: Broken CO Cap | OBS 1: 825 Pennsylvania Ct | Private | SWR_GRV_7742 | Repair Gravity Main | 185466 | 6/29/2021 | |
| 1B | 5/19/2021 | OBS 1: Broken CO Cap | OBS 1: 1558 Alton Rd | ROW | SWR_GRV_6651 | Replace Sewer Cleanout Cap | 186134 | 7/6/2021 | |
| 1B | 5/19/2021 | OBS 1: Visible Smoke | OBS 1: 1409 Lincoln Rd | ROW | SWR_GRV_6433 | Replace Lateral Line | 186135 | 7/4/2021 | No need to CCTV. Open trench repairs. |
| 1B | 5/19/2021 | OBS 1: Broken CO Cap | OBS 1: 1341 15th Ter | Private | SWR_GRV_5479 | Replace Sewer Cleanout Cap | 186136 | 7/9/2021 | |
| 1B | 5/19/2021 | OBS 2: Missing CO Cap | OBS 2: 1320 15th Ter | ROW | SWR_GRV_1325 | Replace Sewer Cleanout Cap | 186137 | 7/6/2021 | |
| 1B | 5/26/2021 | OBS 1: Broken CO Cap | OBS 1: 1040 Lincoln Rd | ROW | SWR_GRV_8642 | Replace Sewer Cleanout Cap | 186138 | 7/6/2021 | |
| 1C | 2/25/2021 | OBS 2: Visible Smoke | OBS 2: 1809 Meridian Ave | ROW | SWR_GRV_7856 | Replace Gravity Main | 186874 | 8/4/2021 | |
| 31B | 6/11/2021 | OBS 1: Broken CO Cap | OBS 1: 401 Collins Ave | ROW | SWR_GRV_7468 | Replace Sewer Cleanout Cap | 187004 | 7/30/2021 | |
| 31A | 6/17/2021 | OBS 1: Missing CO Cap | OBS 1: 301 Collins Ct | ROW | SWR_GRV_4252 | Replace Sewer Cleanout Cap | 187006 | 6/29/2021 | |
| 31A | 6/17/2021 | OBS 2: Missing CO Cap | OBS 2: 259 Collins Ct | ROW | SWR_GRV_4252 | Replace Sewer Cleanout Cap | 187007 | 7/29/2021 | |
| 31A | 6/17/2021 | OBS 3: Missing CO Cap | OBS 3: 220 Collins Ct | ROW | SWR_GRV_4252 | Replace Sewer Cleanout Cap | 187008 | 7/29/2021 | |
| 31A | 6/17/2021 | OBS 1: Missing CO Cap | OBS 1: 140 Ocean Dr | ROW | SWR_GRV_4229 | Replace Sewer Cleanout Cap | 187009 | 7/28/2021 | |
| 31A | 6/17/2021 | OBS 2: Broken CO Cap | OBS 2: 158 Ocean Dr | ROW | SWR_GRV_4229 | Replace Sewer Cleanout Cap | 187010 | 7/28/2021 | |
| 31A | 6/17/2021 | OBS 1: Missing CO Cap | OBS 1: 140 Ocean Dr | ROW | SWR_GRV_4229 | Install Sewer Cleanout Box/Cover | 187011 | 7/28/2021 | |
| 31A | 6/17/2021 | OBS 2: Broken CO Cap | OBS 2: 158 Ocean Dr | ROW | SWR_GRV_4229 | Install Sewer Cleanout Box/Cover | 187012 | 8/10/2021 | |
| 31A | 6/17/2021 | OBS 1: Missing CO Cap | OBS 1: 140 Ocean Dr | ROW | SWR_GRV_4229 | Replace Sewer Cleanout Cap | 187014 | 7/28/2021 | |
| 31A | 6/17/2021 | OBS 1: Missing CO Cap | OBS 1: 140 Ocean Dr | ROW | SWR_GRV_4229 | Replace Sewer Cleanout Cap | 187015 | 7/28/2021 | |
| 31A | 6/17/2021 | OBS 2: Broken CO Cap | OBS 2: 158 Ocean Dr | ROW | SWR_GRV_4229 | Replace Sewer Cleanout Cap | 187124 | 8/5/2021 | |
| 31A | 6/18/2021 | OBS 1: Broken CO Cap | OBS 1: 840 1st St | ROW | SWR_GRV_7400 | Replace Sewer Cleanout Cap | 187505 | 8/4/2021 | |
| 1C | 2/25/2021 | OBS 1: Missing CO Cap | OBS 1: 17th St/Meridian Ave | Private | SWR_GRV_7856 | Replace Sewer Cleanout Cap | 187506 | 8/4/2021 | |
| 1C | 3/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1052 Ocean Ct | Private | SWR_GRV_7659 | Replace Sewer Cleanout Cap | 187507 | 8/4/2021 | |
| 1C | 3/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1311 Collins Ct | Private | SWR_GRV_7894 | Replace Sewer Cleanout Cap | 187509 | 8/4/2021 | |
| 1C | 3/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1301 Ocean Ct | Private | SWR_GRV_7682 | Replace Sewer Cleanout Cap | 187510 | 8/3/2021 | |
| 31A | 6/17/2021 | OBS 2: Broken CO Cap | OBS 2: 158 Ocean Dr | ROW | SWR_GRV_4229 | Install Sewer Cleanout Box/Cover | 187703 | 8/10/2021 | |
| 1C | 6/23/2021 | OBS 2: Visible Smoke | OBS 2: 470 15th St | ROW | SWR_GRV_7987 | Repair Gravity Main | 188215 | N/A | Awaiting procurement for materials |
| 10 | 3/10/2021 | OBS 1: Missing CO Cap | OBS 1: 414 W Rivo Alto Dr | Private | SWR_GRV_2653 | Replace Sewer Cleanout Cap | 189279 | 9/17/2021 | |
| 10 | 3/10/2021 | OBS 2: Illegal Connection | OBS 2: 414 W Rivo Alto Dr | Private | SWR_GRV_2653 | Replace Sewer Cleanout Cap | 189279 | 9/17/2021 | |
| 1C | 6/23/2021 | OBS 4: Broken CO Cap | OBS 4: 1650 Washington Ave | ROW | SWR_GRV_7953 | Replace Sewer Cleanout Cap | 189282 | 9/17/2021 | |
| 1C | 6/23/2021 | OBS 2: Missing CO Cap | OBS 2: 350 Lincoln Rd | ROW | SWR_GRV_7953 | Replace Sewer Cleanout Cap | 189283 | 9/17/2021 | |
| 1C | 6/23/2021 | OBS 1: Missing CO Cap | OBS 1: 1618 Washington Ave | ROW | SWR_GRV_7953 | Replace Sewer Cleanout Cap | 189284 | 9/17/2021 | |

Appendix D1 - Smoke Testing

| Basin # | Smoke Test Report - Date | Private Defect (Observation #: Description) | Private Defect Address | Defect Private / ROW | Facility ID/ Correction Done | Corrective Action to be performed | Work Order # (if Applicable) | Date of Corrective Action performed/completed | Comments |
|---------|--------------------------|---|-------------------------------|---------------------------|------------------------------|-----------------------------------|------------------------------|---|---|
| 31A | 6/17/2021 | OBS 2: Missing CO Cap | OBS 2: 516 Espanola Way | ROW | SWR_GRV_7800 | Replace Sewer Cleanout Cap | 189311 | 9/17/2021 | |
| 31A | 6/17/2021 | OBS 1: Missing CO Cap | OBS 1: 506 Espanola Way | ROW | SWR_GRV_7800 | Replace Sewer Cleanout Cap | 189312 | 9/17/2021 | |
| 1B | 6/14/2021 | OBS 1: Missing CO Cap | OBS 1: 1828 Alton Rd | Private | SWR_GRV_7169 | Replace Sewer Cleanout Cap | 189313 | 9/17/2021 | |
| 1B | 6/22/2021 | OBS 1: Missing CO Cap | OBS 1: 345 Michigan Ave | Private | SWR_GRV_7548 | Replace Sewer Cleanout Cap | 189314 | 9/17/2021 | |
| 1C | 3/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1052 Ocean Ct | Private | SWR_GRV_7656 | Replace Sewer Cleanout Cap | 190465 | 10/19/2021 | |
| 1B | 6/21/2021 | OBS 1: Missing CO Cap | OBS 1: 810 Alton Rd | ROW | SWR_GRV_8230 | Replace Sewer Cleanout Cap | 190468 | 10/19/2021 | |
| 1B | 6/22/2021 | OBS 1: Missing CO Cap | OBS 1: 1121 5th St | Private | SWR_GRV_8230 | Install Sewer Cleanout Box/Cover | 190469 | 10/21/2021 | |
| 1B | 4/16/2021 | OBS 1: Broken CO Cap | OBS 1: 66 La Gorce Cir | ROW | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 4/19/2021 | OBS 1: Broken CO Cap | OBS 1: 2 La Gorce Cir | ROW | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/22/2021 | OBS 2: Missing CO Cap | OBS 2: 3114 Prairie Ave | Private | | Repair Sewer Cleanout | N/A | N/A | Defect was not fixed by the city. |
| 28C | 3/22/2021 | OBS 3: Missing CO Cap | OBS 3: 3124 Prairie Ave | Private | | Repair Sewer Cleanout | N/A | N/A | |
| 28C | 3/22/2021 | OBS 4: Broken CO Cap | OBS 4: 3136 Prairie Ave | Private | | Repair Sewer Cleanout | N/A | N/A | |
| 28C | 3/26/2021 | OBS 1: Missing CO Cap | OBS 1: 4309 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/26/2021 | OBS 2: Broken CO Cap | OBS 2: 4377 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/26/2021 | OBS 3: Broken CO Cap | OBS 3: 4332 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/19/2021 | OBS 1: Broken CO Cap | OBS 1: 811 80th Street | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 23A | 12/17/2020 | OBS 3: Visible Smoke | OBS 3: 320 83rd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 23A | 12/17/2020 | OBS 1: Visible Smoke | OBS 1: 235 84th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 23A | 12/17/2020 | OBS 2: Visible Smoke | OBS 2: 240 Collins Ct | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 23A | 12/17/2020 | OBS 4: Missing CO Cap | OBS 4: 83 Collins Ct | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 6/18/2021 | OBS 1: Broken CO Cap | OBS 1: 7120 Dickens Ave | Private | | Repair Gravity Main | N/A | N/A | |
| 22A | 1/11/2021 | OBS 1: Missing CO Cap | OBS 1: 300 N Shore Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 22A | 1/11/2021 | OBS 2: Missing CO Cap | OBS 2: 285 N Shore Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 1/28/2021 | OBS 2: Visible Smoke | OBS 2: 1401 Everglades Ct | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 1/25/2021 | OBS 2: Missing CO Cap | OBS 2: 1910 Bay Dr | Private | | Repair Gravity Main | N/A | N/A | |
| 21 | 1/29/2021 | OBS 2: Missing CO Cap | OBS 2: 1008 Biarritz Ct | ROW | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 2: Broken CO Cap | OBS 2: 321 E Dilido Dr | Private | | Repair Lateral Line | N/A | N/A | |
| 10 | 3/11/2021 | OBS 3: Visible Smoke | OBS 3: 321 E Dilido Dr | Private | | Repair Lateral Line | N/A | N/A | |
| 10 | 3/11/2021 | OBS 4: Illegal Connection | OBS 4: 425 E Dilido Dr | Private | | Repair Lateral Line | N/A | N/A | |
| 19 | 3/2/2021 | OBS 1: Missing CO Cap | OBS 1: 6965 Byron Ave | Private | | Repair Lateral Line | N/A | N/A | |
| 19 | 3/2/2021 | OBS 2: Broken CO Cap | OBS 2: 6966 Byron Ave | Private | | Repair Lateral Line | N/A | N/A | |
| 19 | 3/2/2021 | OBS 4: Broken CO Cap | OBS 4: 7101 Byron Ave | Private | | Repair Lateral Line | N/A | N/A | |
| 1C | 3/4/2021 | OBS 1: Visible Smoke | OBS 1: 627 Pennsylvania Ct | Private | | Cap & Seal Lateral Line | N/A | N/A | |
| 1C | 3/4/2021 | OBS 3: Visible Smoke | OBS 3: 936 Pennsylvania Ct | Private | | Cap & Seal Lateral Line | N/A | N/A | |
| 1B | 5/19/2021 | OBS 3: Missing CO Cap | OBS 3: 1320 15th Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1C | 3/9/2021 | OBS 2: Broken CO Cap | OBS 2: 1301 Collins Ct | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1C | 3/9/2021 | OBS 3: Missing CO Cap | OBS 3: 1236 Ocean Ct | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 6/9/2021 | OBS 1: Missing CO Cap | OBS 1: 1045 Dade Blvd | Border of ROW and Private | | Replace Sewer Cleanout Cap | N/A | 6/16/2021 | Cap already replaced, no work performed |
| 28E | 6/9/2021 | OBS 2: Missing CO Cap | OBS 2: 1901 Alton Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1C | 6/23/2021 | OBS 1: Missing CO Cap | OBS 1: 1650 Washington Ave | ROW | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1C | 6/23/2021 | OBS 2: Missing CO Cap | OBS 2: 1626 Washington Ave | ROW | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1C | 6/23/2021 | OBS 3: Missing CO Cap | OBS 3: 1626 Washington Ave | ROW | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1C | 6/23/2021 | OBS 1: Missing CO Cap | OBS 1: 530 15th St | Private | | Repair Gravity Main | N/A | N/A | |
| 1B | 5/21/2021 | OBS 1: Visible Smoke | OBS 1: 1400 West Ave | ROW | | MANHOLE NEEDS REHAB | N/A | N/A | Work to be contracted out |
| 1B | 6/21/2021 | OBS 2: Visible Smoke | OBS 2: 900 Alton Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/10/2021 | OBS 1: Missing CO Cap | OBS 1: 200 W Rivo Alto Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/10/2021 | OBS 2: Missing CO Cap | OBS 2: 49 W Rivo Alto Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/10/2021 | OBS 3: Visible Smoke | OBS 3: 111 W Rivo Alto Dr | Private | | CCTV | N/A | N/A | |
| 10 | 3/11/2021 | OBS 1: Missing CO Cap | OBS 1: 603 E Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 1: Missing CO Cap | OBS 1: 603 E Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 1: Broken CO Cap | OBS 1: 108 8 Dilido Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 1: Missing CO Cap | OBS 1: 455 W Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 2: Missing CO Cap | OBS 1: 108 5 Dilido Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 3: Missing CO Cap | OBS 1: 450 E Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/11/2021 | OBS 1: Missing CO Cap | OBS 1: 221 E Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 1: Broken CO Cap | OBS 1: 221 W Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 2: Missing CO Cap | OBS 2: 108 2nd Dilido Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 3: Broken CO Cap | OBS 3: 320 W Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 4: Missing CO Cap | OBS 4: 305 W Dilido Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 1: Broken CO Cap | OBS 1: 115 3rd San Marino Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 2: Broken CO Cap | OBS 2: 114 3rd San Marino Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 1: Broken CO Cap | OBS 1: 309 E San Marino Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 2: Missing CO Cap | OBS 2: 315 W San Marino Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 1: Missing CO Cap | OBS 1: 114 San Marino Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 1: Missing CO Cap | OBS 1: 104 E Marino Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 10 | 3/12/2021 | OBS 1: Missing CO Cap | OBS 1: 108 2nd San Marino Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 11 | 9/1/2021 | OBS 1: Visible Smoke | OBS 1: 1666 James Ave | Private | | CCTV | N/A | N/A | |
| 15A | 4/7/2021 | OBS 1: Missing CO Cap | OBS 1: 6311 La Gorce Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15A | 4/9/2021 | OBS 1: Broken CO Cap | OBS 1: 6060 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15A | 4/9/2021 | OBS 1: Missing CO Cap | OBS 1: 5720 La Gorce Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15A | 4/9/2021 | OBS 1: Visible Smoke | OBS 1: 5840 Pine Tree Dr | Private | | CCTV | N/A | N/A | |
| 15A | 4/12/2021 | OBS 1: Broken CO Cap | OBS 1: 5245 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15A | 4/12/2021 | OBS 1: Visible Smoke | OBS 1: 5645 La Gorce Dr | Private | | CCTV | N/A | N/A | |
| 15A | 4/12/2021 | OBS 2: Broken CO Cap | OBS 2: 5735 La Gorce Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15A | 4/12/2021 | OBS 1: Visible Smoke | OBS 1: 5577 La Gorce Dr | Private | | CCTV | N/A | N/A | |
| 15A | 4/12/2021 | OBS 1: Missing CO Cap | OBS 1: 5320 La Gorce Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15A | 4/12/2021 | OBS 2: Broken CO Cap | OBS 2: 5448 La Gorce Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15B | 4/14/2021 | OBS 1: Visible Smoke | OBS 1: 5780 Alton Rd | Private | | CCTV | N/A | N/A | |
| 15B | 4/14/2021 | OBS 1: Broken CO Cap | OBS 1: 5343 Alton Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15B | 4/16/2021 | OBS 1: Missing CO Cap | OBS 1: 860 Lakeview Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 15B | 4/16/2021 | OBS 1: Missing CO Cap | OBS 1: 4825 Lakeview Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/3/2021 | OBS 1: Broken CO Cap | OBS 1: 6895 Byron Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/2/2021 | OBS 1: Broken CO Cap | OBS 1: 6950 Indian Creek Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/3/2021 | OBS 1: Visible Smoke | OBS 1: 7130 Carlyle Ave | Private | | CCTV | N/A | N/A | |
| 19 | 2/3/2021 | OBS 1: Broken CO Cap | OBS 1: 401 71st St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |

Appendix D1 - Smoke Testing

| Basin # | Smoke Test Report - Date | Private Defect (Observation #: Description) | Private Defect Address | Defect Private / ROW | Facility ID/ Correction Done | Corrective Action to be performed | Work Order # (if Applicable) | Date of Corrective Action performed/completed | Comments |
|---------|--------------------------|---|----------------------------|----------------------|------------------------------|-----------------------------------|------------------------------|---|----------|
| 19 | 2/3/2021 | OBS 1:Visible Smoke | OBS 1: 6940 Abbott Ave | Private | | CCTV | N/A | N/A | |
| 19 | 2/4/2021 | OBS 1:Visible Smoke | OBS 1: 69th St/Harding Ave | Private | | CCTV | N/A | N/A | |
| 19 | 2/4/2021 | OBS 2:Missing CO Cap | OBS 2: 6880 Harding Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/4/2021 | OBS 1:Missing CO Cap | OBS 1: 251 71st St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/4/2021 | OBS 2:Missing CO Cap | OBS 2: 7111 Harding Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/4/2021 | OBS 3:Visible Smoke | OBS 3: 6965 Harding Ave | Private | | CCTV | N/A | N/A | |
| 19 | 2/4/2021 | OBS 1: Broken CO Cap | OBS 1: 305 69th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/4/2021 | OBS 1: Broken CO Cap | OBS 1: 16801 Harding Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/4/2021 | OBS 2:Missing CO Cap | OBS 2: 6792 Collins Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 19 | 2/5/2021 | OBS 1:Broken CO Cap | OBS 1: 16600 Collins Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/12/2021 | OBS 1: Broken CO Cap | OBS 1: 1 N Hibiscus Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/12/2021 | OBS 1:Missing CO Cap | OBS 1: 121 N Hibiscus Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/15/2021 | OBS 1:Visible Smoke | OBS 1: 205 N Hibiscus Dr | Private | | CCTV | N/A | N/A | |
| 1A | 3/15/2021 | OBS 1:Visible Smoke | OBS 1: 279 N Hibiscus Dr | Private | | CCTV | N/A | N/A | |
| 1A | 3/15/2021 | OBS 2: Broken CO Cap | OBS 2: 301 N Hibiscus Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/15/2021 | OBS 1:Visible Smoke | OBS 1: 140 S Hibiscus Dr | Private | | CCTV | N/A | N/A | |
| 1A | 3/15/2021 | OBS 1:Missing CO Cap | OBS 1: 325 S Hibiscus Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/16/2021 | OBS 1:Missing CO Cap | OBS 1: 150 Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/16/2021 | OBS 2:Visible Smoke | OBS 2: 145 Palm Ave | Private | | CCTV | N/A | N/A | |
| 1A | 3/16/2021 | OBS 1:Broken CO Cap | OBS 1: 269 Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/16/2021 | No Defects | OBS 1: 37 Star Island Dr | Private | | N/A | N/A | N/A | |
| 1A | 3/16/2021 | OBS 2: Broken CO Cap | OBS 2: 40 Star Island Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/16/2021 | OBS 3: Broken CO Cap | OBS 3: 42 Star Island Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/16/2021 | OBS 1: Broken CO Cap | OBS 1: 28 Star Island Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/16/2021 | OBS 1: Broken CO Cap | OBS 1: 33 Star Island Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1A | 3/19/2021 | OBS 1:Visible Smoke | OBS 1: 240 Palm Ave | Private | | CCTV | N/A | N/A | |
| 1B | 5/19/2021 | OBS 1: Broken CO Cap | OBS 1: 1606 West Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 5/21/2021 | OBS 1:Missing CO Cap | OBS 1: 1000 West Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 5/25/2021 | OBS 1: Broken CO Cap | OBS 1: 1810 Michigan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 5/25/2021 | OBS 1:Missing CO Cap | OBS 1: 1753 Michigan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 5/28/2021 | OBS 1:Missing CO Cap | OBS 1: 1590 Michigan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 6/3/2021 | OBS 1:Missing CO Cap | OBS 1: 935 8th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 6/3/2021 | OBS 1: Broken CO Cap | OBS 1: 1021 Michigan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 6/7/2021 | OBS 1:Visible Smoke | OBS 1: 609 Lenox Avenue | Private | | CCTV | N/A | N/A | |
| 1B | 6/18/2021 | OBS 1:Missing CO Cap | OBS 1: 633 Alton Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 1B | 6/22/2021 | OBS 1:Missing CO Cap | OBS 1: 345 Michigan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 31B | 6/8/2021 | OBS 1:Missing CO Cap | OBS 1: 833 8th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 31B | 6/11/2021 | OBS 1: Broken CO Cap | OBS 1: 723 2nd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/7/2021 | OBS 1: Missing CO Cap | OBS 1: 2830 Sunset Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/7/2021 | OBS 2: Broken CO Cap | OBS 2: 2800 Sunset Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/7/2021 | OBS 1: Broken CO Cap | OBS 1: 2555 Bay Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/20/2021 | OBS 1: Broken CO Cap | OBS 1: 2315 Lake Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/20/2021 | OBS 2: Broken CO Cap | OBS 2: 2335 Lake Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/20/2021 | OBS 1: Broken CO Cap | OBS 1: 1510 W 27th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 5/20/2021 | OBS 1: Broken CO Cap | OBS 1: 1600 W 27th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28E | 6/1/2021 | OBS 1: Broken CO Cap | OBS 1: 2031 N Bay Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28D | 5/3/2021 | OBS 1:Visible Smoke | OBS 1: 241 28th St | Private | | CCTV | N/A | N/A | |
| 28D | 5/4/2021 | OBS 1: Broken CO Cap | OBS 1: 3588 Collins Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28D | 5/6/2021 | OBS 1:Missing CO Cap | OBS 1: 2395 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28D | 5/6/2021 | OBS 1: Broken CO Cap | OBS 1: 2601 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28D | 5/6/2021 | OBS 1: Broken CO Cap | OBS 1: 2850 Flamingo Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/19/2021 | OBS 1: Broken CO Cap | OBS 1: 420 W 30th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/22/2021 | OBS 1:Missing CO Cap | OBS 1: 3115 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/22/2021 | OBS 1: Broken CO Cap | OBS 1: 3167 Royal Palm | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/23/2021 | OBS 1: Broken CO Cap | OBS 1: 3415 Prairie Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/23/2021 | OBS 1:Missing CO Cap | OBS 1: 3741 Royal Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/23/2021 | OBS 2: Broken CO Cap | OBS 2: 3767 Royal Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/23/2021 | OBS 1: Broken CO Cap | OBS 1: 3440 Royal Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/23/2021 | OBS 2:Visible Smoke | OBS 2: 3440 Royal Palm Ave | Private | | CCTV | N/A | N/A | |
| 28C | 3/23/2021 | OBS 1: Broken CO Cap | OBS 1: 3445 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/23/2021 | OBS 2: Broken CO Cap | OBS 2: 3481 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/24/2021 | OBS 1:Missing CO Cap | OBS 1: 3575 Flamingo Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/24/2021 | OBS 1: Broken CO Cap | OBS 1: 3725 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/24/2021 | OBS 1:Missing CO Cap | OBS 1: 3900 Garden Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/25/2021 | OBS 1:Missing CO Cap | OBS 1: 4265 Prairie Avenue | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/26/2021 | OBS 1:Missing CO Cap | OBS 1: 4444 Royal Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/29/2021 | OBS 1:Missing CO Cap | OBS 1: 356 W 46th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/30/2021 | OBS 1:Visible Smoke | OBS 1: 4539 Pine Tree Dr | Private | | CCTV | N/A | N/A | |
| 28C | 3/30/2021 | OBS 1:Visible Smoke | OBS 1: 4540 Royal Palm Ave | Private | | CCTV | N/A | N/A | |
| 28C | 3/30/2021 | OBS 2: Broken CO Cap | OBS 2: 4534 Royal Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/30/2021 | OBS 1:Missing CO Cap | OBS 1: 4504 Sheridan Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/31/2021 | OBS 1:Missing CO Cap | OBS 1: 3325 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 3/31/2021 | OBS 1:Missing CO Cap | OBS 1: 3325 Pine Tree Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 4/1/2021 | OBS 1:Missing CO Cap | OBS 1: 4300 Royal Palm Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 28C | 4/2/2021 | OBS 1:Visible Smoke | OBS 1: 545 W 41st St | Private | | CCTV | N/A | N/A | |
| 28B | 4/6/2021 | OBS 1:Missing CO Cap | OBS 1: 4515 Meridian Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1:Missing CO Cap | OBS 1: 1805 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 2: Broken CO Cap | OBS 2: 1820 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 3: Broken CO Cap | OBS 3: 1865 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1625 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 2: Broken CO Cap | OBS 2: 1645 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 3: Broken CO Cap | OBS 1: 1655 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 4:Missing CO Cap | OBS 4: 1699 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1515 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1: Broken CO Cap | OBS 1: 1334 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |

Appendix D1 - Smoke Testing

| Basin # | Smoke Test Report - Date | Private Defect (Observation #: Description) | Private Defect Address | Defect Private / ROW | Facility ID/ Correction Done | Corrective Action to be performed | Work Order # (if Applicable) | Date of Corrective Action performed/completed | Comments |
|---------|--------------------------|---|------------------------------|----------------------|------------------------------|-----------------------------------|------------------------------|---|----------|
| 24B | 2/9/2021 | OBS 2:Visible Smoke | OBS 2: 1425 Daytonia Rd | Private | | CCTV | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1:Visible Smoke | OBS 1: 1350 S Biscayne Point | Private | | CCTV | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1:Missing CO Cap | OBS 1: 1170 S Biscayne Point | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 1:Visible Smoke | OBS 1: 1215 Daytonia Rd | Private | | CCTV | N/A | N/A | |
| 24B | 2/9/2021 | OBS 2: Broken CO Cap | OBS 2: 1255 Daytonia Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 3: Broken CO Cap | OBS 3: 7758 Noremac Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/9/2021 | OBS 4: Broken CO Cap | OBS 4: 7820 Noremac Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/10/2021 | OBS 1: Broken CO Cap | OBS 1: 1782 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/10/2021 | OBS 2:Missing CO Cap | OBS 2: 1816 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 1:Missing CO Cap | OBS 1: 1565 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 2:Visible Smoke | OBS 2: 1580 Cleveland Rd | Private | | CCTV | N/A | N/A | |
| 24B | 2/11/2021 | OBS 3:Missing CO Cap | OBS 3: 1660 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 1: Broken CO Cap | OBS 1: 1430 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 2: Broken CO Cap | OBS 2: 1440 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 3: Broken CO Cap | OBS 3: 1530 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 1: Broken CO Cap | OBS 1: 1315 N Biscayne Point | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 2:Missing CO Cap | OBS 2: 1349 N Biscayne Point | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 3: Broken CO Cap | OBS 3: 1355 N Biscayne Point | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 4:Visible Smoke | OBS 4: 1275 N Biscayne Point | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 1:Missing CO Cap | OBS 1: 8050 Noremac Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 1:Missing CO Cap | OBS 1: 1200 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 2:Missing CO Cap | OBS 2: 1210 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 3: Broken CO Cap | OBS 3: 1220 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 4:Missing CO Cap | OBS 4: 1330 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 5: Broken CO Cap | OBS 5: 1346 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24B | 2/11/2021 | OBS 6: Broken CO Cap | OBS 6: 1345 Cleveland Rd | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/12/2021 | OBS 1:Missing CO Cap | OBS 1: 1281 Stillwater Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/12/2021 | OBS 1: Broken CO Cap | OBS 1: 1020 Stillwater Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/12/2021 | OBS 2: Broken CO Cap | OBS 2: 1111 Stillwater Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/17/2021 | OBS 1:Missing CO Cap | OBS 1: 816 85th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/17/2021 | OBS 2:Missing CO Cap | OBS 2: 807 85th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/17/2021 | OBS 3: Broken CO Cap | OBS 3: 794 85th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/17/2021 | OBS 1:Missing CO Cap | OBS 1: 705 83rd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/17/2021 | OBS 2:Missing CO Cap | OBS 2: 600 83rd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/18/2021 | OBS 1:Missing CO Cap | OBS 1: 720 82nd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/18/2021 | OBS 2:Missing CO Cap | OBS 2: 763 82nd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/18/2021 | OBS 1:Missing CO Cap | OBS 1: 824 82nd St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/18/2021 | OBS 1:Missing CO Cap | OBS 1: 1051 79th St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/18/2021 | OBS 1:Missing CO Cap | OBS 1: 7951 Hawthorne Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/18/2021 | OBS 2: Broken CO Cap | OBS 2: 960 79th Ter | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/19/2021 | OBS 1:Visible Smoke | OBS 1: 820 84th St | Private | | CCTV | N/A | N/A | |
| 24A | 2/19/2021 | OBS 1:Missing CO Cap | OBS 1: 827 81st St | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/19/2021 | OBS 1:Missing CO Cap | OBS 1: 8080 Hawthorne Ave | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 24A | 2/19/2021 | OBS 1:Visible Smoke | OBS 1: 820 84th St | Private | | CCTV | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Visible Smoke | OBS 1: 2200 Bay Dr W | Private | | CCTV | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Missing CO Cap | OBS 1: 2140 Calais Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Missing CO Cap | OBS 1: 2200 Verdun Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1: Broken CO Cap | OBS 1: 1957 Marseille Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 2/19/2021 | OBS 2:Missing CO Cap | OBS 2: 1947 Marseille Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Visible Smoke | OBS 1: 1915 Normandy Dr | Private | | CCTV | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Visible Smoke | OBS 1: 1575 Calais Dr | Private | | CCTV | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Missing CO Cap | OBS 1: 1385 Marseille Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 2/19/2021 | OBS 2: Broken CO Cap | OBS 2: 1404 Marseille Dr | Private | | Replace Sewer Cleanout Cap | N/A | N/A | |
| 21 | 2/19/2021 | OBS 3:Visible Smoke | OBS 3: 1430 Marseille Dr | Private | | CCTV | N/A | N/A | |
| 21 | 2/19/2021 | OBS 1:Visible Smoke | OBS 1: 1581 Normandy Dr | Private | | CCTV | N/A | N/A | |
| 21 | 1/21/2021 | OBS 1: Missing CO Cap | OBS 1: 1176 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/21/2021 | OBS 2: Broken CO Cap | OBS 2: 1188 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/21/2021 | OBS 3: Broken CO Cap | OBS 3: 1201 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/21/2021 | OBS 4: Missing CO Cap | OBS 4: 1233 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/21/2021 | OBS 1: Missing CO Cap | OBS 1: 1310 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/21/2021 | OBS 2: Missing CO Cap | OBS 2: 1340 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/22/2021 | OBS 1: Cracked Cap | OBS 1: 935 Normandy Ct | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/22/2021 | OBS 1: Missing CO Cap | OBS 1: 1201 Normandy Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/25/2021 | OBS 1: Illegal Connection | OBS 1: 1959 71st St | Private | | CCTV | N/A | N/A | |
| 21 | 1/25/2021 | OBS 1: Missing CO Cap | OBS 1: 1574 Normandy Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/25/2021 | OBS 1: Visible Smoke | OBS 1: 1736 Biarritz Dr | Private | | CCTV | N/A | N/A | |
| 21 | 1/25/2021 | OBS 2: Missing CO Cap | OBS 2: 1760 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/25/2021 | OBS 3: Missing CO Cap | OBS 3: 1770 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/25/2021 | OBS 4: Broken CO Cap | OBS 4: 1815 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 1: Cracked Cap | OBS 1: 1760 Bay Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 2: Broken CO Cap | OBS 2: 1814 Bay Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 1: Visible Smoke | OBS 1: 1605 Bay Dr | Private | | CCTV | N/A | N/A | |
| 21 | 1/26/2021 | OBS 1: Broken CO Cap | OBS 1: 1341 Bay Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 2:Missing CO Cap | OBS 2: 1375 Bay Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 1: Missing CO Cap | OBS 1: 1520 71st St | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 2:Missing CO Cap | OBS 2: 1600 71st St | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 1: Missing CO Cap | OBS 1: 1420 71st St | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 2:Missing CO Cap | OBS 2: 1440 71st St | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/26/2021 | OBS 1: Broken CO Cap | OBS 1: 1320 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 1: Visible Smoke | OBS 1: 1594 Biarritz Dr | Private | | CCTV | N/A | N/A | |
| 21 | 1/27/2021 | OBS 2:Missing CO Cap | OBS 2: 1633 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 3: Broken CO Cap | OBS 3: 1610 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 1: Missing CO Cap | OBS 1: 1511 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 2: Visible Smoke | OBS 2: 1390 Biarritz Dr | Private | | CCTV | N/A | N/A | |

Appendix D1 - Smoke Testing

| Basin # | Smoke Test Report - Date | Private Defect (Observation #: Description) | Private Defect Address | Defect Private / ROW | Facility ID/ Correction Done | Corrective Action to be performed | Work Order # (if Applicable) | Date of Corrective Action performed/completed | Comments |
|---------|--------------------------|---|---------------------------------|----------------------|------------------------------|-----------------------------------|------------------------------|---|----------|
| 21 | 1/27/2021 | OBS 3: Missing CO Cap | OBS 3: 1363 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 1: Missing CO Cap | OBS 1: 1140 71st St | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 2: Visible Smoke | OBS 2: 1140 71st St | Private | | CCTV | N/A | N/A | |
| 21 | 1/27/2021 | OBS 1: Broken CO Cap | OBS 1: 1215 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 1: Missing CO Cap | OBS 1: 6930 Rue Versailles | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 2: Broken CO Cap | OBS 2: 6930 Rue Versailles | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/27/2021 | OBS 1: Missing CO Cap | OBS 1: 1120 Bay Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/28/2021 | OBS 1: Missing CO Cap | OBS 1: 1016 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/28/2021 | OBS 1: Cracked Cap | OBS 1: 7218 Trouville Esplanade | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/28/2021 | OBS 2: Missing CO Cap | OBS 2: 7218 Trouville Esplanade | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/28/2021 | OBS 3: Broken CO Cap | OBS 3: 7218 Trouville Esplanade | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/29/2021 | OBS 1: Missing CO Cap | OBS 1: 7027 Trouville Esplanade | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/29/2021 | OBS 2: Missing CO Cap | OBS 2: 1749 Normandy Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/29/2021 | OBS 1: Broken CO Cap | OBS 1: 6924 Trouville Esplanade | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 1/29/2021 | OBS 2: Missing CO Cap | OBS 2: 1700 Biarritz Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 2/1/2021 | OBS 1: Missing CO Cap | OBS 1: 1555 71st St | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 2/1/2021 | OBS 1: Missing CO Cap | OBS 1: 1750 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 2/1/2021 | OBS 2: Broken CO Cap | OBS 2: 1738 Marseille Dr | Private | | Replace CO Cap | N/A | N/A | |
| 21 | 2/1/2021 | OBS 1: Visible Smoke | OBS 1: 1330 Normandy Dr | Private | | CCTV | N/A | N/A | |
| 21 | 2/1/2021 | OBS 1: Missing CO Cap | OBS 1: 1166 Mai Monides St | Private | | Replace CO Cap | N/A | N/A | |

Appendix D2 - Manhole Inspections

| Manhole ID | Basin | Inspection Date | Depth (ft) | Address | Coordinates | Location | Repair Recommendation |
|---------------|-------|-----------------|------------|----------------------------|-----------------------|----------------------|-----------------------|
| SWR_MNH_10039 | 15A | 2021-04-13 | 7.2 | 5180 La Gorce Dr | 25.828922 -80.125368 | Roadway | Coating |
| SWR_MNH_10422 | 15A | 2021-04-09 | 5.6 | 5916 La Gorce Dr | 25.839751 -80.125171 | Roadway | Coating |
| SWR_MNH_11996 | 15A | 2021-04-08 | 2.7 | 6385 Pine Tree Dr Cir | 25.845275 -80.126302 | Yard | Coating |
| SWR_MNH_11998 | 15A | 2021-04-08 | 3.3 | 6466 N Bay Rd | 25.845990 -80.127318 | Gutter | Coating |
| SWR_MNH_17354 | 1C | 2021-03-04 | 5.6 | 731 6th St | 25.775878 -80.135534 | Roadway | Coating |
| SWR_MNH_17381 | 1C | 2021-03-04 | 6.1 | 556 Euclid Ave | 25.775827 -80.134996 | Roadway | Coating |
| SWR_MNH_17382 | 1C | 2021-03-04 | 6.4 | 6th St / Euclid Ave | 25.775852, -80.135016 | Roadway | Coating |
| SWR_MNH_17383 | 1C | 2021-03-04 | 6.2 | 600 Euclid Ave | 25.775893, -80.135018 | Roadway | Coating |
| SWR_MNH_17384 | 1C | 2021-03-04 | 5.1 | 630 6th St | 25.775860 -80.134418 | Roadway | Coating |
| SWR_MNH_17476 | 1C | 2021-03-05 | 4.9 | 560 Washington Ave | 25.775555 -80.133983 | Roadway | Coating |
| SWR_MNH_17478 | 1C | 2021-03-08 | 3.9 | 555 Washington Ave | 25.775110 -80.133469 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17502 | 1C | 2021-03-05 | 5.5 | 6th St / Washington Ave | 25.775869 -80.133938 | Roadway | Coating |
| SWR_MNH_17503 | 1C | 2021-03-05 | 5.9 | 6th St / Washington Ave | 25.775886 -80.133924 | Roadway | Coating |
| SWR_MNH_17530 | 1C | 2021-03-09 | 2.6 | 533 Ocean Ct | 25.775044 -80.132333 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17531 | 1C | 2021-03-09 | 2.7 | 594 Ocean Ct | 25.775348 -80.132267 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17621 | 1C | 2021-03-04 | 2.4 | 605 7th St | 25.776990 -80.134464 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17623 | 1C | 2021-03-04 | 6.8 | 710 7th St | 25.777082 -80.135027 | Roadway | Coating |
| SWR_MNH_17708 | 1C | 2021-03-08 | 3.3 | 661 Washington Ave | 25.776383 -80.133175 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17738 | 1C | 2021-03-08 | 2.5 | 221 7th St | 25.776996 -80.133035 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17741 | 1C | 2021-03-09 | 2.8 | 640 Ocean Ct | 25.776436 -80.132030 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17742 | 1C | 2021-03-09 | 2.5 | 650 Ocean Ct | 25.776709 -80.131983 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17743 | 1C | 2021-03-09 | 2.6 | 706 Ocean Ct | 25.776985 -80.131924 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17768 | 1C | 2021-03-09 | 2.9 | 728 Ocean Ct | 25.777277 -80.131875 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17769 | 1C | 2021-03-09 | 3.3 | 736 Ocean Ct | 25.777506 -80.131801 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_17799 | 1C | 2021-03-05 | 4.1 | 824 Washington Ave | 25.778815 -80.133319 | Sidewalk | Coating |
| SWR_MNH_17824 | 1C | 2021-03-09 | 4.5 | 8th St / Ocean Ct | 25.778044 -80.131689 | Roadway | Coating |
| SWR_MNH_17825 | 1C | 2021-03-09 | 3.7 | 820 Ocean Ct | 25.778301 -80.131625 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_18189 | 1C | 2021-03-04 | 5.0 | 829 9th St | 25.779387 -80.136764 | Roadway | Coating |
| SWR_MNH_18190 | 1C | 2021-03-04 | 7.7 | 9th St / Euclid Ct | 25.779414 -80.135654 | Roadway | Coating |
| SWR_MNH_18191 | 1C | 2021-03-04 | 7.7 | 9th St / Euclid Ave | 25.779437 -80.135115 | Roadway | Coating |
| SWR_MNH_18239 | 1C | 2021-03-04 | 5.6 | 820 10th St | 25.780618 -80.136800 | Roadway | Coating |
| SWR_MNH_18245 | 1C | 2021-03-04 | 11.0 | 943 11th St | 25.781846 -80.136937 | Roadway | Seal Leaks & Coating |
| SWR_MNH_18246 | 1C | 2021-03-04 | 10.0 | 943 11th St | 25.781866 -80.136940 | Roadway | Coating |
| SWR_MNH_18248 | 1C | 2021-03-04 | 11.3 | 740 11th St | 25.781848, -80.136371 | Roadway | Coating |
| SWR_MNH_18249 | 1C | 2021-03-04 | 7.2 | 709 10th St | 25.780649 -80.135678 | Roadway | Coating |
| SWR_MNH_18251 | 1C | 2021-03-04 | 7.7 | 10th St / Euclid Ave | 25.780666 -80.135148 | Roadway | Coating |
| SWR_MNH_18270 | 1C | 2021-03-04 | 10.8 | 709 11th St | 25.781885 -80.135705 | Roadway | Coating |
| SWR_MNH_18332 | 1C | 2021-03-09 | 2.9 | 860 Ocean Ct | 25.779139 -80.131446 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_18360 | 1C | 2021-03-10 | 3.3 | 960 Ocean Ct | 25.780086 -80.131226 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_18361 | 1C | 2021-03-10 | 3.3 | 960 Ocean Ct | 25.780377 -80.131174 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_18382 | 1C | 2021-03-05 | 2.8 | 550 11th St | 25.781888 -80.133431 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_18440 | 1C | 2021-03-03 | 8.4 | 12th St / Euclid Ct | 25.782841 -80.135748 | Roadway | Seal Leaks & Coating |
| SWR_MNH_18467 | 1C | 2021-03-03 | 8.3 | 12th St / Pennsylvania Ct | 25.782873 -80.134620 | Roadway | Seal Leaks & Coating |
| SWR_MNH_18468 | 1C | 2021-03-03 | 7.1 | 13th St / Euclid Ct | 25.784078 -80.135788 | Roadway | Seal Leaks & Coating |
| SWR_MNH_18493 | 1C | 2021-03-02 | 7.4 | 13th St / Pennsylvania Ct | 25.784107 -80.134644 | Roadway | Coating |
| SWR_MNH_18494 | 1C | 2021-03-03 | 8.1 | 11th St / Pennsylvania Ave | 25.781924 -80.134061 | Roadway | Coating |
| SWR_MNH_18525 | 1C | 2021-03-03 | 7.3 | 12th St / Pennsylvania Ave | 25.782891 -80.134081 | Roadway | Coating |
| SWR_MNH_18526 | 1C | 2021-03-03 | 5.0 | 512 12th St | 25.782875 -80.133419 | Sidewalk | Coating |
| SWR_MNH_18527 | 1C | 2021-03-03 | 8.0 | 12th St / Drexel Ct | 25.782921 -80.133478 | Roadway | Coating |
| SWR_MNH_18528 | 1C | 2021-03-03 | 7.8 | 12th St / Drexel Ave | 25.782933 -80.132883 | Roadway | Coating |
| SWR_MNH_18530 | 1C | 2021-03-09 | 4.3 | 1101 Washington Ave | 25.781980, -80.132310 | Roadway | Coating |
| SWR_MNH_18556 | 1C | 2022-01-10 | 6.4 | 1130 Washington Ave | 25.783012 -80.132508 | Sidewalk | Coating |
| SWR_MNH_18557 | 1C | 2021-03-03 | 5.2 | 1200 Washington Ave | 25.782939 -80.132687 | Roadway | Seal Leaks & Coating |
| SWR_MNH_18558 | 1C | 2021-03-03 | 4.9 | 1200 Washington Ave | 25.782948 -80.132600 | Roadway | Coating |
| SWR_MNH_18583 | 1C | 2021-03-03 | 3.0 | 500 13th St | 25.783978 -80.133510 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_18615 | 1C | 2021-03-02 | 6.9 | 13th St / Drexel Ave | 25.784157 -80.132917 | Roadway | Coating |
| SWR_MNH_18619 | 1C | 2021-03-08 | 4.1 | 227 13th St | 25.784163, -80.131549 | Roadway | Coating |
| SWR_MNH_18621 | 1C | 2021-03-09 | 2.4 | 1311 Collins Ct | 25.784477 -80.131480 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_19193 | 1C | 2021-02-26 | 5.7 | 926 15th St | 25.787447, -80.138191 | Roadway | Coating |
| SWR_MNH_19214 | 1C | 2021-02-26 | 6.2 | Jefferson Ave / 15th St | 25.787421 -80.137584 | Roadway | Coating |
| SWR_MNH_19391 | 1C | 2021-02-26 | 6.2 | 1502 Jefferson Ave | 25.787611, -80.137587 | Roadway | Coating |
| SWR_MNH_19446 | 1C | 2021-02-26 | 3.9 | Jefferson Ave / 16th St | 25.789006 -80.137646 | Roadway | Coating |
| SWR_MNH_19476 | 1C | 2021-03-02 | 7.0 | 14th St / Euclid Ct | 25.785323 -80.135817 | Roadway | Coating |
| SWR_MNH_19500 | 1C | 2021-02-26 | 7.2 | Meridian Ave / 14th Pl | 25.786146 -80.136427 | Roadway | Coating |
| SWR_MNH_19501 | 1C | 2021-03-02 | 6.0 | 14th St / Pennsylvania Ct | 25.785348 -80.134692 | Roadway | Seal Leaks & Coating |
| SWR_MNH_19533 | 1C | 2021-03-02 | 3.2 | 1415 Pennsylvania Ct | 25.785935 -80.134695 | Roadway | Coating |
| SWR_MNH_19534 | 1C | 2021-03-02 | 7.0 | 14th Pl / Euclid Ct | 25.786174, -80.135843 | Roadway | Coating |

Appendix D2 - Manhole Inspections

| Manhole ID | Basin | Inspection Date | Depth (ft) | Address | Coordinates | Location | Repair Recommendation |
|---------------|-------|-----------------|------------|-------------------------------|-----------------------|----------------------|-----------------------|
| SWR_MNH_19562 | 1C | 2021-02-26 | 6.4 | 820 15th St | 25.787446 -80.137058 | Roadway | Coating |
| SWR_MNH_19591 | 1C | 2021-03-01 | 4.7 | Euclid Ave / 14th Place | 25.786163 -80.135304 | Roadway | Coating |
| SWR_MNH_19620 | 1C | 2021-03-01 | 5.3 | 15th St / Pennsylvania Ave | 25.787443, -80.134204 | Roadway | Coating |
| SWR_MNH_19644 | 1C | 2021-03-02 | 4.8 | 14th St / Drexel Ct | 25.785375 -80.133531 | Roadway | Coating |
| SWR_MNH_19646 | 1C | 2021-03-02 | 6.3 | 14th St / Drexel Ave | 25.785400, -80.132954 | Roadway | Coating |
| SWR_MNH_19670 | 1C | 2021-03-03 | 3.6 | 1334 Washington Ave | 25.784822 -80.132149 | Sidewalk | Coating |
| SWR_MNH_19697 | 1C | 2021-03-09 | 5.0 | 222 14th St | 25.785370 -80.131367 | Roadway | Coating |
| SWR_MNH_19699 | 1C | 2021-03-01 | 6.3 | Pennsylvania Ave / 14th Pl | 25.786204 -80.134172 | Roadway | Coating |
| SWR_MNH_19729 | 1C | 2021-03-01 | 4.4 | Pennsylvania Ave / Espanola W | 25.786892 -80.134187 | Roadway | Coating |
| SWR_MNH_19731 | 1C | 2021-03-02 | 6.4 | Drexel Ave / Espanola Way | 25.786852 -80.132994 | Roadway | Coating |
| SWR_MNH_19759 | 1C | 2021-03-03 | 3.4 | 409 Espanola Way | 25.786932 -80.131997 | Paved AlleySidewalk | Coating |
| SWR_MNH_19787 | 1C | 2021-03-03 | 4.8 | 1454 Washington Ave | 25.787209 -80.131814 | Roadway | Coating |
| SWR_MNH_19817 | 1C | 2021-02-26 | 3.3 | 1572 Meridian Ave | 25.788881, -80.136590 | Sidewalk | Seal Leaks & Coating |
| SWR_MNH_19850 | 1C | 2021-03-01 | 4.4 | 1530 Pennsylvania Ave | 25.788282, -80.134259 | Roadway | Coating |
| SWR_MNH_19872 | 1C | 2021-02-26 | 3.2 | 1604 Meridian Ave | 25.789322 -80.136563 | Sidewalk | Coating |
| SWR_MNH_19874 | 1C | 2021-02-26 | 4.6 | 800 Meridian Ave | 25.789984, -80.136617 | RoadwaySidewalk | Coating |
| SWR_MNH_19875 | 1C | 2021-02-26 | 5.8 | Meridian Ave / Lincoln Lane | 25.789997 -80.136511 | Roadway | Coating |
| SWR_MNH_19903 | 1C | 2021-03-01 | 4.1 | 16th St / Pennsylvania Ave | 25.789054 -80.134295 | Roadway | Coating |
| SWR_MNH_19904 | 1C | 2021-03-01 | 4.3 | 610 16th St | 25.788974 -80.134270 | Roadway | Coating |
| SWR_MNH_19907 | 1C | 2021-02-26 | 4.5 | Lincoln Ln / Euclid Ave | 25.790008 -80.135405 | Roadway | Coating |
| SWR_MNH_19930 | 1C | 2021-02-26 | 3.0 | Lincoln Ln / Pennsylvania Ave | 25.790044, -80.134203 | Sidewalk | Coating |
| SWR_MNH_19932 | 1C | 2021-03-01 | 4.8 | 535 15th St | 25.787555, -80.134109 | Roadway | Coating |
| SWR_MNH_19933 | 1C | 2021-03-01 | 4.3 | 535 15th St | 25.787533 -80.134155 | Roadway | Coating |
| SWR_MNH_19934 | 1C | 2021-03-01 | 3.4 | 535 15th St | 25.787722 -80.134149 | Yard | Coating |
| SWR_MNH_19935 | 1C | 2021-03-02 | 5.5 | 529 15th St | 25.787608 -80.133592 | Sidewalk | Coating |
| SWR_MNH_19936 | 1C | 2021-03-02 | 6.2 | Drexel Ave / 15th St | 25.787605 -80.133021 | Roadway | Coating |
| SWR_MNH_19937 | 1C | 2021-03-02 | 6.5 | Drexel Ave / 15th St | 25.787556 -80.133014 | Roadway | Coating |
| SWR_MNH_19960 | 1C | 2021-03-02 | 5.8 | 1528 Drexel Ave | 25.788176 -80.133040 | Roadway | Coating |
| SWR_MNH_19962 | 1C | 2021-03-02 | 5.3 | 1560 Drexel Ave | 25.788675 -80.133043 | Roadway | Coating |
| SWR_MNH_19991 | 1C | 2021-03-02 | 5.3 | Drexel Ave/ 16th St | 25.789032, -80.133092 | Roadway | Coating |
| SWR_MNH_19992 | 1C | 2021-03-02 | 5.3 | Drexel Ave / 16th St | 25.789064 -80.133067 | Roadway | Coating |
| SWR_MNH_19993 | 1C | 2021-03-02 | 5.2 | Drexel Ave / 16th St | 25.789143 -80.133074 | Roadway | Coating |
| SWR_MNH_19994 | 1C | 2021-03-02 | 4.8 | Drexel Ave / 16th St | 25.789150 -80.133063 | Roadway | Coating |
| SWR_MNH_20022 | 1C | 2021-03-02 | 3.9 | 1601 Drexel Ave | 25.789945 -80.133106 | Roadway | Coating |
| SWR_MNH_20209 | 1C | 2021-02-25 | 5.4 | Jefferson Ave / Lincoln Rd | 25.790636 -80.137691 | Yard | Coating |
| SWR_MNH_20475 | 1C | 2021-02-25 | 6.6 | Meridian Ave / Lincoln Ave | 25.790621 -80.136572 | Yard | Coating |
| SWR_MNH_20476 | 1C | 2021-02-25 | 4.8 | Lincoln Rd / Meridian Ave | 25.790702 -80.136606 | SidewalkYard | Coating |
| SWR_MNH_20477 | 1C | 2021-02-25 | 4.0 | 1661 Meridian Ave | 25.791020 -80.136654 | Sidewalk | Coating |
| SWR_MNH_20517 | 1C | 2021-02-25 | 3.3 | 1755 Meridian Ave | 25.793144, -80.136567 | Yard | Coating |
| SWR_MNH_20540 | 1C | 2021-03-03 | 7.5 | Lincoln Rd / Washington Ave | 25.790623 -80.131862 | Roadway | Coating |
| SWR_MNH_20575 | 1C | 2022-01-10 | 3.0 | 18th St / Meridian Ave | 25.793529 -80.136537 | Sidewalk | Coating |
| SWR_MNH_20680 | 1C | 2021-03-10 | 4.0 | Ocean Dr / 10th St | 25.780398, -80.130715 | Roadway | Coating |
| SWR_MNH_20704 | 1C | 2021-03-10 | 3.4 | 1027 Ocean Ct | 25.781142 -80.130994 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_20734 | 1C | 2021-03-10 | 3.9 | 1220 Ocean Ct | 25.783222 -80.130580 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_20797 | 1C | 2021-03-10 | 3.9 | 1410 Ocean Ct | 25.785575 -80.130230 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_20829 | 1C | 2021-03-10 | 3.5 | 1440 Ocean Dr | 25.786632 -80.130055 | RoadwayUnpaved Alley | Coating |
| SWR_MNH_20830 | 1C | 2021-03-10 | 3.6 | 14th Pl / Ocean Ct | 25.786613 -80.130078 | Roadway | Coating |
| SWR_MNH_20831 | 1C | 2021-03-10 | 2.6 | 14th St / Ocean Dr | 25.786710, -80.129553 | Roadway | Coating |
| SWR_MNH_20832 | 1C | 2021-03-10 | 2.8 | 14th St / Ocean Dr | 25.786732, -80.129570 | Gutter | Coating |
| SWR_MNH_20833 | 1C | 2021-03-08 | 5.5 | Espanola Way / Collins Ave | 25.786993 -80.130594 | Roadway | Coating |
| SWR_MNH_20885 | 1C | 2021-03-08 | 6.8 | 1610 Collins Ave | 25.789777 -80.130196 | Sidewalk | Coating |
| SWR_MNH_20889 | 1C | 2021-03-03 | 4.6 | 230 Lincoln Rd | 25.790617 -80.130769 | Sidewalk | Coating |
| SWR_MNH_21610 | 28C | 2021-03-18 | 3.7 | 2001 Meridian Ave | 25.796476 -80.135727 | Sidewalk | Coating |
| SWR_MNH_21613 | 28C | 2021-03-18 | 6.8 | 2020 Prairie Ave | 25.796854, -80.135078 | Roadway | Coating |
| SWR_MNH_21635 | 28C | 2021-03-17 | 3.4 | 2035 Meridian Ave | 25.797799 -80.135779 | Yard | Coating |
| SWR_MNH_21637 | 28C | 2021-03-18 | 3.9 | 2054 Prairie Ave | 25.797788, -80.134640 | Roadway | Coating |
| SWR_MNH_21638 | 28C | 2021-03-17 | 3.6 | 2123 Meridian Ave | 25.798328 -80.135520 | Roadway | Coating |
| SWR_MNH_21703 | 28C | 2021-03-18 | 4.4 | 2301 N Meridian Ave | 25.800062, -80.134691 | Roadway | Coating |
| SWR_MNH_21716 | 28C | 2021-03-18 | 4.9 | 2234 Prairie Ave | 25.799676, -80.133758 | Yard | Coating |
| SWR_MNH_21719 | 28C | 2022-01-19 | 5.1 | 2300 Pine Tree Dr | 25.801679 -80.131562 | Paved Alley | Coating |
| SWR_MNH_21897 | 28C | 2021-03-18 | 4.7 | 2405 N Meridian Ave | 25.801961, -80.134447 | Yard | Coating |
| SWR_MNH_21898 | 28C | 2021-03-18 | 5.6 | 2455 N Meridian Ave | 25.802850 -80.134356 | Yard | Coating |
| SWR_MNH_21899 | 28C | 2021-03-19 | 5.3 | 2301 Alton Rd | 25.803918 -80.136765 | Yard | Coating |
| SWR_MNH_21901 | 28C | 2021-03-18 | 8.1 | 2810 N Meridian Ave | 25.803841 -80.135085 | Yard | Coating |
| SWR_MNH_21905 | 28C | 2021-03-18 | 5.9 | 2400 Prairie Ave | 25.801649, -80.133454 | Yard | Coating |
| SWR_MNH_21911 | 28C | 2021-03-18 | 6.0 | 2456 Prairie Ave | 25.802580 -80.133324 | Yard | Coating |
| SWR_MNH_21940 | 28C | 2021-03-18 | 7.7 | 2802 Prairie Ave | 25.803774, -80.132481 | Roadway | Coating |

Appendix D2 - Manhole Inspections

| Manhole ID | Basin | Inspection Date | Depth (ft) | Address | Coordinates | Location | Repair Recommendation |
|---------------|-------|-----------------|------------|-----------------------------|-----------------------|--------------------|-----------------------|
| SWR_MNH_21943 | 28C | 2021-03-19 | 6.9 | 625 W 28th St | 25.803953 -80.131781 | Roadway | Coating |
| SWR_MNH_21964 | 28C | 2021-03-19 | 4.8 | 2800 Fairgreen Dr | 25.804149 -80.131173 | Roadway | Coating |
| SWR_MNH_21967 | 28C | 2021-03-19 | 6.0 | 2825 Prairie Ave | 25.804813 -80.132181 | Roadway | Coating |
| SWR_MNH_21993 | 28C | 2021-03-19 | 4.4 | 2851 Prairie Ave | 25.805720 -80.131915 | Roadway | Coating |
| SWR_MNH_21995 | 28C | 2021-03-19 | 4.9 | 2932 Prairie Ave | 25.806538 -80.131654 | Roadway | Coating |
| SWR_MNH_22075 | 28C | 2021-03-25 | 3.2 | 3250 Chase Ave | 25.808802, -80.135225 | SidewalkYard | Coating |
| SWR_MNH_22079 | 28C | 2021-03-19 | 5.3 | 555 W 31st St | 25.807656, -80.131359 | Roadway | Coating |
| SWR_MNH_22081 | 28C | 2021-03-25 | 3.5 | 3340 Chase Ave | 25.809212 -80.133506 | Yard | Coating |
| SWR_MNH_22100 | 28C | 2021-03-25 | 3.3 | 3400 Chase Ave | 25.809693, -80.132906 | Yard | Coating |
| SWR_MNH_22102 | 28C | 2021-03-25 | 4.3 | 3401 Chase Ave | 25.809665, -80.132421 | Roadway | Coating |
| SWR_MNH_22105 | 28C | 2021-03-25 | 6.3 | W 34th St / Prairie Ave | 25.809487, -80.131130 | Roadway | Coating |
| SWR_MNH_22132 | 28A | 2021-04-05 | 3.75 | 3429 Alton Rd | 25.810993, -80.135801 | Sidewalk | Coating |
| SWR_MNH_22133 | 28A | 2021-04-06 | 4 | 3900 Alton Rd | 25.811416, -80.136040 | Sidewalk | Coating |
| SWR_MNH_22134 | 28C | 2021-03-26 | 3.4 | Garden Ave / N Meridian Ave | 25.810204, -80.135194 | Roadway | Coating |
| SWR_MNH_22135 | 28C | 2021-03-26 | 3.7 | 3425 Garden Ave | 25.810787 -80.135078 | Roadway | Coating |
| SWR_MNH_22136 | 28C | 2021-03-26 | 3.8 | 3427 N Meridian Ave | 25.810262, -80.134647 | Roadway | Coating |
| SWR_MNH_22163 | 28A | 2021-04-06 | 4.3333 | 3900 Alton Rd | 25.811766, -80.135947 | Roadway | Coating |
| SWR_MNH_22164 | 28A | 2021-04-05 | 4.25 | 3900 Alton Rd | 25.811698 -80.135708 | Sidewalk | Coating |
| SWR_MNH_22170 | 28A | 2022-01-19 | 4.8333 | 41st St / Alton Rd | 25.812891 -80.135776 | Roadway | Coating |
| SWR_MNH_22187 | 28C | 2021-03-26 | 4.0 | W 40th St / Garden Ave | 25.812878, -80.134766 | Roadway | Coating |
| SWR_MNH_22188 | 28C | 2021-03-26 | 5.1 | N Meridian Ave / Barry St | 25.811164, -80.133916 | Roadway | Coating |
| SWR_MNH_22214 | 28C | 2021-03-25 | 4.0 | 3447 Chase Ave | 25.810578, -80.132237 | Roadway | Coating |
| SWR_MNH_22217 | 28C | 2022-01-19 | 5.0 | 3885 N Meridian Ave | 25.811572 -80.133810 | Roadway | Coating |
| SWR_MNH_22275 | 28A | 2021-04-05 | 3.25 | 4247 N Bay Rd | 25.814253, -80.137852 | Sidewalk | Coating |
| SWR_MNH_22278 | 28A | 2021-04-06 | 5 | 4302 Alton Rd | 25.815059, -80.138294 | Yard | Coating |
| SWR_MNH_22280 | 28A | 2021-04-02 | 4.0833 | 4228 Alton Rd | 25.814603 -80.137339 | Roadway | Coating |
| SWR_MNH_22281 | 28A | 2021-04-02 | 4.75 | 4228 Alton Rd | 25.814650, -80.137394 | Roadway | Coating |
| SWR_MNH_22282 | 28A | 2021-04-02 | 6 | 4300 Alton Rd | 25.815218 -80.137728 | Yard | Coating |
| SWR_MNH_22305 | 28A | 2021-04-02 | 4.1667 | 4300 Alton Rd | 25.815645, -80.137674 | Roadway | Coating |
| SWR_MNH_22307 | 28A | 2021-04-02 | 4.5 | 4300 Alton Rd | 25.815713, -80.137677 | Yard | Coating |
| SWR_MNH_22308 | 28A | 2021-04-02 | 4.0833 | 4315 N Bay Rd | 25.816061, -80.138044 | Roadway | Coating |
| SWR_MNH_22309 | 28A | 2021-04-02 | 4.1667 | 4330 N Bay Rd | 25.816256, -80.138240 | Roadway | Coating |
| SWR_MNH_22310 | 28A | 2021-04-02 | 4.5833 | 4312 Alton Rd | 25.816088 -80.137530 | Sidewalk | Coating |
| SWR_MNH_22312 | 28A | 2021-04-02 | 4.3333 | 4318 Alton Rd | 25.816346 -80.137456 | Roadway | Coating |
| SWR_MNH_22314 | 28A | 2021-04-01 | 4 | 4340 N Bay Rd | 25.816510, -80.138226 | Roadway | Coating |
| SWR_MNH_22315 | 28A | 2021-04-02 | 4.1667 | 4322 Alton Rd | 25.816532, -80.137441 | Roadway | Coating |
| SWR_MNH_22316 | 28A | 2021-04-02 | 4.25 | 4342 Alton Rd | 25.817176 -80.137312 | Roadway | Coating |
| SWR_MNH_22335 | 28A | 2021-04-01 | 4.1667 | 4380 N Bay Rd | 25.818121 -80.137573 | Roadway | Coating |
| SWR_MNH_22336 | 28A | 2021-04-01 | 4 | 4411 N Bay Rd | 25.818540, -80.137270 | Roadway | Coating |
| SWR_MNH_22339 | 28A | 2021-04-05 | 4 | 4161 N Bay Rd | 25.813246 -80.136957 | Roadway | Coating |
| SWR_MNH_22340 | 28C | 2021-04-06 | 5.7 | 976 W 41st St | 25.812834, -80.135644 | Sidewalk | Coating |
| SWR_MNH_22341 | 28C | 2021-04-06 | 6.0 | 976 W 41st St | 25.812895, -80.135637 | Yard | Coating |
| SWR_MNH_22343 | 28A | 2021-04-05 | 5.3333 | 4144 Alton Rd | 25.813588, -80.136241 | Roadway | Coating |
| SWR_MNH_22344 | 28A | 2021-04-05 | 4.5833 | 4141 Alton Rd | 25.813521, -80.135980 | Roadway | Coating |
| SWR_MNH_22345 | 28A | 2021-04-05 | 4.9167 | 4141 Alton Rd | 25.813562 -80.135989 | Yard | Coating |
| SWR_MNH_22346 | 28A | 2021-04-05 | 5 | 4141 Alton Rd | 25.813403, -80.135867 | Roadway | Coating |
| SWR_MNH_22370 | 28A | 2021-04-05 | 5.0833 | 4165 Alton Rd | 25.813943 -80.136356 | Yard | Coating |
| SWR_MNH_22371 | 28A | 2021-04-02 | 5.8333 | 4200 Alton Rd | 25.814171 -80.136904 | Roadway | Coating |
| SWR_MNH_22372 | 28A | 2021-04-05 | 4.5833 | 4175 Alton Rd | 25.814208 -80.136700 | Yard | Coating |
| SWR_MNH_22373 | 28A | 2021-04-05 | 4.6667 | 4141 Alton Rd | 25.813704 -80.136089 | Yard | Coating |
| SWR_MNH_22378 | 28C | 2021-04-06 | 5.8 | 950 W 41st St | 25.813218, -80.134945 | Roadway | Coating |
| SWR_MNH_22381 | 28C | 2021-03-26 | 4.3 | 930 W 41st St | 25.813070 -80.134469 | Unpaved Alley | Coating |
| SWR_MNH_22382 | 28C | 2021-03-26 | 4.1 | 910 W 41st St | 25.813214, -80.134086 | Unpaved Alley | Coating |
| SWR_MNH_22385 | 28C | 2021-03-29 | 6.7 | 910 W 41st St | 25.813499 -80.134286 | Sidewalk | Coating |
| SWR_MNH_22401 | 28A | 2021-04-09 | 5.5 | 4235 Alton Rd | 25.814993 -80.136937 | Yard | Coating |
| SWR_MNH_22425 | 28A | 2021-04-12 | 5 | 4259 Nautilus Dr | 25.814951 -80.135872 | Yard | Coating |
| SWR_MNH_22457 | 28C | 2021-03-26 | 5.5 | 4017 N Meridian Ave | 25.813295, -80.133437 | Roadway | Coating |
| SWR_MNH_22459 | 28C | 2021-03-29 | 6.4 | 780 W 41st St | 25.813752, -80.133445 | Roadway | Coating |
| SWR_MNH_22460 | 28C | 2022-01-19 | 6.5 | 4044 Meridian Ave | 25.813836 -80.133504 | Roadway | Coating |
| SWR_MNH_22461 | 28C | 2021-03-29 | 11.0 | 780 W 41st St | 25.813741, -80.132949 | Sidewalk | Coating |
| SWR_MNH_22463 | 28C | 2021-03-25 | 3.2 | 770 W 40th St | 25.813092, -80.131295 | Roadway | Coating |
| SWR_MNH_22486 | 28C | 2021-03-26 | 5.9 | 738 W 41st St | 25.813798 -80.131485 | Sidewalk | Coating |
| SWR_MNH_22516 | 28C | 2021-03-29 | 3.5 | 4144 Chase Ave | 25.814367 -80.132248 | Unpaved Alley | Coating |
| SWR_MNH_22517 | 28C | 2021-03-29 | 5.3 | 4144 Chase Ave | 25.814317, -80.131628 | Parking LotRoadway | Coating |
| SWR_MNH_22519 | 28C | 2021-03-29 | 5.1 | 4180 Chase Ave | 25.815445 -80.131332 | Roadway | Coating |
| SWR_MNH_22581 | 28A | 2021-04-02 | 4.4167 | Alton Rd / W 44th St | 25.817701 -80.136948 | Roadway | Coating |
| SWR_MNH_22609 | 28A | 2021-04-09 | 5 | 4430 Nautilus Dr | 25.818415 -80.135627 | Yard | Coating |

Appendix D2 - Manhole Inspections

| Manhole ID | Basin | Inspection Date | Depth (ft) | Address | Coordinates | Location | Repair Recommendation |
|---------------|-------|-----------------|------------|----------------------------|-----------------------|-----------------|-----------------------|
| SWR_MNH_22611 | 28A | 2021-04-12 | 4.9167 | 4427 Nautilus Dr | 25.817764 -80.135257 | Yard | Coating |
| SWR_MNH_22669 | 28C | 2021-03-29 | 4.3 | 4236 Chase Ave | 25.816182, -80.131023 | Roadway | Coating |
| SWR_MNH_22953 | 28C | 2021-03-19 | 8.4 | 437 W 28th St | 25.804386 -80.130107 | Roadway | Coating |
| SWR_MNH_22954 | 28C | 2021-03-19 | 8.8 | 437 W 28th St | 25.804402, -80.130144 | Roadway | Coating |
| SWR_MNH_22955 | 28C | 2021-03-19 | 8.8 | 437 W 28th St | 25.804409, -80.130115 | Roadway | Coating |
| SWR_MNH_23033 | 28C | 2021-03-19 | 7.9 | 2836 Royal Palm Ave | 25.805095 -80.130028 | Roadway | Coating |
| SWR_MNH_23061 | 28C | 2021-03-19 | 3.8 | 525 W 29th St | 25.805715, -80.130917 | Roadway | Coating |
| SWR_MNH_23063 | 28C | 2021-03-19 | 7.4 | 510 W 29th St | 25.805692, -80.130216 | Roadway | Coating |
| SWR_MNH_23069 | 28C | 2021-03-22 | 4.8 | 335 W 28th St | 25.804766, -80.129024 | Yard | Coating |
| SWR_MNH_23071 | 28C | 2021-03-22 | 8.9 | 333 W 28th St | 25.804682 -80.128804 | Roadway | Coating |
| SWR_MNH_23074 | 28C | 2021-03-22 | 11.2 | 2800 Pine Tree Dr | 25.804579 -80.128250 | Yard | Coating |
| SWR_MNH_23100 | 28C | 2021-03-22 | 11.0 | 2800 Pine Tree Dr | 25.804760, -80.128222 | Yard | Coating |
| SWR_MNH_23101 | 28C | 2021-03-22 | 9.8 | 315 W 28th St | 25.804812, -80.128338 | Roadway | Coating |
| SWR_MNH_23104 | 28C | 2021-03-22 | 3.2 | 2851 Sheridan Ave | 25.805702, -80.128977 | Roadway | Coating |
| SWR_MNH_23106 | 28C | 2021-03-22 | 5.0 | 2840 Pine Tree Dr | 25.805613, -80.128024 | Parking Lot | Coating |
| SWR_MNH_23129 | 28C | 2021-03-19 | 5.6 | 535 W 30th St | 25.806532, -80.130882 | Roadway | Coating |
| SWR_MNH_23130 | 28C | 2021-03-19 | 7.0 | 30th St / Royal Palm Ave | 25.806539 -80.130107 | Roadway | Coating |
| SWR_MNH_23131 | 28C | 2021-03-23 | 7.0 | 3011 Royal Palm Ave | 25.806667, -80.130093 | Roadway | Coating |
| SWR_MNH_23132 | 28C | 2021-03-23 | 7.0 | 301 Royal Palm Ave | 25.806702 -80.130067 | Yard | Coating |
| SWR_MNH_23158 | 28C | 2021-03-22 | 4.0 | 3003 Sheridan Ave | 25.806524 -80.128794 | Roadway | Coating |
| SWR_MNH_23159 | 28C | 2021-03-22 | 3.6 | 325 W 30th St | 25.806531 -80.128390 | Roadway | Coating |
| SWR_MNH_23250 | 28C | 2021-03-23 | 5.3 | 2875 Pine Tree Dr | 25.806242 -80.127715 | Sidewalk | Coating |
| SWR_MNH_23253 | 28C | 2021-03-23 | 5.7 | 3001 Pine Tree Dr | 25.806687 -80.127645 | Yard | Coating |
| SWR_MNH_23361 | 28C | 2021-03-22 | 7.0 | 3141 Royal Palm Ave | 25.808424, -80.129986 | Yard | Coating |
| SWR_MNH_23386 | 28C | 2021-03-22 | 5.5 | 3034 Sheridan Ave | 25.807386, -80.129011 | Roadway | Coating |
| SWR_MNH_23416 | 28C | 2021-03-25 | 6.1 | W 34th St / Royal Palm Ave | 25.809339, -80.129859 | Roadway | Coating |
| SWR_MNH_23445 | 28C | 2021-03-24 | 3.7 | 3120 Pine Tree Dr | 25.807770 -80.127792 | Yard | Coating |
| SWR_MNH_23446 | 28C | 2021-03-24 | 5.0 | 2979 Flamingo Dr | 25.807237, -80.126587 | Roadway | Coating |
| SWR_MNH_23503 | 28C | 2021-03-24 | 4.7 | 3400 Pine Tree Dr | 25.809493 -80.127555 | Sidewalk | Coating |
| SWR_MNH_23506 | 28C | 2021-03-23 | 5.0 | 35th St / Pine Tree Dr | 25.809494, -80.127290 | Roadway | Coating |
| SWR_MNH_23508 | 28C | 2021-03-23 | 5.0 | 3350 Flamingo Dr | 25.809222, -80.125896 | Roadway | Coating |
| SWR_MNH_23509 | 28C | 2021-03-23 | 5.8 | 35th St / Flamingo Dr | 25.809536, -80.126170 | Yard | Coating |
| SWR_MNH_23531 | 28C | 2021-03-25 | 3.8 | 3454 Royal Palm Ave | 25.810348, -80.129844 | Yard | Coating |
| SWR_MNH_23532 | 28C | 2021-03-26 | 5.7 | 3455 Royal Palm Ave | 25.810324, -80.129723 | Yard | Coating |
| SWR_MNH_23537 | 28C | 2021-03-26 | 6.8 | W 37th St / Royal Palm Ave | 25.811130, -80.129609 | Roadway | Coating |
| SWR_MNH_23558 | 28C | 2021-03-26 | 5.3 | W 37th St / Sheridan Ave | 25.810991, -80.128607 | Roadway | Coating |
| SWR_MNH_23587 | 28C | 2021-03-25 | 3.4 | 3736 Royal Palm Ave | 25.811952, -80.129622 | Roadway | Coating |
| SWR_MNH_23588 | 28C | 2021-03-26 | 5.8 | 3745 Royal Palm Ave | 25.811949 -80.129486 | Yard | Coating |
| SWR_MNH_23591 | 28C | 2021-03-25 | 3.0 | 3790 Royal Palm Ave | 25.812759, -80.129505 | Yard | Coating |
| SWR_MNH_23619 | 28C | 2021-03-24 | 5.6 | 3540 Pine Tree Dr | 25.810257 -80.127421 | Yard | Coating |
| SWR_MNH_23620 | 28C | 2021-03-23 | 4.3 | 3545 Pine Tree Dr | 25.810166, -80.127194 | Yard | Coating |
| SWR_MNH_23640 | 28C | 2021-03-23 | 4.4 | 3701 Pine Tree Dr | 25.810867 -80.127108 | Yard | Coating |
| SWR_MNH_23641 | 28C | 2021-03-24 | 5.3 | 3724 Pine Tree Dr | 25.811252 -80.127292 | Yard | Coating |
| SWR_MNH_23642 | 28C | 2021-03-23 | 4.6 | 3725 Pine Tree Dr | 25.811248, -80.127050 | Yard | Coating |
| SWR_MNH_23643 | 28C | 2021-03-23 | 3.3 | 3541 Flamingo Dr | 25.810259 -80.126166 | Roadway | Coating |
| SWR_MNH_23675 | 28C | 2021-03-23 | 4.0 | 3759 Pine Tree Dr | 25.811848 -80.126972 | Yard | Coating |
| SWR_MNH_23677 | 28C | 2021-03-23 | 4.3 | 3795 Pine Tree Dr | 25.812612 -80.126837 | Yard | Coating |
| SWR_MNH_23893 | 28C | 2021-03-25 | 6.1 | 3791 Royal Palm Ave | 25.812939, -80.129356 | Roadway | Coating |
| SWR_MNH_23912 | 28C | 2021-03-26 | 6.5 | 552 W 41st St | 25.813735, -80.130539 | Roadway | Coating |
| SWR_MNH_23942 | 28C | 2022-01-20 | 6.7 | 460 W 41st St | 25.813715 -80.129264 | Roadway | Coating |
| SWR_MNH_23944 | 28C | 2021-03-26 | 7.0 | 474 W 41st St | 25.813720, -80.129286 | Roadway | Coating |
| SWR_MNH_23945 | 28C | 2021-03-29 | 6.0 | 4166 Royal Palm Ave | 25.814280 -80.129176 | Roadway | Coating |
| SWR_MNH_23974 | 28C | 2021-03-31 | 5.8 | 400 W 42nd St | 25.814264 -80.128375 | Unpaved Alley | Coating |
| SWR_MNH_23975 | 28C | 2021-03-29 | 5.4 | 4100 Prairie Ave | 25.814314, -80.130558 | Yard | Coating |
| SWR_MNH_23977 | 28C | 2021-03-29 | 5.4 | 555 Arthur Godfrey Rd | 25.814304, -80.130379 | RoadwaySidewalk | Coating |
| SWR_MNH_23994 | 28C | 2021-03-29 | 4.1 | 4215 Prairie Ave | 25.815436, -80.130323 | Yard | Coating |
| SWR_MNH_24018 | 28C | 2021-03-30 | 5.9 | 4166 Royal Palm Ave | 25.814827, -80.129079 | Roadway | Coating |
| SWR_MNH_24019 | 28C | 2021-03-30 | 6.0 | W 42nd St / Royal Palm Ave | 25.814921, -80.129061 | Roadway | Coating |
| SWR_MNH_24020 | 28C | 2021-03-30 | 5.8 | 4201 Royal Palm Ave | 25.814978, -80.129052 | Roadway | Coating |
| SWR_MNH_24022 | 28C | 2021-03-30 | 5.1 | 435 W 42nd St | 25.814832 -80.128227 | SidewalkYard | Coating |
| SWR_MNH_24055 | 28C | 2021-03-23 | 4.4 | 4025 Pine Tree Dr | 25.813055, -80.126539 | Roadway | Coating |
| SWR_MNH_24056 | 28C | 2021-03-29 | 4.3 | 4049 Pine Tree Dr | 25.813404 -80.126412 | Roadway | Coating |
| SWR_MNH_24087 | 28C | 2021-03-31 | 5.5 | 4101 Pine Tree Dr | 25.814414, -80.126206 | Roadway | Coating |
| SWR_MNH_24088 | 28C | 2021-03-31 | 7.7 | 4101 Pine Tree Dr | 25.814444 -80.126201 | Roadway | Coating |
| SWR_MNH_24089 | 28C | 2021-03-31 | 5.2 | 4221 Pine Tree Dr | 25.815348, -80.126038 | Yard | Coating |
| SWR_MNH_24114 | 28C | 2021-03-30 | 4.8 | 4244 Post Ave | 25.815887, -80.129415 | Roadway | Coating |
| SWR_MNH_24115 | 28C | 2021-03-29 | 3.7 | 4283 Prairie Ave | 25.816527, -80.130284 | Yard | Coating |

Appendix D2 - Manhole Inspections

| Manhole ID | Basin | Inspection Date | Depth (ft) | Address | Coordinates | Location | Repair Recommendation |
|---------------|-------|-----------------|------------|----------------------------|-----------------------|-------------|-----------------------|
| SWR_MNH_24117 | 28C | 2021-03-29 | 3.8 | 4301 Prairie Ave | 25.816910 -80.130268 | Yard | Coating |
| SWR_MNH_24142 | 28C | 2021-03-30 | 5.6 | Royal Palm Ave / W 43rd St | 25.815806, -80.128860 | Roadway | Coating |
| SWR_MNH_24143 | 28C | 2021-03-30 | 5.3 | 4325 Royal Palm Ave | 25.816360, -80.128473 | Roadway | Coating |
| SWR_MNH_24144 | 28C | 2021-03-30 | 4.2 | 4350 Post Ave | 25.817023 -80.129211 | Roadway | Coating |
| SWR_MNH_24171 | 28C | 2021-03-30 | 4.8 | Royal Palm Ave / W 44th St | 25.816990, -80.128187 | Roadway | Coating |
| SWR_MNH_24172 | 28C | 2021-03-29 | 4.8 | 4300 Chase Ave | 25.817168, -80.130500 | Roadway | Coating |
| SWR_MNH_24204 | 28C | 2021-03-30 | 4.7 | 4453 Royal Palm Ave | 25.817915 -80.128031 | Roadway | Coating |
| SWR_MNH_24232 | 28C | 2021-03-31 | 4.5 | 4250 Pine Tree Dr | 25.815595, -80.126263 | Yard | Coating |
| SWR_MNH_24233 | 28C | 2021-03-31 | 3.8 | 340 W 44th St | 25.816676 -80.127081 | Roadway | Coating |
| SWR_MNH_24235 | 28C | 2021-03-31 | 4.7 | 4385 Pine Tree Dr | 25.816168 -80.125881 | Yard | Coating |
| SWR_MNH_24294 | 28C | 2021-03-31 | 4.6 | 4444 Pine Tree Dr | 25.817593, -80.125906 | Yard | Coating |
| SWR_MNH_24295 | 28C | 2021-03-31 | 5.6 | 4411 Pine Tree Dr | 25.818463, -80.125481 | Roadway | Coating |
| SWR_MNH_24413 | 28A | 2022-01-19 | 4.8333 | 4430 Alton Rd | 25.818514 -80.136141 | Roadway | Coating |
| SWR_MNH_24414 | 28A | 2021-04-02 | 4 | 4436 Alton Rd | 25.818834 -80.136126 | Roadway | Coating |
| SWR_MNH_24417 | 28A | 2022-01-19 | 4.5 | 4450 Alton Rd | 25.819466 -80.135859 | Roadway | Coating |
| SWR_MNH_24446 | 28A | 2021-04-12 | 4.25 | 4510 N Michigan Ave | 25.819805 -80.134469 | Yard | Coating |
| SWR_MNH_24448 | 28A | 2021-04-01 | 4.1667 | 4462 N Bay Rd | 25.820028, -80.136778 | Roadway | Coating |
| SWR_MNH_24477 | 28A | 2021-04-01 | 3.5833 | 4541 N Bay Rd | 25.820943 -80.137021 | Roadway | Coating |
| SWR_MNH_24480 | 28A | 2021-04-02 | 3.9167 | 4520 Alton Rd | 25.820814 -80.136245 | Roadway | Coating |
| SWR_MNH_24482 | 28A | 2021-04-02 | 4 | 4558 Alton Rd | 25.821336 -80.136283 | Roadway | Coating |
| SWR_MNH_24483 | 28A | 2021-04-12 | 3.6667 | 4555 Alton Rd | 25.821391 -80.135719 | Yard | Coating |
| SWR_MNH_24658 | 28A | 2021-04-06 | 3.9167 | 4585 Alton Rd | 25.821849, -80.135499 | Yard | Coating |
| SWR_MNH_24692 | 28A | 2021-04-01 | 4 | 4700 N Bay Rd | 25.823231, -80.136360 | Sidewalk | Coating |
| SWR_MNH_24693 | 28A | 2021-04-02 | 4.1667 | 4650 Alton Rd | 25.822906 -80.135600 | Roadway | Coating |
| SWR_MNH_24694 | 28A | 2021-04-01 | 3.5833 | 4703 N Bay Rd | 25.823163, -80.136221 | Roadway | Coating |
| SWR_MNH_24721 | 28A | 2021-04-01 | 3.75 | 4712 N Bay Rd | 25.823684, -80.136113 | Sidewalk | Coating |
| SWR_MNH_24722 | 28A | 2021-04-01 | 3.75 | 4720 N Bay Rd | 25.823904, -80.135958 | Sidewalk | Coating |
| SWR_MNH_24723 | 28A | 2021-04-01 | 3.5 | 4717 N Bay Rd | 25.823904 -80.135740 | Sidewalk | Coating |
| SWR_MNH_24724 | 28A | 2021-04-01 | 3.4167 | 4727 N Bay Rd | 25.824102, -80.135561 | Sidewalk | Coating |
| SWR_MNH_24726 | 28A | 2021-04-02 | 3.4167 | 4708 Alton Rd | 25.823239, -80.135423 | Roadway | Coating |
| SWR_MNH_24749 | 28A | 2021-04-02 | 3.25 | 4720 Alton Rd | 25.823592, -80.135163 | Roadway | Coating |
| SWR_MNH_24876 | 28A | 2021-04-01 | 3.4167 | 4736 N Bay Rd | 25.824351 -80.135526 | Yard | Coating |
| SWR_MNH_24877 | 28A | 2021-04-01 | 3.0833 | 4737 N Bay Rd | 25.824332, -80.135289 | Sidewalk | Coating |
| SWR_MNH_24924 | 28A | 2021-04-01 | 2.5 | 4810 N Bay Rd | 25.825615 -80.133898 | Roadway | Coating |
| SWR_MNH_25101 | 28C | 2021-03-30 | 4.3 | 600 W 45th St | 25.818911, -80.128925 | Roadway | Coating |
| SWR_MNH_25102 | 28C | 2021-03-30 | 5.3 | Royal Palm Ave / W 45th St | 25.818809, -80.127876 | Roadway | Coating |
| SWR_MNH_25103 | 28C | 2021-03-30 | 5.0 | 4544 Post Ave | 25.819902 -80.128742 | Yard | Coating |
| SWR_MNH_25160 | 28C | 2021-03-30 | 4.0 | Post Ave / W 46th St | 25.820826 -80.128543 | Roadway | Coating |
| SWR_MNH_25188 | 28C | 2021-03-30 | 4.7 | 4525 Royal Palm Ave | 25.819847 -80.127673 | Roadway | Coating |
| SWR_MNH_25189 | 28C | 2021-03-31 | 4.8 | 4519 Sheridan Ave | 25.819351, -80.126607 | Roadway | Coating |
| SWR_MNH_25190 | 28C | 2021-03-31 | 5.6 | 4490 Pine Tree Dr | 25.818509 -80.125770 | Roadway | Coating |
| SWR_MNH_25191 | 28C | 2021-03-31 | 3.9 | 4516 Pine Tree Dr | 25.819436 -80.125591 | Yard | Coating |
| SWR_MNH_25219 | 28C | 2021-03-31 | 4.7 | 4539 Pine Tree Dr | 25.819696, -80.125254 | Roadway | Coating |
| SWR_MNH_25250 | 28C | 2021-03-30 | 3.8 | 340 W 46th St | 25.820856, -80.126867 | Roadway | Coating |
| SWR_MNH_25252 | 28C | 2021-03-31 | 4.1 | 4560 Sheridan Ave | 25.820461, -80.126083 | Roadway | Coating |
| SWR_MNH_25258 | 28C | 2021-03-30 | 3.6 | 651 W 47th St | 25.821807, -80.129323 | Roadway | Coating |
| SWR_MNH_25317 | 28C | 2021-03-30 | 3.6 | 333 W 47th St | 25.821877, -80.126830 | Roadway | Coating |
| SWR_MNH_25318 | 28C | 2021-03-30 | 3.8 | 333 W 47th St | 25.821877, -80.126762 | Roadway | Coating |
| SWR_MNH_25319 | 28C | 2021-03-30 | 2.6 | 337 W 4th Ave | 25.822103 -80.126779 | Sidewalk | Coating |
| SWR_MNH_25320 | 28C | 2021-03-30 | 4.3 | 4646 Pine Tree Dr | 25.821898, -80.126031 | Roadway | Coating |
| SWR_MNH_25321 | 28C | 2021-03-31 | 3.6 | 315 W 47th St | 25.821995, -80.126035 | Roadway | Coating |
| SWR_MNH_25322 | 28C | 2021-03-31 | 4.6 | Pine Tree Dr / W 47th St | 25.821892 -80.125906 | Roadway | Coating |
| SWR_MNH_25323 | 28C | 2021-03-31 | 4.6 | Pine Tree Dr / W 47th St | 25.822000 -80.125924 | Roadway | Coating |
| SWR_MNH_25353 | 28C | 2021-03-31 | 4.0 | 4800 Pine Tree Dr | 25.823536, -80.125620 | RoadwayYard | Coating |
| SWR_MNH_25355 | 28C | 2021-03-31 | 5.1 | 4821 Pine Tree Dr | 25.823996, -80.125246 | Yard | Coating |
| SWR_MNH_25356 | 28C | 2021-03-31 | 3.8 | 4839 Pine Tree Dr | 25.824013 -80.125091 | Sidewalk | Coating |
| SWR_MNH_25546 | 28C | 2021-03-31 | 3.8 | 4858 Pine Tree Dr | 25.824485, -80.125186 | Sidewalk | Coating |
| SWR_MNH_25603 | 28C | 2021-03-31 | 4.0 | 4950 Pine Tree Dr | 25.825555 -80.124916 | Sidewalk | Coating |
| SWR_MNH_25707 | 15A | 2021-04-16 | 8.7 | 5100 Pine Tree Dr | 25.827566 -80.125105 | Yard | Coating |
| SWR_MNH_25710 | 15A | 2021-04-13 | 7.7 | 5130 La Gorce Dr | 25.828083 -80.125061 | Roadway | Coating |
| SWR_MNH_25734 | 15A | 2021-04-13 | 3.7 | 5225 La Gorce Dr | 25.829622 -80.125304 | Yard | Coating |
| SWR_MNH_25841 | 15A | 2021-04-13 | 6.8 | 5252 La Gorce Dr | 25.830037 -80.125410 | Roadway | Coating |
| SWR_MNH_25843 | 15A | 2021-04-13 | 6.7 | 5335 La Gorce Dr | 25.831050 -80.125364 | Roadway | Coating |
| SWR_MNH_25872 | 15A | 2021-04-16 | 3.6 | 5335 La Gorce Dr | 25.831139 -80.125276 | Roadway | Coating |
| SWR_MNH_25873 | 15A | 2021-04-13 | 7.2 | La Gorce Dr / W 54th St | 25.831770 -80.125324 | Yard | Coating |
| SWR_MNH_25875 | 15A | 2021-04-13 | 6.5 | 5420 La Gorce Dr | 25.832232 -80.125284 | Roadway | Coating |
| SWR_MNH_25964 | 15A | 2021-04-12 | 6.8 | La Gorce Dr / W 55th St | 25.833226 -80.125129 | Yard | Coating |

Appendix D2 - Manhole Inspections

| Manhole ID | Basin | Inspection Date | Depth (ft) | Address | Coordinates | Location | Repair Recommendation |
|---------------|-------|-----------------|------------|---------------------------|-----------------------|-------------|-----------------------|
| SWR_MNH_25966 | 15A | 2021-04-12 | 6.3 | 5565 La Gorce Dr | 25.834318 -80.124933 | Roadway | Coating |
| SWR_MNH_25967 | 15A | 2021-04-12 | 3.6 | 5543 La Gorce Dr | 25.834089 -80.124907 | Yard | Coating |
| SWR_MNH_25968 | 15A | 2021-04-12 | 6.8 | La Gorce Dr / W 56th St | 25.834858 -80.124875 | Yard | Coating |
| SWR_MNH_25969 | 15A | 2021-04-12 | 6.0 | 5605 La Gorce Dr | 25.834861 -80.124798 | Roadway | Coating |
| SWR_MNH_26048 | 15A | 2021-04-14 | 4.2 | 5562 Pine Tree Dr | 25.834311 -80.123931 | Roadway | Coating |
| SWR_MNH_26111 | 15A | 2021-04-12 | 6.1 | La Gorce Dr / W 57th St | 25.836446 -80.124785 | Yard | Coating |
| SWR_MNH_26131 | 15A | 2021-04-12 | 3.3 | 5747 La Gorce Dr | 25.837350 -80.124679 | Yard | Coating |
| SWR_MNH_26159 | 15A | 2021-04-09 | 5.7 | 5860 La Gorce Dr | 25.839123 -80.125060 | Roadway | Coating |
| SWR_MNH_26160 | 15A | 2021-04-09 | 5.3 | 5861 La Gorce Dr | 25.839157 -80.124964 | Roadway | Coating |
| SWR_MNH_26185 | 15A | 2021-04-09 | 6.0 | 6001 La Gorce Dr | 25.840867 -80.125495 | Yard | Coating |
| SWR_MNH_26210 | 15A | 2021-04-14 | 4.0 | 5758 Pine Tree Dr | 25.837500 -80.123821 | Roadway | Coating |
| SWR_MNH_26271 | 15A | 2021-04-14 | 4.2 | 5812 Pine Tree Dr | 25.838530 -80.123922 | Roadway | Coating |
| SWR_MNH_27892 | 15A | 2022-01-20 | 0.0 | 1181 W 60t St | 25.841100 -80.129538 | Yard | Coating |
| SWR_MNH_27896 | 15A | 2021-04-08 | 3.3 | 6000 N Bay Rd | 25.842174 -80.130608 | Roadway | Coating |
| SWR_MNH_27928 | 15A | 2021-04-08 | 2.9 | 6050 N Bay Rd | 25.842836 -80.129667 | Roadway | Coating |
| SWR_MNH_27951 | 15A | 2021-04-08 | 3.3 | 6100 N Bay Rd | 25.843249 -80.129228 | Roadway | Coating |
| SWR_MNH_27955 | 15A | 2021-04-09 | 4.1 | 460 W 62nd St | 25.842678 -80.128001 | Yard | Coating |
| SWR_MNH_27957 | 15A | 2021-04-09 | 3.7 | 463 W 62nd St | 25.842791 -80.127955 | Yard | Coating |
| SWR_MNH_27959 | 15A | 2021-04-09 | 2.7 | 6211 Alton Rd | 25.843143 -80.127797 | Roadway | Coating |
| SWR_MNH_27961 | 15A | 2021-04-08 | 3.3 | 1200 W 63rd St | 25.843350 -80.128447 | Yard | Coating |
| SWR_MNH_27975 | 15A | 2021-04-09 | 5.7 | La Gorce Dr / W 61st St | 25.841872 -80.125858 | Yard | Coating |
| SWR_MNH_27996 | 15A | 2021-04-14 | 4.1 | Pine Tree Dr / W 61st St | 25.842175 -80.124929 | Roadway | Coating |
| SWR_MNH_27997 | 15A | 2021-04-09 | 3.3 | 457 W 62nd St | 25.842697 -80.127481 | Yard | Coating |
| SWR_MNH_27998 | 15A | 2021-04-09 | 3.9 | 441 W 62nd St | 25.842674 -80.127283 | Yard | Coating |
| SWR_MNH_27999 | 15A | 2021-04-09 | 5.2 | 6155 La Gorce Dr | 25.842814 -80.126231 | Roadway | Coating |
| SWR_MNH_28000 | 15A | 2021-04-09 | 3.2 | 6237 Alton Rd | 25.843488 -80.127460 | Gutter | Coating |
| SWR_MNH_28024 | 15A | 2021-04-09 | 4.0 | 6225 La Gorce Dr | 25.843652 -80.126556 | Roadway | Coating |
| SWR_MNH_28057 | 15A | 2021-04-08 | 2.7 | 6420 N Bay Rd | 25.845109 -80.127590 | Roadway | Coating |
| SWR_MNH_28093 | 15A | 2021-04-08 | 3.5 | 6421 Pine Tree Cir | 25.844779 -80.126984 | Yard | Coating |
| SWR_MNH_28095 | 15A | 2021-04-08 | 2.9 | 6385 Pine Tree Dr Cir | 25.845219 -80.126418 | Roadway | Coating |
| SWR_MNH_28097 | 15A | 2021-04-08 | 2.7 | 6301 Pine Tree Dr | 25.844104 -80.125614 | Yard | Coating |
| SWR_MNH_28115 | 15A | 2021-04-08 | 3.3 | 6455 Pine Tree Dr Cir | 25.846156 -80.126354 | Yard | Coating |
| SWR_MNH_28507 | 19 | 2021-02-05 | 6.9 | 67th St / Indian Creek Dr | 25.850683, -80.121632 | Roadway | Coating |
| SWR_MNH_28531 | 19 | 2021-02-08 | 5.5 | 6687 Collins Ave | 25.850152 -80.120307 | Roadway | Coating |
| SWR_MNH_28896 | 19 | 2021-02-03 | 4.4 | 6844 Abbott Ave | 25.853188, -80.122272 | Roadway | Coating |
| SWR_MNH_28923 | 19 | 2021-02-02 | 6.8 | 6931 Indian Creek Dr | 25.854740, -80.124151 | Roadway | Coating |
| SWR_MNH_28924 | 19 | 2021-02-03 | 5.6 | 6970 Carlyle Ave | 25.855085, -80.124190 | Yard | Coating |
| SWR_MNH_28948 | 19 | 2021-02-03 | 6.0 | Abbott Ave / 69th St | 25.854190, -80.122312 | Roadway | Coating |
| SWR_MNH_29046 | 19 | 2021-02-03 | 4.6 | 71st St / Carlyle Ave | 25.855916, -80.124157 | Roadway | Coating |
| SWR_MNH_31809 | 28A | 2021-04-05 | 5.1667 | 4251 N Bay Rd | 25.814704 -80.137855 | Sidewalk | Coating |
| SWR_MNH_31810 | 28A | 2021-04-02 | 5 | 4236 Alton Rd | 25.814794 -80.137500 | Yard | Coating |
| SWR_MNH_5542 | 1C | 2021-02-25 | 2.0 | 19 St / Jefferson Ave | 25.794861 -80.137785 | Roadway | Coating |
| SWR_MNH_5594 | 1C | 2021-02-25 | 4.5 | Meridian Ave / 17th St | 25.792172 -80.136578 | Roadway | Coating |
| SWR_MNH_5595 | 1C | 2021-02-25 | 4.2 | Meridian Ave / 17th St | 25.792168 -80.136556 | Roadway | Coating |
| SWR_MNH_5649 | 1C | 2021-03-03 | 7.0 | 1659 Washington Ave | 25.791129 -80.131882 | Roadway | Seal Leaks & Coating |
| SWR_MNH_5652 | 1C | 2022-01-10 | 5.0 | 500 17th St | 25.792079 -80.133871 | Sidewalk | Coating |
| SWR_MNH_6832 | 28C | 2021-03-19 | 7.0 | 2301 Alton Rd | 25.803875 -80.135925 | Yard | Coating |
| SWR_MNH_6889 | 28C | 2021-03-19 | 7.0 | 2800 Fairgreen Dr | 25.804094 -80.131134 | Roadway | Coating |
| SWR_MNH_7051 | 28C | 2021-03-26 | 4.6 | 3470 N Meridian Ave | 25.810743, -80.134135 | Roadway | Coating |
| SWR_MNH_7052 | 28C | 2021-03-26 | 4.2 | Barry St / Garden Ave | 25.811326, -80.134988 | Roadway | Coating |
| SWR_MNH_7807 | 28C | 2021-03-22 | 8.1 | 333 W 28th St | 25.804744, -80.128826 | Roadway | Coating |
| SWR_MNH_7808 | 28C | 2021-03-22 | 4.3 | 2816 Sheridan Ave | 25.804778, -80.129119 | Roadway | Coating |
| SWR_MNH_7809 | 28C | 2022-01-19 | 3.3 | 337 W 28th St | 25.805133 -80.128755 | Paved Alley | Coating |
| SWR_MNH_7859 | 28C | 2021-03-22 | 9.3 | 2800 Pine Tree Dr | 25.804860, -80.128131 | Roadway | Coating |
| SWR_MNH_7860 | 28C | 2021-03-22 | 10.0 | 2800 Pine Tree Dr | 25.804902, -80.128139 | Yard | Coating |
| SWR_MNH_7861 | 28C | 2021-03-22 | 6.1 | 2800 Pine Tree Dr | 25.804967, -80.128114 | Yard | Coating |
| SWR_MNH_7862 | 28C | 2021-03-23 | 7.3 | 2801 Pine Tree Dr | 25.804973 -80.127877 | Roadway | Coating |
| SWR_MNH_8080 | 28C | 2021-03-22 | 5.4 | 3144 Royal Palm Ave | 25.808441 -80.130102 | Yard | Coating |
| SWR_MNH_8081 | 28C | 2021-03-22 | 5.0 | 3141 Royal Palm Ave | 25.808421, -80.129943 | Yard | Coating |
| SWR_MNH_9332 | 28A | 2021-04-01 | 2.75 | 4771 N Bay Rd | 25.824981, -80.134474 | Sidewalk | Coating |
| SWR_MNH_9333 | 28A | 2021-04-01 | 2.75 | 4766 N Bay Rd | 25.825093, -80.134547 | Yard | Coating |
| SWR_MNH_9871 | 28C | 2021-03-31 | 4.1 | 4900 Pine Tree Dr | 25.825085 -80.124997 | Sidewalk | Coating |
| SWR_MNH_9872 | 28C | 2021-03-31 | 3.8 | 4887 Pine Tree Dr | 25.825110 -80.124724 | Yard | Coating |

City of Miami Beach
Appendix D3 - Corrective Action Plan - Video Inspection
Basin 1C

| Basin Number | Upstream Manhole | Downstream Manhole | Length (feet) | Diameter (inches) | Material | Lateral Count | Repair Description | Location(s) as Applicable (Feet from Upstream Manhole) |
|--------------|------------------|--------------------|---------------|-------------------|----------|---------------|---|--|
| 1C | 5649 | 20568 | 427 | 15 | VCP | 7 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 49, 98, 251, 350 |
| 1C | 18203 | 14440 | 111.1 | 8 | VCP | 6 | Excavated repair | 111 |
| 1C | 18203 | 14440 | 111.1 | 8 | VCP | 6 | Install mainline liner | |
| 1C | 18203 | 14440 | 111.1 | 8 | VCP | 6 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 22, 34, 65, 126 |
| 1C | 18301 | 14440 | 401.5 | 8 | VCP | 18 | Excavated repair | 302 |
| 1C | 18301 | 14440 | 401.5 | 8 | VCP | 18 | Install mainline liner | |
| 1C | 18302 | 18363 | 401.1 | 8 | VCP | 8 | Install mainline liner (review joint offsets 17' 31') | |
| 1C | 17799 | 17797 | 170.1 | 8 | VCP | 2 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 68, 143 |
| 1C | 18305 | 17798 | 320.5 | 8 | VCP | 17 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 104, 150, 303 |
| 1C | 19533 | 19501 | 198.6 | 8 | VCP | 8 | Install mainline liner | |
| 1C | 19533 | 19501 | 198.6 | 8 | VCP | 8 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 164 |
| 1C | 19592 | 19536 | 17.7 | 8 | VCP | 1 | Excavated repair | 17 |
| 1C | 19592 | 19536 | 17.7 | 8 | VCP | 1 | Install mainline liner | |
| 1C | 18190 | 18249 | 452.5 | 18 | Liner | 13 | Excavated repair | 150 |
| 1C | 18190 | 18249 | 452.5 | 18 | Liner | 13 | Grout laterals to address annular space leakage. | 52, 55, 153, 201, 350, 353 |

City of Miami Beach
Appendix D3 - Corrective Action Plan - Video Inspection
Basin 1C

| Basin Number | Upstream Manhole | Downstream Manhole | Length (feet) | Diameter (inches) | Material | Lateral Count | Repair Description | Location(s) as Applicable (Feet from Upstream Manhole) |
|--------------|------------------|--------------------|---------------|-------------------|----------|---------------|---|--|
| 1C | 18190 | 18249 | 452.5 | 18 | Liner | 13 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 52, 55, 102, 104, 201, 204, 253, 255, 353 |
| 1C | 20540 | 5649 | 150 | 15 | VCP | 4 | Clean for heavy grease. Install mainline liner. | |
| 1C | 17351 | 17381 | 255.1 | 15 | Liner | 1 | Grout defect in liner | 98 |
| 1C | 17351 | 17381 | 255.1 | 15 | Liner | 1 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 96 |
| 1C | 19536 | 19592 | 349.6 | 8 | VCP | 10 | Excavated repair | 349 |
| 1C | 19536 | 19592 | 349.6 | 8 | VCP | 10 | Install mainline liner | |

City of Miami Beach
Appendix D3 - Corrective Action Plan - Video Inspection
Basin 15A

| Basin Number | Upstream Manhole | Downstream Manhole | Length (feet) | Diameter (inches) | Material | Lateral Count | Repair Description | Location(s) as Applicable (Feet from Upstream Manhole) |
|--------------|------------------|--------------------|---------------|-------------------|---------------------------|---------------|---|--|
| 15A | 28095 | 28093 | 234.48 | 8 | Lined | 1 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 51 |
| 15A | 28025 | 28024 | 66.04 | 8 | VCP | 0 | Excavated repair | 46-52 |
| 15A | 25970 | 25968 | 170 | 8 | VCP | 2 | Seal manhole channel | |
| 15A | 25970 | 25968 | 170 | 8 | VCP | 2 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 42, 102 |
| 15A | 28024 | 27999 | 318.27 | 10 | VCP | 5 | Install mainline liner | |
| 15A | 27951 | 27928 | 202.1 | 8 | PVC | 2 | Install sectional liner | 4 |
| 15A | 27951 | 27928 | 202.1 | 8 | PVC | 2 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 46 |
| 15A | 27974 | 27996 | 319.6 | 8 | Concrete | 9 | Install mainline liner | |
| 15A | 27974 | 27996 | 319.6 | 8 | Concrete | 9 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 21, 51, 90, 111, 141, 183, 210, 260, 276 |
| 15A | 26273 | 27974 | 294.1 | 8 | Concrete | 6 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 197, 272 |
| 15A | 27961 | 27964 | 33.2 | 8 | Concrete (not reinforced) | 0 | Excavated repair | 33 |
| 15A | 27961 | 27964 | 33.2 | 8 | Concrete (not reinforced) | 0 | Install mainline liner | |
| 15A | 25966 | 25964 | 390.5 | 12 | VCP | 6 | Install mainline liner | |
| 15A | 25966 | 25964 | 390.5 | 12 | VCP | 6 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 47 |
| 15A | 27928 | 27895 | 383.2 | 8 | PVC | 6 | Install sectional liner | 8, 363 |

City of Miami Beach
Appendix D3 - Corrective Action Plan - Video Inspection
Basin 19

| Basin Number | Upstream Manhole | Downstream Manhole | Length (feet) | Diameter (inches) | Material | Lateral Count | Repair Description | Location(s) as Applicable (Feet from Upstream Manhole) |
|--------------|------------------|--------------------|---------------|-------------------|----------|---------------|---|--|
| 19 | 29046 | 29022 | 270.9 | 8 | VCP | 9 | Install mainline liner | --- |
| 19 | 29046 | 29022 | 270.9 | 8 | VCP | 9 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 19, 67, 126, 144, 225 |

City of Miami Beach
Appendix D3 - Corrective Action Plan - Video Inspection
Basin 28C

| Basin Number | Upstream Manhole | Downstream Manhole | Length (feet) | Diameter (inches) | Material | Lateral Count | Repair Description | Location(s) as Applicable (Feet from Upstream Manhole) |
|--------------|------------------|--------------------|---------------|-------------------|----------|---------------|---|--|
| 28C | 21995 | 23129 | 248.2 | 8 | Lined | 6 | Install sectional liner | 51 |
| 28C | 21995 | 23129 | 248.2 | 8 | Lined | 6 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 68, 134, 149, 218, 236 |
| 28C | 23890 | 23590 | 325.2 | 8 | VCP | 8 | Install mainline liner | |
| 28C | 23890 | 23590 | 325.2 | 8 | VCP | 8 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 96, 118, 160, 222 |
| 28C | 22100 | 22102 | 138.7 | 8 | VCP | 0 | Full length mainline liner | |
| 28C | 22953 | 22955 | 198.6 | 8 | UNK | 8 | Full length mainline liner | |
| 28C | 22953 | 22955 | 198.6 | 8 | UNK | 8 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 64, 111, 113, 164, 167 |
| 28C | 23387 | 23386 | 129.3 | 8 | VCP | 3 | Full length mainline liner | |
| 28C | 23387 | 23386 | 129.3 | 8 | VCP | 3 | Verify suspect lateral repair (excavated point repair and/or lateral liner) | 9, 12 |