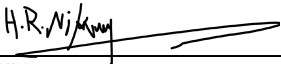




PROCUREMENT EXPLANATION MEMO

TO: City Manager

VIA: Chief Procurement Officer

FROM: Hamid Nikvan
 Director

 Signature

NMB Water
 Department
4/15/2026
 Date

RE: SSES Cycle 3 - Phase 1 Report RFI Response and Phase 2 ReportFiscal Amount not to Exceed: \$ 88,100.00Vendor # 482933**Purpose (How does it align with City NMB Strategic Plan?):**

This procurement will retain Hazen and Sawyer to provide Cycle 3 SSES regulatory assistance in compliance with Miami-Dade County Code. This aligns with the City of North Miami Beach Strategic Plan by supporting Infrastructure & Resilience and a Safe & Clean Community through reliable wastewater system management and environmental protection.

Background:

The City, a Volume Sewer Customer of the Miami-Dade Water and Sewer Department, must complete recurring SSES requirements mandated by the Miami-Dade Department of Environmental Resources Management. Hazen submitted the Phase 1 SSES Report on November 12, 2022. On May 8, 2025, DERM issued an RFI deeming the report incomplete and requiring revisions under updated 2024 guidelines. Revised Phase 1 and Phase 2 reports are due by November 12, 2026.

Recommendation:

Approve a task order under RFQ19-082 MC with Hazen and Sawyer to provide regulatory support services. Their prior experience ensures continuity, efficiency, and timely compliance, reducing risk of enforcement actions and supporting the City's infrastructure and environmental objectives.

Fiscal Impact / Account Number(s):

FY26: 450910-535310 - \$88,100.00

Finance Director: _____

Date _____

Chief Procurement Officer: _____
 (Purchases/Contract up to \$25,000.00)

Date _____

City Manager: _____

Date _____



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

March 3, 2026

Pedro Melo
Assistant Director
City of North Miami Beach
171050 NE 19th Avenue
North Miami Beach, FL, 33162

Re: Cycle 3 SSES Regulatory Assistance

Dear Mr. Melo:

Hazen and Sawyer (Hazen) is pleased to provide this engineering services proposal to support ongoing Sanitary Sewer Evaluation Survey (SSES) tasks related to Miami-Dade County Code compliance requirements in the City of North Miami Beach (City). The engineering services for this project will be performed as part of our Professional Services Agreement RFQ19-082 MC. A project background, scope of work, schedule, and fee proposal are presented herein.

Background

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.

Hazen assisted the City, a VSC of MDWASD, with third-cycle SSES activities including development of the required Cycle 3, Phase 1 SSES Report (Phase 1 Report). The Phase 1 SSES Report was submitted to the Miami-Dade Department of Environmental Resources Management (DERM) on November 12, 2022.

DERM reviewed the Phase 1 Report and provided comments and a Request for Information (RFI) dated May 8, 2025. The DERM RFI characterized the report as “incomplete” and included a detailed list of items to be addressed in a revised Phase 1 Report submittal required on or before November 12, 2026. DERM has since stated that **none** of the VSC submittals were accepted as complete; this status appears to relate at least in part to a change in DERM’s interpretation of certain SSES requirements, as well as DERM’s application of modified SSES guidelines that were published in 2024 **after** submittal of the Phase 1 Report. It is noted that the Cycle 3, Phase 2 SSES Report is also due on or before November 12, 2026.

The following Task Order Scope of Services provides for assistance in addressing the DERM RFI and developing the required Phase 1 and Phase 2 SSES Report submittals to DERM.

CONSULTANT TASK ORDER NO. 21 STATEMENT OF WORK

This Statement of Work is executed between the CITY OF NORTH MIAMI BEACH ("CITY") and (Hazen and Sawyer) ("CONSULTANT").

CITY and CONSULTANT agree that all of the Services authorized by this Statement of Work shall be subject to the terms and conditions set forth within the Agreement No. 19-082-MC for Professional Services on a Continuing Basis between CITY and CONSULTANT (the "Master Agreement"). Upon execution of this Statement of Work, the Master Agreement shall be incorporated into and be considered a part of this Statement of Work as if set forth herein in its entirety. Any capitalized terms which are not defined herein shall have the meanings defined in the Master Agreement.

1. Documents. The following Documents are incorporated into and shall be a part of this Statement of Work as if fully stated herein:
 - A. The Level of Effort (LOE) Justification attached hereto as **Attachment A**;
 - B. All parts of standards, reference manuals, regulations, and similar documents cited in this Statement of Work; and,
 - C. The following documents (if any): Please refer to attached Fee Spreadsheet.
2. Project Name, Description, and Number (the "Project"). The Project which is covered by this Statement of Work is named, described, and numbered as follows:

Sanitary Sewer Evaluation Survey Cycle 3 Regulatory Assistance

This project is a service associated with the CITY's selection of the CONSULTANT to provide professional services on a continuing basis in accordance with Florida Statute 287.055 – Consultants Competitive Negotiation Act ("CCNA"), CITY RFQ-19-082-MC for the following categories:

Water/Sewer Engineers

3. CONSULTANT's Services. The Services to be performed by CONSULTANT under this Statement of Work include all of the following:

Scope of Services

Hazen will provide engineering assistance to address the DERM comments and RFI items as requested by the City, and collaboratively work with the City to develop the required DERM submittals due on or before November 12, 2026. The below table briefly summarizes the items identified in the DERM RFI as requiring a response by the City. Associated assumptions are also noted. DERM's detailed comments are provided as **Attachment B** for convenient reference. **Attachment C** identifies specific items in the RFI as well as a source, where applicable, for the requirement in the Miami-Dade County Code or previously published DERM guidelines.

No.	SSES Cycle 3 Report Section / Issue	Brief Description	Assumptions for Hazen Proposal
1	Basin maps	Provide basin maps (see Comment No. 3).	---
2	DERM Table 1	Provide additional information (see Comment No. 4).	---
3	Basin maps	Provide a map for each basin.	Maps will be developed using the existing GIS and/or existing Sewer Atlas.
4	DERM Table 1	Include laterals in Table 1 and Inch-Diameter-Mile (IDM) for each basin. Manhole numbers should match basin maps.	Laterals (total number per basin and IDM) will be determined for each basin to the extent allowed using the existing GIS database. Manhole numbers will reflect information available in the existing GIS database.
5	Manhole inspection	Revise statement concerning manhole inspection per DERM direction. Include any I&I defects affecting manholes in a Manhole Corrective Action Plan (CAP) and document associated rehabilitation.	---
6	Corrective Action Plans	Provide pre- and post-repair photographic documentation for CAP defects.	Photos will be provided by City forces as needed. City to provide status on CAP for Smoke Test Defects. (No Manhole CAP or Video CAP was needed for the Phase 1 SSES Report.)
7	Smoke Test CAP	Revise Smoke Test CAP to create two CAPs: one for public defects and one for private defects. Use DERM-provided table for private defects. Revise Smoke Test CAP to include surcharge status, photo number, and rehabilitation completion date.	The DERM "Private I/I Defects" form will be populated to the extent possible using the existing smoke testing data.
8	Night flow measurements - Cycle 3	Submit night flow calculation reports for each basin.	---
9	Night flow measurements - Cycle 3	Submit DERM Certification Form for each basin.	---
10	Night flow measurements - Cycle 3	Submit tidal reports coinciding with night flow reports for each coastal basin (25, 26, 29, 33). Measurements are to be within 2 hours of high tide.	Tidal monitoring data will be selected using the nearest location(s) with available data for the study period.
11	Night flow measurements - Cycle 3	Provide a separate appendix to report upstream basin flow data and associated calculations. Include 001 (023); 004 (003, 005, 006, 009, 010, 020); 013 (011, 015); 020 (031, 032); 022 (021).	---
12	Night flow measurements - Cycle 3	Submit flow measurements/calculations for upstream/downstream basin repump relationships. Submit connectivity diagram verifying upstream/downstream basin repump relationships.	---

No.	SSES Cycle 3 Report Section / Issue	Brief Description	Assumptions for Hazen Proposal
13	Night flow measurements - Cycle 3	Submit night usage flow calculation report where usage is claimed and subtracted from night flow. Revise DERM Table 2 to show "0" usage if not subtracted.	---
14	GPDIM calculations	Document use of DERM formula in GPDIM calculations per DERM General Note No. 6.	---
15	DERM Table 2	Revise Table 2 to address DERM comments concerning upstream flows, usage, and use of specified GPDIM formula.	---
16	General	---	Where the DERM RFI addresses work performed by others, including smoke testing and associated corrective action, the RFI will be addressed to the extent permitted using the existing available deliverables and products of such work.
17	General	---	It is assumed no action is needed concerning DERM comments for which DERM notes " <i>Response is not required</i> ".
18	General	---	If services are extended beyond those stated or additional work is required to complete the project, an Amendment to this Service Order will be requested for continuation of engineering services.

4. Project Milestone Schedule. The Project Milestone Schedule is as follows:

All services will be performed in accordance with the schedule required for regulatory submittal, and will be initiated immediately following approval of this proposal.

5. CONSULTANT's Key Employees and Project Staffing Team. The following are CONSULTANT's Key Employees and subconsultants/vendors who will perform CONSULTANT's Services under this Task Order, and, with respect to Key Employees, the corresponding percentage of that Key Employee's time that will be devoted to performance of CONSULTANT's Services, and, with respect to subconsultants/vendors, the Services and Deliverables to be provided by the subconsultant/vendor.

<u>Name of Key Employee</u>	<u>% of Time for Services</u>
<i>Christopher Kish</i>	10
<i>Ethan Heijn</i>	15
<i>Michael Vinas</i>	15
<i>Rhyannan Campos</i>	20
<i>Sandra Pedre</i>	20

<u>Name of Subconsultant/Vendor</u>	<u>Services to be Provided</u>
N/A	N/A

CONSULTANT shall not substitute or substantially revise the responsibilities of Key Employees nor change Key Employees without the prior written consent of CITY.

6. Compensation and Reimbursable Expenses. CONSULTANT's Compensation for its Services shall be in accordance with the Agreement and the Compensation Schedule. CONSULTANT shall be compensated for Reimbursable Expenses according to the following Compensation Schedule subject to the limitations stated in the Master Agreement.

- ☒ The total lump sum amount of \$88,100;
- ☐ Reimbursable on a time and material basis at the rates set forth in the Master Agreement with a not to exceed amount of \$ _

The total not-to-exceed amount for the time and material services include Reimbursable Expenses incurred in accordance with the Master Agreement.

7. CITY's Designated Representative.

Pedro Melo – Assistant Director

8. CONSULTANT's Designated Representative.

Christopher Kish, P.E. – Vice President

9. Effective Date.

Notwithstanding anything herein to the contrary, this Statement of Work shall not be valid and enforceable unless and until CITY issues to CONSULTANT a purchase order for this Statement of Work. The Effective Date for this Statement of Work shall be the date of such purchase order.

CITY OF NORTH MIAMI BEACH:

Signature

Print

Title

Date

By: _____
Darvin Williams, City Manager

Date: _____

CONSULTANT:



Signature

Christopher L. Kish, PE

Print

Vice President

Title

March 3, 2026

Date



Attachment A: Level of Effort Justification

Fee Projection
City of North Miami Beach
Cycle 3 Sanitary Sewer Evaluation Survey Regulatory Assistance

Task	Vice President	Senior Associate	Senior Principal Engineer	Principal Engineer	Senior Principal Designer	Technician	Technical Typist	Total Hours	Total Fee
LABOR:									
Address RFI Items: Sewer Atlas and Pipe Inventory	4	8	24	8	24	0	0	68	\$11,860
Address RFI Items: Corrective Action Plans	8	16	48	32	16	0	0	120	\$20,590
Address RFI Items: Flow Data and Compliance Calculations	12	20	56	32	0	0	0	120	\$21,070
Address RFI Items: General/Miscellaneous	2	4	12	8	4	0	0	30	\$5,150
Develop and Submit Revised SSES Phase 1 Report	4	24	24	24	16	0	0	92	\$16,410
Develop and Submit SSES Phase 2 Report	4	12	24	24	12	0	0	76	\$13,020
Total Labor Fee	34	84	188	128	72	0	0	506	\$88,100

REIMBURSABLE COST:

	Quantity	Units	Unit Price	Amount
Other Direct Costs (mileage, printing/copying, miscellaneous)	0	Lump Sum	\$0.00	\$0
Field supplies	0	Lump Sum	\$0.00	\$0
Total Reimbursable Cost				\$0

TOTAL PROJECT COST **\$88,100**

LABOR RATES	\$245.01	\$226.63	\$161.50	\$142.24	\$168.84	\$120.58	\$82.51
--------------------	----------	----------	----------	----------	----------	----------	---------



Attachment B: DERM Comments dated May 8, 2025



Department of Regulatory and Economic Resources

Division of Environmental Resources Management

Water and Wastewater Division

701 NW 1st Court, 7th Floor Miami,

FL 33136-391

Ph: (305) 372-6920

May 8, 2025.

Mr. Hamid R. Nikvan
Public Works Director
City of North Miami Beach
17050 NE 19 Ave.
North Miami Beach, FL 331162
Email: hamid.nikvan@citynmb.com

ELECTRONIC CORRESPONDENCE ONLY

RE: Sewer System Evaluation Survey [SSES], Third Cycle Phase I Report, for the City of North Miami Beach sanitary sewer collection system. DERM Response Letter, Request for Information No.1 (RFI#1 / Matrix).

Dear Mr. Nikvan:

This Department of Regulatory and Economic Resources, Environmental Resources Management Division (RER-DERM) is in receipt of the SSES Third Cycle, Phase 1 Report, dated 11/16/2022, Phase1 Report, prepared and submitted by Mr. Christopher Kish, P.E., Hazen and Sawyer. The submittal has been reviewed pursuant to DERM Utilities-SSES Second and Third Cycle Guidelines-Minimum Requirements, DERM RFI#1/Matrix, and Section 24-42.2(3)(a) of Miami-Dade County Code.

The report is INCOMPLETE. The review of the report revealed that additional information is required. Please provide the information requested on DERM Request for Information No.1 (RFI #1/Matrix), dated May 8, 2025, (attached to this letter's email) submitting a Revised SSES Third Cycle Phase 1 Report in response to this letter according to the RFI#1/Matrix, General Notes, Note no.13 and no.14, before or on November 12, 2026.

Please the utility's engineer shall submit all utility SSES 3rd Cycle Reports to RER-DERM via DERM-File Transfer Protocol (FTP) Web Application. Upload the submittal(s) to the VSCO's File, City of North Miami Beach Folder Name, located in the FTP application.

Please, if you or/and your consultant (Mr. Kish) have any questions about the above please contact me, if you would like to schedule a virtual meeting, please contact Ms. Estele Anorga-WWD Administrative Secretary at Estelle.Anorga@miamidade.gov.

DERM will schedule a meeting with your office and Mr. Kish to discuss and respond any questions about the RFI#1/Matrix within thirty (30) days from this letter's date.

Sincerely,

Pablo Asencio

Pablo Asencio Engr.2
Water and Wastewater Division
Environmental Resources Management Division
Department of Regulatory and Economic Resources

Cc: Christopher Kish P.E.- Hazen and Sewer; via email: ckish@hazenandsawyer.com
Oscar Aguirre RER-DERM
Karina Lopez RER-DERM
Pablo Asencio RER-DERM
File: PSU-07 / SSES Phase I Rpt.

NORTH MIAMI BEACH / PSU # 07
SEWER SYSTEM EVALUATION SURVEY (SSES) - 3RD CYCLE (Period 2012-2022) PHASE 1 REPORT
DERM REQUEST FOR INFORMATION - RFI #1 / MATRIX
Date: 5/8/2025

Doc.Rev-2/7/2025 PA

The Utility SSES 3rd Cycle-Phase 1 Report submitted is incomplete according to RER-DERM SSES Guidelines and MDCEO, Chapter 24, Section 24-42.2 (3)(a).
The Utility shall submit a Revised SSES 3rd Cycle Phase 1 Report in response to the DERM Request for Information No.1 (RFI#1/Matrix) before or on November 12, 2026 [see RFI-Matrix General Notes, Note No.13 for submittal requirements].

SSES 3rd Cycle Phase 1 Report submitted by [Utility Name]:	City of North Miami Beach	Consultant Engineer Co.	Hazen and Sawyer	Engineer of Records: [name, Ph #, and Email]	Christopher Kish, PE (305)443-4001 ckish@hazenandsawyer.com	DERM-WWD Reviewer:	Pablo Asencio E2 Karina Lopez, E2	Email: Pablo.Asencio@miamidade.gov Karina.Lopez@miamidade.gov	Ph#: (305) 372-6431 (305) 372-6757
--	---------------------------	-------------------------	------------------	---	---	-----------------------	--------------------------------------	---	--

History and Status.	SSS 3rd Cycle-Phase 1 Reports - Submitted	Submittal Date	Received Date	DERM Request for Information- RFI/Matrix Date	RFI - Response Status (Pending / Received)	Meeting Required - Outstanding RFI [Meeting Date / Comments]	RFI - REVIEW MATRIX - ABBREVIATIONS					
	SSS Phase 1 Report [+ Any Addendum No. if applicable]	November 16, 2022	11/16/2022	5/8/2025	Pending; due date for Revised SSES 3rd Cycle Phase I Report on or before November 12, 2026.	Follow up meeting to be scheduled in coordination with the utility and utility's EOR.	WCTS	Wastewater Collection and Transmission System.	SSCS	Utility Sanitary Sewer Collection System.	CAP	Corrective Action Plan-Table listing / reporting all I/I sources discovered.
	SSS Phase 1 - Smoke Testing Date / Smoke Test Report Date	Mar-Jun 2022	2022				I/I	Inflow and Infiltration.	MDCEO	Miami Dade County Code Environmental Ordinances.	PS-WW	Pump Station Wet Well
	MHs Inspection and Report Date	N/A					DERM SSES-DGR	Phases I, II, and III Reports and Third Cycle Sewer System Evaluation Survey (SSES) Phase I and Phase II Reports, dated July 2007, and revision dated April 15, 2024"	ADF	Average Daily Flow	EOR	Engineer of record; The engineer that under his/her supervision the SSES report and related documents were produced and submitted to RER- DERM.
	CCTV Performed and Report Date	No					SSO	Sanitary Sewer Overflow.	FT(s)	Flow Measurements-Test(s) GPD	SCADA	Supervisory Control and Data Acquisition-Remote Telemetric System
	Night Flow I/I Measurements Performed and Report Date	No submitted.					PS(s)	Pump Station(s).	WWD	Water & Wastewater Division Front Desk-(305) 372-6920	CBA	Cost Benefit Analysis
-SSS 3rd Cycle Phase 1 Rpt. [Period 2012-2022]							FDEP	Florida Department of Environmental Protection.	DERM	Division of Environmental Resources Management.	EOR	Professional Engineer of Record [the engineer sealing, signing, and dating the SSES report].
-Basins Smoke Test Report and Night Flow I/I Report claimed as credits.							SSES	Sewer System Evaluation Survey Report.	RER-	Dept. of Regulatory and Economic Resources.	WW	Pump station wet well.
-DERM Requests for Information (RFI) status.	SSS 2nd Cycle Reports performed during the SSES 3rd Cycle and Utility Claimed Credits	Report Date/Basins	DERM Approval Date	Report - Claimed Accepted by DERM [Y-Yes]	Report - Not Accepted by DERM [N-No]	[Comments]	MH	Sanitary Manhole.	KMH	Key Manhole	BOI	Basin or Sub-basin of Interest: This is the basin of sub-basin in the SSES 3rd Cycle Phase I Report under SSCS evaluation and providing all Phase I report requirements that includes submitting MHs Inspection Rpt., CCTV Report (if performed), Smoke Test Rpt., Night Flow I/I Test Report and proposed Corrective Action Plan (s) [CAP(s)].
	SSS 2nd Cycle-Smoke Test Report- Claimed Credit for SSES 3rd Cycle Rpt.	No	N/A	N/A			C/O DRC	C/O: Sanitary cleanout. DRC: DERM Review Comment.	EMH	End Manhole		
	SSS 2nd Cycle-Night Flow I/I Test Report Claimed Credit for SSES 3rd Cycle Rpt.	No	N/A	N/A			DWO	Domestic Wastewater Operating Permit.	ST(s)	Smoke Test(s) and Smoke Re-test(s).		

RFI SECTION No. [SSES Phase 1 Reporting Period Date]	RFI SECTION NAME	MINIMUM REQUIREMENTS TO BE PROVIDED IN THE SSES RPT. ACCORDING TO THE FOLLOWING SECTIONS IN THIS RFI/MATRIX	PROVIDED (YES / NO / NA) [Y / N / NA]	ACCEPTED (YES / NO / NA) [Y / N / NA]	DERM REVIEW COMMENT NUMBER (DRC#)	DERM REVIEW COMMENTS (DRCs)	UTILITY-EOR'S RESPONSE
		[DERM RESERVE THE JURISDICTION TO REQUEST ADDITIONAL REQUIREMENTS OR/AND INFORMATION BASED ON UTILITY'S SPECIFIC INFORMATION, METHODS, ETC., PROPOSED IN THE SSES 3RD CYCLE REPORT(S) SUBMITTED FOR DERM'S APPROVAL]					
		SSES 3RD CYCLE PHASE 1 & 2 (PHASE I) REPORT SUBMITTAL PRODUCED / PREPARED BASED ON A FORMAT OTHER THAN THE CURRENT DERM GUIDELINES "Second Cycle Sewer System Evaluation Survey (SSES) - Phases I, II, and III Reports and Third Cycle Sewer System Evaluation Survey (SSES) Phase I and Phase II Reports, dated July 2007, and revision dated April 15, 2024" [DERM SSES-DGR], <u>WILL NOT BE ACCEPTED</u>, REQUIRING THE SUBMITTAL OF A REVISED REPORT AS PER DERM SSES-DGR AND REVIEW COMMENTS IN THIS RFI/MATRIX. <i>Remark: All SSES documents shall be in electronic PDF format and digitally signed, sealed, and dated by an engineer (EOR) registered in the State of Florida. Reports or documents that do not comply with these requirements shall not be accepted and the Utility's EOR / Utility informed.</i>				[Remark: The review comments that are not appropriately identify in the comment's text are by default preceded by this reviewer expression "Please provide" or Please submit"]	UTILITY-EOR'S RESPONSE <u>ATTACH THIS RFI / REVIEW MATRIX WITH COMPLETED INFORMATION IN THIS COLUMN TO THE REVISED SSES REPORT AS A SEPARATE DOC.</u> THE EOR SHALL PROVIDE IN THIS COLUMN FOR EACH DERM REVIEW COMMENT NUMBER WITH THE NOTE "RESPONSE REQUIRED", THE REPORT PAGE NUMBER, SECTION / SUBSECTION No., EXHIBIT OR/AND APPENDIX NO., BASIN-SUB-BASIN MAP/SITE PLAN NUMBER, AND SHEET NUMBER WHERE <u>THE REPORT'S REVISION IS LOCATED IN RESPONSE TO THE DERM REVIEW COMMENTS</u>. ADDITIONAL SHEETS/PAGES COULD BE ADDED IN RESPONSE TO EACH REVIEW COMMENT AS NEEDED AND SUBMITTED IN A SEPARATE DOCUMENT APPROPRIATELY IDENTIFIED WITH THE MATRIX'S SECTION NUMBER / REVIEW COMMENT NUMBER. <u>[PLEASE DO NOT PROVIDE THE REPORT / EXHIBIT / APPENDIX REVISION IN RESPONSE TO ANY DERM REVIEW COMMENT NUMBER IN THIS COLUMN. FOLLOW THE INSTRUCTIONS ABOVE]</u> ALL SSES SUBMITTALS SHALL BE UPLOADED TO DERM FILE TRANSFER PROTOCOL (FTP) WEB APPLICATION. PLEASE CONTACT THIS REVIEWER IF YOU NEED ASSISTANCE WITH THE APPLICATION LOG IN USERNAME, PASSWORD, AND SUBMITTAL-UPLOADING INSTRUCTIONS.

		Is the SSES 3rd Cycle Phase 1 Report provided according to "DERM Second Cycle Sewer System Evaluation Survey (SSES) - Phases I, II, and III Reports and Third Cycle Sewer System Evaluation Survey (SSES) Phase I and Phase II Reports, dated July 2007, and revision dated April 15, 2024" ?	Y	Y	1	The SSES 3rd cycle Phase I Report was submitted according to the DERM Guidelines format/content. Provide a revised Phase I report according to the DERM review comments.	Response is not required.
		Utility Name specified in the report's cover sheet(s).	Y	Y	2	No Comments.	Response is not required.
		SSES 3rd Cycle + Phase 1 Report or Phase 1 & 2 Report specified.	Y	Y	3	Phase I Report.	Response is not required.
		Report Date specified.	Y	Y	4	No Comments.	Response is not required.
		Does the report include the Cover Letter, Engr. Consultant Co., and Report Certification Sheet Signed, Sealed, Dated by a professional engineer registered in the State of Florida?	Y	Y	5	No Comments.	Response is not required.

Section No.1 [Phase 1 2012-2022]	Report Format	Index and Content with main-sections provided with numbered pages in sequence. as per DERM Utility Guidelines.	Y	Y	6	No Comments.	Response is not required.
		All Exhibits, Appendixes, etc., attached to the main report are identified with capital-letters in alphabetic order or numbers, provided with numbered pages in sequence, Basin or Sub-basin number/name when applicable, Exhibit or Appendix Name, and dated. These appendices, exhibits, etc., shall be in the SSES report. Remark: Any additional document that is part of the SSES report shall be included as an Appendix, Exhibit, etc., in the report. Separate documents (Test Reports, schematic diagrams, certification forms, etc.) submitted and uploaded to DERM FTP Web Application that are not included in the SSES Report (separate documents) shall not be accepted and the re-submittal of a SSES Report including the appendixes, exhibits, etc. shall be submitted.	Y	Y	7	No Comments.	Response is not required.
		All Basins and Sub-basins wastewater map / site plan shall be provided with a title block including: Sheet Numbers, Basin or Sub-basin Number/Name, Wastewater Basin WCTS, Consultant Engr. Co. Name, Utility Name, and date.	N	N	8	1. Provide Basins maps. [see DERM Review Comment No.2, in Section No.2, in this matrix about each basin's map requirements]	Response is required.
		All report's tables as requested in Section No.2. and Section No.3. DERM-DGR. Any table(s) proposed/presented by utility-EOR shall be replaced by DERM's tables. Only proposed tables as equal including the information in the DERM's tables shall be accepted.	N	N	9	Table 1 is incomplete. Provide a completed table. [see DERM Comment No.3, Section No.2 in this matrix about Table 1 comments]	Response is required.
		Provide an Overall Utility Service Area Boundary-Map showing each basin name and boundary <u>in the overall map.</u>	Y	Y	1	No Comments.	Response is not required.
		Provide each Basin and Sub-basin wastewater map-site plan in compliance with DERM DGR. In addition, the map shall show/specify the entire basin SSCS, pipe sizes/material, pipe sections length between MHs, MHs number matching the utility's records, laterals size/length, force main pipe up to the basin boundary with coordination note as needed for the continuation of the FM to adjacent basin(s), and PS # / Name location including a separate wet well legible detail showing all influent-pipes and force main size (gravity mains, force mains. etc.) connected to and discharging into the WW and the force main leaving the WW. Information of any upstream pump station(s)/basin(s) name/numbers with FM pipes discharging wastewater flows into the WW or a MH in the SSCS of the BOI shall be shown in the basin map and WW detail as well [According to SSES-DGR]. Remarks: 1. Reference in the report that the utility has submitted to DERM updated annual GIS Maps for each basin <u>does not substitute for the DERM Guidelines requirements to submit each Basin's Map allowing the appropriate review of the basin's requirements in the SSES report.</u> 2. The utility could use the latest GIS maps available information submitted to DERM as per the GIS Annual Update Submittal Requirements to produce the basins' maps required in the SSES Reports.	N	N	2	1. The following proposed statement in the report is not accepted: "NMB Water's sewer atlas has previously been submitted to RER. For purposes of the flow monitoring and inspection work conducted for this study, basin boundaries are as depicted in the atlas". 2. Please submit each basin wastewater map according to the DERM DGR. See remark No.1 in the requirements column of this DERM comment no.2. Remark: Just providing the MHs numbers between pipe segments in the basin's map will not require to specify/show the pipe segment diameter and length in the map if the correct information is provided in the DERM Table 1 - Basin Collection System Inventory. If the Table 1 is not in compliance, DERM will request to provide the basin's map showing / specifying complete / required information as per DERM DGR.	Response is required.
		Provide completed DERM Table 1-Basin Collection System Inventory for each basin and sub-basin according to SSES-DGR. The total basin / sub-basin IDM shall include the laterals shown for the properties in the basin / sub-basin map provided. If the laterals length / size are not specified as required for each lateral shown in the basin / sub-basin map, the utility's EOR is allow to estimate for each lateral four (4) inches diameter and maximum 25 feet length. Remarks: 1. Present in the table the number of laterals per pipe segment between MHs as per the basin map, laterals diameter grouping the lateral of the same diameter, and each lateral or group of laterals of the same diameter length, and IDM for each lateral or group of laterals, and total basin lateral IDM shall be included in a separate Table 1 or in the same Table 1 as far the information is legible and clear for review by DERM. 2. In addition, if the utility's EOR is estimating the laterals total IDM as per DERM allow criteria above, the total laterals IDM= total basin laterals (4 inches) x 25 ft length x ft-mile factor. Report the total laterals IDM in Table 1 as a remark and added to the gravity mains IDM for the basin total IDM to be used in the basin GPDIM_II formula.	Y	N	3	1. Revise and provide the submitted Table 1 - Collection System Inventory for each basin according to the following comments. 2. Provide the upstream/downstream MH numbers / ID in Table 1 for each pipe segment matching the MHs-ID in the basin's map. 3. If the laterals (each lateral IDM and total laterals IDM) are not reported in Table 1 for each pipe segment or a Table 1 just for the laterals is provided as per DERM DGR. 4. The utility's EOR could calculate the basin total Laterals IDM estimating that all laterals will be 25 LF length and 4 inches diameter, but all the laterals lines are required to be shown in the basin's map that they can be counted. Therefore, the basin total laterals IDM will be calculated as follow: Each Basin total Laterals (IDM)= Total number of laterals as shown in the basin map/site plan x 25 LF/lateral x 4 inches pipe diameter x conversion factor (LF to miles). The Basin total lateral IDM using this option will be included in Table 1 as a remark with the calculations here in specified. In addition the basin Total IDM [gravity mains IDM + laterals IDM is included as a remark according to the allow option] shall be reported in Table 1. [see RFI/Matrix General Notes, Note No.1 and No.2] Remarks: a. Just providing the MHs numbers between pipe segments in the basin's map will not require to specify/show the pipe segment diameter and length in the map if the correct information is provided in the Table 1. b. DERM requires to report the accurate value of each Basin GPDIM-III. Therefore, each basin total IDM including the laterals is required even though the basin could be in compliance with the GPDIM calculations requirement without considering the laterals IDM. c. The table and gravity mains/manholes information (MH # to MH #) according to the basin's map is essential for the	Response is required.

Section No.2 [Phase 1 2012-2022]	Basin Map, Basin Inventory IDM, Smoke Test Rpt., MHs Inspection Rpt., CCTV Inspection Report, etc. [2012-2022]					The table and gravity manhole cover information (MHs to MHs) according to the basin's map is essential for the appropriate review of the MH Inspection Report and MH pictures, MHs discovered with I/I sources in the Smoke Test Reports, MHs rehabilitation work reported in the Corrective Action Plan(s) [CAPs], etc. The GIS doe snot provide the information according to the SSES review steps/process. The GIS is used as a good reference information.	
		Provide MHs Inspection Report; and CCTV Report (if applicable), for each Utility Basin and Sub-basin [see requirements for CCTV in DERM Review Comment No. 10 below in this section]. Remarks: 1. MHs Inspection Report is required (mandatory) in the Phase I report. 2. CCTV Inspection Report is not required 9mandatory) in the Phase I report. However, if the utility's EOR perform CCTV inspections, a CCTV report as per this RFI/Matrix requirements is required (mandatory) to be submitted with the Phase I report.	N	N	4	1. The MHs Inspection Reports for all basins were not submitted (missing) eventhough the MHs were performed according ot the Section 5.3 in the report. 2. According to the report Section 5.2, no CCTV was performed because all basin were found to be under the 5,000 gpdim requirement, but will conduct CCTV at its own discretion throughtout its system. [see DERM comment no.11 and no.12 about review comments for MHs Inspections Reports and CCTV Inspectitons Reports].	Response is not required.
		Provide Smoke Test and a Report for each Basin or Sub-basin.	Y	N/A	5	Smoke Test Reports were submitted. [see DERM comment no.9 for reviw comments about the smoke test reports]	Response is not required.
		Does the utility claim a SSES 2nd Cycle-Smoke Test and Report credit for any basin and sub-basin?	N/A	N/A	6	No claim for smoke test report credit was presented in the SSES Phase 1 Report. if the utility shall claim smoke test credits, see RFI?Matrix General Notes, Note no.4 for requirements.	Response is not required.
		Does any utility's basins reported with surcharge condition? The basins in surcharge condition shall be reported in the report text and DERM Table 3A or Table 2. [See RFI/Matrix, General Notes, Note No.3 for basin in surcharge conditions].	Y	N/A	7	As per Report Sub-section 4.3. and Appendix B, Table 2, "None of the basins are being operated in a surcharged condition as noted in Appendix B". The above statement provided by the utility's EOR in the report is accepted and applicable for the requirements of performing Smoke Test(s) and Night Flow I/I Measurements in the basins of the utility without surcharge conditions.	Response is not required.
		Provide Smoke Test and Report for each Basin or Sub-basin according to the following minimum requirements and DERM SSES-DGR: Report shall include basin / sub-basin name/number, performed test's date, company name, pipe segments between MHs tested, description of method used [Complete SSCS Testing Method or Partial Testing per SSCS Sections Method], pictures of all sewer accepts in normal closed position (except clean outs without caps, etc.), pictures of I/I sources discovered during the test(s), pictures with ID matching basin's map and CAP [MHs, C/Os, WW, etc.]. Remark: Except pictures of all sewer accepts in normal closed position for the SSES 3rd cycle Phase I Report and a revised report.	Y	N	8	Report Section 5.4 - Smoke Testing; This section specified that "NMB Water has performed smoke testing on 100 percent of the collection system" A Smoke Test Report was submitted for all the utility basins in the service area. A total of thirty three (33) basins [from Basin No. 07-001 to Basin 07-033] were smoke tested and the reports submitted in the Phase I report as required by SSES 3rd Cycle requirements. Remark: The utility Basins No.07-36 and 07-37 were not required to be smoke tested because these basins SSCS was built and the certificaion of the WCTS construction completion approved by DERM within five (5) years of the SSES 3rd Cycle Phase I reportdue date on November 12, 2022.	Response is not required.
		If smoke test is performed per sections of the basin or sub-basin SSCS, each section of the SSCS smoke tested shall be identified and test results reported in the smoke test report for each section tested in the basin or sub-basin. The I/I sources discovered during smoke testing of a basin or sub-basin for a section or complete SSCS shall be clearly identified and presented in the Smoke Test Report.	Y	N/A	9	No comments. [See comments in DERM comment no.8 above].	Response is not required.
		The smoke test must be performed without surcharge conditions in the SSCS and with all sewer assets in the SSCS in closed/tight mode including MH covers, cleanout caps (if caps are present), and pump station wet well access-hatch. Smoke Tests Report with above sewer assets in open position/mode will not be accepted and a smoke retest will be required. [See RFI-General Notes, Note no.3]	Y	N	10	1. Report provide that "None of the basins are being operated in a surcharged condition as noted in Appendix B". ~~2. Please provide MH inside pictures for all manholes in the submitted and to be submitted Basin MHs Inspection Report(s)demonstrating compliance with the claimed statment "no sanitary sewer pump station are being operated under surcharged conditions" and required MH's insert.~~	Response is not required.
		Provide Manholes Inspections and Report for each Basin or Sub-basin. Report shall include basin / sub-basin name/number, performed inspection's date, company name that performed the inspection, list of all MHs number inspected matching basin's map and MHs Inspection-CAP, pictures of MH interior showing no surchaerge condition, picture showing inserts (rain dishes), and exterior MHs with MH's cover, picture with I/I sources discovered during the inspection, pictures with ID matching MHs numbers / ID in the MHs Inspectiton Report - Corrective Action Plan (CAP) and the basin's map. Providing a statement that the existing MH shown in the basin/sub-basin map was not found, located, etc., is not acceptable. The MH's Inspection Report will not be in compliance until the non-reported MHs are found and inspected as per the requirements or confirm providing picture(s) that the MH was abandoned or demolished.	N	N	11	1. In the report Section 5.3 is specified the following statement: " All basins were found to be under the 5,000 gpdim requirement, therefore no manhole inspections were conducted related to the SSES Cycle 3, Phase 1 reporting effort. This noted, NMB Water is committed to aggressively addressing I/I concerns and will conduct manhole inspections at its own discretion, as warranted, throughout its system in an effort to remain in compliance and kept I/I volume at a minimum" a. The above statement is not accepted because each utility's basin MHs Inspections and submittal of the report is a requirement of the SSES 3rd Cycle and requires to be submitted in the Phase I report. b. The utility or/and the utility's EOR does not have discretion for the submittal of the MHs Inspectitons report for each utility's basin. c. <u>Please revise the above statement in the report to remove/delete the comment as follow:</u> "This noted, NMB Water is committed to aggressively addressing I/I concerns and will conduct manhole inspections at its own discretion, as warranted, throughout its system in an effort to remain in compliance and kept I/I volume at a minimum" 2. DERM has waived the submittal of MHs Inspection Reports and consistently provided this option to all utilities that did not submit the inspections report in the SSES 3rd Cycle Phase I Report. However, any I/I defect discovered in a basin manholes	Response is required.

						will reported in the MHs Inspection CAP and the rehabilitation completed as part of the MH's Inspection-Corrective Action Plan(s) [CAPs] requirements. Therefore, DERM will not request the submittal of each basin MHs Inspections Report.	
		Provide CCTV Inspections and Report for each Basin or Sub-basin [if applicable because CCTV report is not a mandatory requirement as per current SSES-DGR.]. If applicable, provide a CCTV report as per standard industry practice and including basin / sub-basin name/number, performed inspection's date, company name, and inspection sheet with pipe segment length (ft) between MHs, flow direction, previous pipe cleaning, Up/Dw stream MH numbers matching the basin's map, and I/I sources discovered.	N	N	12	4- As per the report Section 5.2, no CCTV inspection was performed in the basins. In addition, any I/I source is discover during inspections must be reported in the CCTV Correction Action Plan (CAP). 1. No comments. Remark: As per the report Section 5.2, no CCTV inspection was performed in the basins. In addition, no CCTV Inspections-Correction Action Plan (CAP) was presented in the Phase I report. Therefore, DERM will not request to submit the CCTV reports.	Response is not required.
Section No.3 [Phase 1 2012-2022]	CAPs for MHs Inspect. Rpt., Smoke Test Rpt., and CCTV Rpt. [Phase 1 2012- 2022]	All Corrective Action Plans [CAPs] below shall include pictures of the I/I sources discovered (I/I defects) before the rehabilitation work was performed as required by Phase I report. Pictures shall be listed in sequence of numbers, letters, etc., and matching the defect's ID reported in the CAPs allowing the appropriate review.	Y	N	1	Submit the support documentation demonstrating the correction of I/I defects will be required in the SSES 3rd Cycle Phase II Report [see DERM comment no.2 and no.3, in this Section].	Response is required.
		Provide a Manholes Inspection-Corrective Action Plan (CAP). ONLY public I/I sources/defects discovered during MHs inspections of each Basin and Sub-basin will be reported in the Manholes Inspection - Corrective Action Plan (CAP) . Utility Name, Inspection Date, Basin and/or Sub-basin number/name, basin or sub-basin surcharge status, each MH-number matching basin's map, description of I/I defect(s) discovered at each MH, pictures of all MHs with I/I defect(s) matching the Manholes Inspection Report, and proposed or completed completion date for the proposed rehabilitation work to eliminate each I/I defect reported in the table. Remarks: 1. All private I/I defects discovered during MHs inspection must be reported in a separate DERM Private I/I Defects-Manholes Inspection-Corrective Action Plan (CAP) Table; other CAP-Table will not be accepted. Requets the DERM CAP-Table. 2. If the utility is addressing/repairing the private I/I sources-defects discovered or the utility is enforcing the City, Town, Village, code and ordinances requirements to the private property owners where the I/I defects are located to repair the defects, the utility's EOR shall specify the above conditions in the remarks section of the DERM Private I/I Defects-Manholes CAP-Table. 3. We are advising the utility and utility's EOR that a corrective Action Plan with reported public and private defects in the CAP(s) will not be approved when the CAP(s) is submitted for DERM'a approval in the SSES 3rd Cycle Phase II Report. Any basin/sub-basin without an approved CAP in the Phase II report submitted to DERM will be placed in temporary moratorium status (TM).	N	N	2	1. No MHs Inspections - Corrective Action Plan (CAP) is included in the report because DERM has waived the submittal of MHs Inspection Reports. [see DERM comment no.11, in section No.2 in this RFI/Matrix].	Response is not required.
		If CCTV inspection is performed (applicable) for a utility's basin: Provide a CCTV Inspections-Corrective Action Plan (CAP). ONLY public I/I sources/defects discovered during CCTV inspections of each Basin and Sub-basin will be reported in the CCTV Inspectons - Corrective Action Plan (CAP) . Utility Name, Inspection Date, Basin/Sub-basin number/name, surcharge status, Upstream MH #, Downstream MH #, pipe segment between MHs inspected matching the field inspection sheet, pipe diameter, pipe segment length (ft), location as per basin's map, description of I/I defect discovered, picture and ID matching field inspection sheet, and proposed or completed date for the proposed rehabilitation work to eliminate each I/I defect reported in the CAP. Remarks: 1. All private I/I defects discovered during a CCTV inspection shall be reported in a separate DERM Private I/I Sources-CCTV Inspection-Corrective Action Plan (CAP) Table. other CAP-Table will not be accepted. Requets the DERM CAP-Table. 2. If the utility is addressing/repairing the private I/I sources-defects discovered or the utility is enforcing the City, Town, Village, code and ordinances requirements to the private property owners where the I/I defects are located to repair the defects, the utility's EOR shall specify the above conditions in the remarks section of the DERM Private I/I Defects-CCTV CAP-Table. 3. We are advising the utility and utility's EOR that a corrective Action Plan with reported public and private defects in the CAP(s) will not be approved when the CAP(s) is submitted for DERM'a approval in the SSES 3rd Cycle Phase II Report. Any basin/sub-basin without an approved CAP in the Phase II report submitted to DERM will be placed in temporary moratorium status (TM).	N	N	3	1. No comments. Remark: As per the report Section 5.2, no CCTV inspections were performed in the basins and CCTV reports submitted. In addition, no CCTV Inspections-Correction Action Plan (CAP) was presented in the Phase I report.	Response is not required.

		Provide a Smoke Test - Corrective Action Plan (CAP). ONLY public I/I sources/defects discovered during smoke testing of each Basin and Sub-basin will be reported in the Smoke Test - Corrective Action Plan (CAP) . The CAP shall include for each utility's basin the Utility Name, Basin or Sub-basin number/name, date of Test, Basin or sub-basin surcharge status, discovered I/I defect identification number [matching the basin or sub-basin map], gravity mains-pipe sections between Upstream MH and Downstream MH, pipe segment diameter/length, location of I/I defects (at MH, gravity main, public lateral, etc.), description of the I/I defect, referenced picture ID number from Smoke Test Report and I/I defect status of the rehabilitation work with proposed completion date or completed date for each I/I source/defect reported. Remarks: 1. All private I/I defects discovered during a smoke testing must be reported in a separate DERM Private I/I Sources-Smoke Testing-Corrective Action Plan (CAP) Table; other CAP-Table will not be accepted. Requets the DERM CAP-Table. 2. If the utility is addressing/repairing the private I/I sources-defects discovered or the utility is enforcing the City, Town, Village, code and ordinances requirements to the private property owners where the I/I defects are located to repair the I/I defects, the utility's EOR shall specify the above conditions in the remarks section of the DERM Private I/I Defects-Smoke Test Corrective Action Plan (CAP)-Table. 3. We are advising the utility and utility's EOR that a corrective Action Plan with reported public and private defects in the CAP(s) will not be approved when the CAP(s) is submitted for DERM'a approval in the SSES 3rd Cycle Phase II Report. Any basin/sub-basin without an approved CAP in the Phase II report submitted to DERM will be placed in temporary moratorium status (TM).	Y	N	4	1. In report Section 5.4, the following statement is provided about the private I/I defects discovered in private properties during the smoke testing of the basins. " NMB Water then reviews the smoke test results, identifies repair tasks to be performed by NMB Water or its contractors, and identifies corrective actions for which property owners will be notified and held responsible to complete". Therefore, all the private I/I defects reported in Appendix C, Appendix C1 and C2 - Smoke Testing Defect Detail shall be reported in the DERM Private I/I Defects-Smoke Test Corrective Action Plan (CAP) Table providedas an attachment to the email of the DERM Response Letter RF#1/Matrix. 2. A completed DERM Private I/I Defects-Smoke Test Corrective Action Plan (CAP) Table reporting all the private I/I defects discovered during the smoke testing of the basins shall be submitted to DERM in the Revised SSES 3rd Cycle Phase I Report, due on or before November 12, 2026. The rposed completion date of each I/I defect shall be reported in the CAP-Table. Competion of the private defects in the CAP-Table will not hold a utility's basin compliance with the SSES 3rd Cycle requirements, but the approval of any basin with a completed Public I/I Defects Corrective Action Plan (CAP) will be conditional to the completion of the priovate I/I defects CAP-Table submitted in the revised Phase I report. 3. The public I/I defects shall remain in the Appendix C1 and C2 - Smoke Testing Defect Detail, but the appendix name shall be chnaged to "Public I/I Defects-Smoke Test Corrective Action Plan (CAP)". 4. The storm sewer cross connections with the sanitary sewers reported in Appendix C1 and C2 will be removed from the appendices. These discovered cross connections if have not been already reported to DERM under the Illicit Stormwater Discharges Program (semiannual reports), they will be reported to DERM in the next Semiannual Illicit Stormwater Discharges Report, due on July 1st, 2025. 5. In the report Appendix C is submitted the basins smoke test reports. The reports do not include the required photo, documentation, etc. of the public I/I defects before rehabilitation work (repairs). The utility's EOR / utility shall assure that the required public I/I defects photos, documentation, etc., after the completion of the rehabilitation work (repairs) are submitted with the completed Smoke Test-Corrective Action Plan (CAP) in the SSES 3rd Cycle Phase II Report. Any basin missing supporting documentation demonstrating the completion of the rehabilitaiton work of each public I/I defects in the corrective action plan (CAP) shall be placed in Temporary (TM) Moratorium status after the review of the SSES 3rd Cycle Phase II Report.	Response is required.
		All the required CAPs above could be presented in only one CAP in the report. The I/I defects shall be reported per basin, identified and separated for each type of test / inspection performed such as manholes inspection, smoke test, and CCTV inspection (if performed). A general CAP presented without this requirement will not be accepted because in the SSES Second Report (Phase II), the utility requires to demonstrate that all the I/I sources discovered and reported in the Phase I report were eliminated. DERM requires to review and track the completion of the I/I defects repairs.	Y	N	5	1. The report only includes the Smoke Test-Corrective Action Plan (CAP).	Response is not required.
		Requirements: An evaluation of Night Flow I/I Measurements and submitting a Night I/I Flow Measurements Report in the SSES Phase I or Phase II report is required for each Basin or Sub-basin in the utility service area. Otherwise, the utility could claim a credit submitting a previously approved Night Flow I/I Measurements Report by DERM. If the report was performed and approved by DERM between 2013 - 2016 for compliance with SSES 2nd Cycle requirements during the SSES 3rd Cycle (2012 - 2022), a COMPLETED basin/sub-basin ngiht flow I/I test report previously approved by DERM could be proposed and submitted by the utility claiming a credit for the basin / sub-basin Night Flow I/I Test Report in the SSES 3rd Cycle Phase I & II Reports. Otherwise the claimed-credit will not be accepted. The acceptance of the credit will be depending DERM's approval of the submittal. [see RFI/Matrix General Notes, Note no.4 for additional requirements].	N	N/A	1	1. The required Night Flow I/I Test Report for each utility's basin was not submitted (included) in the Phase I report. 2. Night Flow I/I Test Report credits were not proposed in the Phase I report.	Response is not required.
		Basin and Sub-basin Night Flow I/I Measurements/Calculations Report Requirements: The basin(s) / sub-basin(s) Night Flow I/I Test Report shall be identified / listed in ngiht flow I/I reports. The report cover sheet shall be identified as " SSES 3rd Cycle Phase I & II - Basins-Night Flow I/I Measurements Reports ". In the Pahse I and Phase II reports text related section shall be described the flow measurements method proposed, performed test dates [minimum of three (3) consecutive test dates] and between the hours 1:00 AM - 5:00 AM, minimum of three (3) tests per each test date and according to the DERM Certification Form-B requirements. [see DERM Comment no.5 below in this section for DERM accepted test methods], Remarks: 1. Any NEW night flow I/I measurements/calculations and night flow I/I REMEASUREMENTS/calculations reports for each utility's basin / sub-basin shall be performed according to the methods described in DERM Comment No.5 in this Section No.4 below and according the DERM Certification Form-B requirements. 2. The DERM Certification Form-B for each basin / sub-basin as per remark no.1 above shall be submitted to DERM in the SSES 3rd Cycle Phase II Report on or before November 12, 2026. 3. The DERM Certification Form-B according ot the type of night flow I/I test method presented in the Phase I or Phase II reports shall be enclosed with the DERM Response Letter RF#1/Matrix sent to the utility and utility's EOR. 4. The DERM Method No.2 [see DERM comment no.5 - Flow Meter(s) Method] does not require a Certification Form-B. 5. For those basins presented (claimed) in the Phase I reports with a night flow measurements/calculations report in compliance with less than 5,000 GPDIM and approved by DERM during the Phase I report's review, the utility's EOR shall submit the DERM Certification Form-A. 6. The Form-A shall be submitted to DERM in the Revised SSES 3rd Cycle Phase I Report on or before	N	N	2	1. The required Night Flow I/I Measurements/Calculations (Test) Report for each basin were not provided in the report. However, the utility's EOR reported the Basins Night Flow (GPD) and GPDIM-I/I in the Appendix B, TAbble 2. 2. In the report Section 5.1, the utility's EOR is not specifying the night flow I/I test method performed in measuring/calculating the basins I/I flow. 3. Submit the performed Night Flow I/I Measurements/Calculations Report for each basin that was performed before the SSES 3rd Cycle Phase I Report as specified in the Phase I report submittd and under review by DERM. Until the reports are submitted, reviewed, and approved by DERM, the DERM Certificaiton Form-A cannot be submitted. Therefore, submit missing reports for DERM review in the SSES 3rd Cycle Phase II Report, due on or before November 12, 2026. 4. Submit the Night Flow I/I Measurements/Calculations Report (the DERM Certification Form-B with the proposed DERM Method No.) for any basin requiring a Night Flow I/I Re-Test Report or a New Night Flow I/I Measurements/Calculations Report and <u>performed after the date of this RFI#1/Matrix. The basin(s) ngiht flow I/I report(s) will be submitted in the SSES 3rd Cycle Phase II Report, due on or before November 12, 2026.</u> The utility's EOR will request the DERM Certification Form-B according to the proposed method to be submitted in the follow up meeting to the issuance of DERM Response Letter - RF#1/Matrix. Remark: Any utility's basin without an approved night flow I/I test report by DERM demonstrating compliance with less than 5,000 GPDIM-I/I code requirement will be placed in Temporary (TM) Moratorium status after the review of the Utility-SSES 3rd cycle Phase II Report by DERM.	Response is required.

		Does any utility basin proposed with sub-basins in the SSES evaluation report?	N	N/A	3	No sub-basins were proposed in the Phase I report.	Response is not required.
		<u>Night Flow I/I Measurements/Calculations Report-Surcharge Conditions Requirements:</u> A Night Flow I/I Measurements cannot be performed in a Basin or Sub-basin with the SSCS in surcharge condition. Otherwise, the flow test is not accepted. A submittal of a new night flow I/I measurements and report with the surcharge condition eliminated shall be required. Provide a statement that there are not basins in surcharge condition or specify the basins discovered in surcharge conditions in the SSES Report, Applicable Section and DERM Table 3A as required. [see RFI/Matrix General Notes, Note no.3].	Y	Y	4	As per Report Sub-section 4.3. and Appendix B, Table 2, "None of the basins are being operated in a surcharged condition as noted in Appendix B.". The above statement provided by the utility's EOR in the report is accepted and applicable for the requirements of performing Smoke Test(s) and Night Flow I/I Measurements in the utility basins without surcharge conditions ONLY in the SSES 3rd Cycle.	Response is not required.
		A Night Flow I/I Measurements (Test)/Calculations Report shall be performed and submitted for each utility's basin in the utility service area in the SSES 3rd Cycle Phase I, Phases I&II, or Phase II Report on or before November 12, 2026, demonstrating compliance with less than 5,000 GPDIM-I/I. The proposed Night Flow I/I Measurements / Calculations Method shall be specified in corresponding section of the SSES report. [each flow test method is accepted/applicable according to the type of basin/sub-basin flows measured (Night Flow I/I, Upstream Wastewater Flow(s), and Night Usage Flow). The Night Flow I/I Measurements (Test) / Calculations Report(s) shall be according to the requirements of the following DERM Accepted Methods: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Method No.1 - The Method of Wet Well Measured Water Rise Invert Elevations and Clocked Time, Calculated Wet Well I/I Fill Volume, WW Fill Volume-Time, and WW I/I Flow in a Pump Station-Basin. Remark: This method is ONLY applicable to measure/calculate a Basin Night Flow I/I at the Basin-WW. See DERM Certification Form-B and DERM review comment no.6 below in this Section No.4 for detail requirements. [This method REQUIRES the submittal of a DERM Certification Form-B]. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Method No.2 - The method of I/I Flow Measurements / Calculations Using Flow Meter(s) in Influent Pipe(s) of Pump Station-Wet Well or KMH Method. [this method does not require a Certification Form-B]. Remarks: 1. This method is ONLY applicable to measure a Basin and Sub-basin Night Flow I/I Measurements/Calculations at a Basin WW and Sub-basin KMH and Upstream-Basin Pump Station(s) Wastewater Flow at Basin WW and Basin-SSCS KMH]. See DERM comment no.7 below in this Section No.4 for detail requirements. 2. This method requires to comply with the requirements specified in the RFI#1/Matrix, General Notes, Notes No.7, No.8, and No.9 and any additional requirement(s) included in this RFI/Matrix, DERM Review Comments, and Reviewer Additional Remarks as required. [This method DOES NOT REQUIRE the submittal of a DERM Certification Form-B]. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Method No.3 - The method of Electrical Logger(s) Time Raw-Data of Lead Pump Off/On Status and Calculated Wet Well I/I Fill Volume, WW Fill Time, and WW-I/I Flow in a Pump Station-Basin. Remark: This method is only applicable to measure a Basin Night Flow I/I at WW. See DERM Certification form-B and DERM review comment no.8 below in this Section No.4 for detail requirements. [this method REQUIRES the submittal of a DERM Certification Form-B]. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Method No.4 - The method of SCADA Time Raw-Data of Lead Pump Off/On Status and Calculated Wet Well I/I Fill Volume, WW Fill Time, and WW I/I Flow in a Pump Station-Basin. Remark; This method is only applicable to measure a Basin Night Flow I/I at WW. See DERM Certification Form_B and DERM review comment no.9 below in this Section No.4 for detail requirements. [this method REQUIRES the submittal of a Certification Form-B].	N	N	5	1. The utility's EOR does not specifies in the Phase I report the propose method for the night flow I/I measurements/calculations of the basins. Therefore, DERM cannot provide the DERM Certification Form-B and Method No. with this RFI#1/Matrix. The utility's EOR will inform the method used or to be proposed for the basins night flow I/I test and request the appropriate DERM Form-B in the follow up meeting to the issuance of this RFI#1/Matrix. 2. Please revise the Phase I report text including the night flow I/I test method proposed according ot the DERM Test Methods in this DERM comment no.5, requirements column accordingly. 3. Submit the requested information in the SSES 3rd Phase II Report, due on or before November 12, 2026. Any missing Night Flow I/I Test Report, Re-test Report, and New Test Report will be submitted in the Phase II report.	Response is required.
		<u>Method No.1-Submittal Night Flow I/I Measurements Report including the basin wet well field inspection data, tests Data/Calculations, and Professional Engineer-Certification Forms:</u> 1. Field Inspection & Test Raw-Data: Provide the required wet well field inspection data and test data/calculations according to Certification Form-B requirements. 2. Submittal of the Certification Forms:					

		a. <u>DERM Certification Form-A</u>: Provide just one (1) completed Form-A, list in the form the number and list of basins according to the comment(s) in this RFI/Matrix, DERM Review Comment no.6. b. <u>DERM Certification Form-B</u>: Provide a completed Form-B for each basin according to the form's requirements and as per the review comments in this RFI/Matrix, DERM Review Comment no.6. Remarks: 1. The Method No.1 is only accepted by DERM for Night Flow I/I Measurements performed at a Basin/PS-Wet Well. 2. Utility's EOR shall be aware of any upstream wastewater flow into the BOI during the night flow I/I evaluation and any night usage flow proposed [IF CLAIMED] and the required submittal of the respective reports. Otherwise, the basin night flow I/I report is not accepted/approved by DERM until the upstream flow and the night usage flow report is submitted and the flow amount is included in the basin's GPDIM calculations formula.	Y	N	6	1. The utility's EOR did not specify in the Phase I report the propose method for the night flow I/I measurements/calculations report of the basins.	Response is not required.
		<u>Method no.2</u> Submittal of Night Flow I/I Measurements/Calculations Report and Raw Data: Provide required raw data sheets / information and flow meter measurements for a Basin/Sub-basin as follow: <u>Night flow I/I test at a Basin-WW:</u> Provide for each basin in the night flow I/I test report a WW Schematic Diagram (N.T.S.), WW Plan View (only) with listed basin/sub-basin number / name, showing well dimensions (round, square, etc.), all influent pipes into the WW, influent pipe(s) diameter, and showing the flow meter(s) location in the influent pipe(s). If the flow meters' location are proposed in the influent pipe(s) of an adjacent-upstream MH to the WW as substitute for WW flow meter location, provide a CCTV Report for the pipe segment(s) / MHs between the WW and the selected adjacent-upstream MH where the flow meter(s) is located, demonstrating if I/I sources exist in the gravity mains/MHs. <u>Night flow I/I test at a Sub-basin KMH:</u> Provide for each sub-basin in the night flow I/I test report a KMH Schematic Diagram (N.T.S.), KMH Plan View (only) showing the influent(s) pipe(s) and effluent(s) pipe(s) and the location of the flow meter(s) and KMH number as listed in the sub-basin map. Night Flow Report - Flow Meter Raw Data Readings-Sheets: Provide Basin/Sub-basin #/Name, date of tests, three consecutive test dates, flow readings for each test date with minimum and maximum readings at minimum / maximum intervals of five (5) and fifteen (15) minutes, flow reading(s) in GPM reported during 24 hrs. period (as per EOR discretion) or reporting as minimum flow readings between 1:00-5:00 AM as required. Provide in the Basin/Sub-basin night flow I/I report calculated flow averages (GPD) for each test date and the average for the three (3) consecutive test dates (GPD) that represents the Basin/Sub-basin Total Night flow I/I measured/calculated, flow meters manufacturer cut sheets with proposed meter's model and with certification for meters' calibration by the meter's manufacturer or a statement from the utility's EOR about the flow meter(s) calibration by meter(s)'s installer (contractor / EOR personnel). <u>DERM Certification Forms are not required for this method.</u> Remarks: 1. As per DERM-DGR, a Key Manhole (KMH) is the only accepted location of a flow meter(s) to perform a night flow I/I test for a Sub-basin. 2. As per DERM-DGR, a selected MH to place a flow meter and perform a Basin night flow I/I test is identified as Upstream MH to the PS wet well. This flow meter's proposed location is not preferable, but accepted according to the requirements above for Sub-basin KMH. 3. The Method No.2 is ONLY accepted by DERM for Night Flow I/I Measurements performed at a Basin/PS-Wet Well and Basin selected upstream MH, and a Sub-basin Key Manhole (KMH). 4. The location of a flow meter(s) in the effluent pipe(s) of a WW-selected upstream MH and a Key Manhole (KMH) to measure a Basin's Night Flow I/I and an Upstream Wastewater Flow is not accepted. Flow meters must be located/installed in the influent pipe(s). 5. Utility's EOR shall be aware of any upstream wastewater flow into the BOI during the night flow I/I evaluation. Otherwise, the basin night flow I/I report is not accepted/approved by DERM until the upstream flow report is submitted and the flow amount is included in the basin's GPDIM calculations formula. [see RFI/Matrix General Notes, Note no.7, no.8, no.9, and no.10 requirements].	N	N/A	7	1. The utility's EOR did not specify in the Phase I report the propose method for the night flow I/I measurements/calculations report of the basins.	Response is not required.

Section No.4 [Phase 1 2012-2022]	Night Flow I/I Measurements Rpt., Night Usage Wastewater Flow rpt., , and Upstream Wastewater Flow Rpt. [Phase 1 2012- 2022]	Method no.3: Submittal of Night Flow I/I Measurements/Calculations Report including the basin wet well field inspection data, tests raw-data and Calculations, and Professional Engineer-Certification Forms as follow: 1. Field Inspection & Test Raw- Data: Provide the required wet well field inspection data and test data/calculations according to Certification Form-B requirements. 2. Submittal of the Certification Forms: a. DERM Certification Form-A: Provide just one (1) completed Form-A for number of Basins listed in the form and according to the review comment(s) in this RFI/Matrix, DERM Review Comment no.6. b. DERM Certification Form-B: Provide a completed Form-B according to the form's requirements for each Basin as per the review comments in this RFI/Matrix , DERM Review Comment no.6. 3. Submittal of Logger(s) Raw-Data: Provide with the Form-B the Logger(s) clocked raw-data time from the logger's equipment for the Lead Pump Off/On status according to the form's requirements. Remarks: 1. The Method No.3 is ONLY accepted by DERM for a Basin Night Flow I/I Measurements performed at a Basin/PS-Wet Well. 2. Utility's EOR shall be aware of any upstream wastewater flow into the BOI during the night flow I/I evaluation. Otherwise, the basin night flow I/I report is not accepted/approved by DERM until the upstream flow report is submitted and the flow amount is included in the basin's GPDIM calculations formula.	N	N/A	8	1. The utility's EOR did not specify in the Phase I report the propose method for the night flow I/I measurements/calculations report of the basins.	Response is not required.
		Method no.4: Submittal of Night Flow I/I Measurements/Calculations Report including the basin wet well field inspection raw-data, tests raw-data, I/I flow calculations, and Professional Engineer-Certification Forms as follow: 1. Field Inspection & Test Data: Provide the required wet well field inspection data and test data/calculations as required by the Certification Form-B and as requested in the review comments in this RFI/Matrix, DERM Comment no.9. 2. Submittal of the Certification Forms: a. DERM Certification Form-A: Provide just one (1) completed certification Form-A listing the number of Basins in the form according to the review comments in this RFI/Matrix, DERM Comment no.9. b. DERM Certification Form-B: Provide a completed certification Form-B according to the form's requirements for each Basin as per the review comments in this RFI/Matrix, DERM Comment no.9. 3. Submittal of Logger(s) Raw Data: Provide the Lead Pump Off/On time <u>raw-data sheets from SCADA system as recorded in the supervisory control system database</u> for the WW I/I filling time (hours: minutes). In addition, the loggers(s) raw data provided shall be in compliance with the Certification Form-B requirements. Remarks: 1. The Method No.4 is ONLY accepted by DERM for Night Flow I/I Measurements performed at a Basin/PS-Wet Well. 2. The utility's EOR shall be aware of any upstream wastewater flow into the BOI during the night flow I/I evaluation. Otherwise, the basin night flow I/I report is not accepted/approved until the upstream flow report is submitted and the flow amount is include in the basin GPDIM calculations formula.	N	N/A	9	1. The utility's EOR did not specify in the Phase I report the propose method for the night flow I/I measurements/calculations report of the basins.	Response is not required.
		Tide Evaluation / Coordination with Night Flow I/I Measurements/Calculations Report: A basin / sub-basin located in coastal areas shall require a tide evaluation/coordination during the basin / sub-basin night flow I/I measurements. The night flow I/I measurements shall be performed within two (2) hours of the high tide. The high tide date/time information shall be provided in the basin night flow I/I measurements/calculations report or as an Appendix in the SSES report demonstrating compliance with the two (2) hours requirement. I/I flow reports without the tide information shall not be accepted/approved by DERM.	N	N	10	1. Any utility basin located East fo Biscayne Blvd. shall be considered in a coastal area. Therefore, the basins 07-25, 07-26, 07-29, and 07-33 require to be evaluated according to hight tide. 1. Provide compliance with the two (2) hours requirement (uring the high tide hours) for the night flow I/I measurements/calculations reports to be submitted in the SSES 3rd Cycle Phase II report. The high tide date/time information shall be provided in each basin night flow I/I measurements/ calculations report or a general table with the tide date/time for the appropriate review.	Response is required.
		Upstream Wastewater Flow(s) Evaluation / Coordination with Night Flow I/I Measurements/Calculations Report: If Upstream Basin(s)/PS(s) Wastewater Flow(s) is discharging into a BOI(s), each basin receiving upstream flows shall be listed each basin number / name receiving wastewater upstream flow(s) and the upstream basins number / name discharging the upstream wastewater flows in the BOI WW or KMH. In addition, identify for each BOI basin where the upstream wastewater flow is discharged at WW or KMH number. This required information shall be included in each basin (BOI) night flow I/I test report (see DERM review comment no.12 below for additional requirements).	N	N	11	1. Please provide the missing upstream Basins/PSs to each BOI evaluated (night flow I/I tests) in the Night Flow I/I Measurements/Calculations Report as an additional Appendix. Identify the Appendix as "Upstream Basin(s)/PS(s) Wastewater Flow Reports" for the list of BOI-Basin receiving upstream Basin(s) / PS(s) wastewater flow(s) as listed below. Please calculate the BOI-GPDIM including the upstream wastewater flows measured and calculated from the upstream basin(s) / pump station(s) accordingly. 2. According to DERM's records, the following basins are receiving upstream wastewater flow(s) from the following upstream basins / PSs as listed below: Basin (BOI) receiving upstream flow Upstream Basin(s) discharging flow(s) into BOI 07-001-----07-023 07-004-----07: 003; 005; 006; 009; 010; 020. 07-013-----07-015 & 07-011 07-020-----07-031; 07-32 07-022-----07-021 Remark: See DERM comment no.12 below for specific requirements.	Response is required.

		<u>Upstream Wastewater Flow into a BOI-DERM Requirements.</u> A Basin or Sub-basin of Interest (BOI) receiving wastewater flow(s) in the SSCS or WW from a Public Upstream Pump Station Basin(s) requires that the upstream flow(s) is measured one (1) time and simultaneously with any of the three (3) consecutive days of the BOI night flow I/I measurements and between 1:00-5:00AM. Only the upstream flow readings between 1:00-5:00 AM can be considered in calculating the average of upstream wastewater flow(s) readings. The addition of the calculated upstream flows average into the BOI shall be deducted (mandatory) from the night flow I/I measured/calculated in the basin/sub-basin (BOI) GPDIM formula. The upstream wastewater flow(s) MUST be measured according to the Method no.2, in this Section No.4 [see RFI/Matrix General Notes, Note no.8, no.9, no.10 and no.12 requirements] The Basin upstream total wastewater flow shall be reported in Table No.2 or Table No.3A accordingly. [See RFI/Matrix, General Notes, Note no.10] Remarks: 1. In lieu of upstream wastewater flow measurements, the utility can demonstrate compliance submitting a statement by the utility's EOR for each Basin (BOI) receiving upstream flow(s) from upstream PS-Basins certifying that during the Basin Night Flow I/I Measurements the upstream pump station(s) was shutdown and no upstream wastewater flow(s) was received at the Basin (BOI). The certification statement shall provide the Basins as listed in DERM review comment no.11 above in this Section No.4, and the statement included in the Basins Night Flow I/I Measurements/Calculations Report as an Appendix. 2. The upstream wastewater flow(s) from Private pump station(s) are not applicable. Only upstream wastewater flow(s) from Public basin(s)/pump station(s) is mandatory to be measured, calculated, reported in the basins upstream wastewater flow report and included (considered) in the Basin GPDIM-I/I calculations (GPDIM formula). [See RFI/Matrix General Notes, note No.6 for GPDIM formula] 3. For BOI definition, see RFI/Matrix Abbreviations.	N	N	12	1. Please add a section / appendix in the SSES report with the name "Basins Receiving Upstream Wastewater Flow(s)". Address the basins (BOIs) receiving upstream wastewater flow in coordination with the basins night flow I/I tests according to the option described or performing the upstream flows measurements and according to the requirements in this DERM comment no.12. As an option to perform upstream wastewater flow measurements, the upstream Basin(s) / PS(s) can be shutdown the upstream basin-pump station(s) during the corresponding Basin (BOI) Night Flow I/I Measurements [see comment no.11 above for basins receiving upstream wastewater flows]. 2. If the upstream basin(s)/pump station(s) was not shutdown during the Basin (BOI) night flow I/I measurements, the wastewater flow of the upstream Basins(s) / PS(s) shall be measured using the DERM Test Method No.2 as described and as per the requirements in this RFI?Matrix shall be provided for the basins receiving the upstream wastewater flow(s). [See RFI/Matrix General Notes, Note no.8, no.9, no.10, and no.12 for upstream wastewater flow measurements and additional requirements]. 3. Report the upstream wastewater flow for each basin in DERM Table 2 as per DERM DGR. If the option to shutdown the upstream basin-pump station(s) is proposed, the upstream wastewater flow shall be reported as zero (0) and a remark at the bottom of the Table 2 shall be provided identifying these basins in comment no.11 above and specifying that the upstream Basin(s) / PS(s) were shutdown during the basins night flow I/I measurements. 4. For the basin(s) receiving and measured upstream wastewater flows, the Basin GPDIM shall be calculated according to the GPDIM formula and the upstream wastewater flow included in the formula's calculations accordingly. Remarks: 1. See RFI#1/Matrix, General Notes, Note no.6, for the basin's GPDIM formula. 2. The measurements / calculations of the upstream wastewater flow(s) is a mandatory requirement because of the need to report an accurate utility's basin GPDIM-I/I value.	Response is required.
		<u>Night Usage Flow Evaluation and Report Requirements:</u> Is any claim of <u>night usage flow</u> credit for a basin/sub-basin is proposed in the SSES report, a <u>night usage flow report</u> including the following requirements shall be submitted: 1. Basin or Sub-basin # / Name. 2. Show each selected property claiming night usage flow in the basin/sub-basin (BOI) map. List each customer property number claiming night usage with a symbol and number (blue circle, square, etc.) within the property boundary. 3. Provide Utility Metered Water Consumption Raw Data Sheets for the selected basins claiming night usage credits. 4. The Water Consumption Maps geographically reference the customer property number considered for the analysis in each Basin. The customer property number indicated in each basin's water consumption map shall concur with the object ID number listed in the Utility Metered Water Consumption Raw Data Sheets and the object ID number listed in the "Object ID" column of the Basin Utility Raw Data-Water Consumption & Night Usage Flow Calculations Table. 5. The table with columns and rows populated based on the Utility Metered Water Consumption Raw Data Sheets for each object ID number shall include: a. Table Header - Basin Number/Name-Water Consumption & Night Usage Flows Calculations. b. Column names: Object ID, Customer Number, Service Point ID, Folio Number, Service Address, Water Usage-Test Date 1, Water Usage-Test Date 2 (gpm), Water Usage Test Date 3 (gpm), and Total Average Water Usage of three(3) test dates (gpm). c. One row per customer ID number populated with the information requested in each column. d. Provide in the last 2 rows: Total Average of Water Usage (gpm) for each test date and the Basin Total Night Usage Flow (gpm) [Average Date 1+2+3/3]. 6. Only metered Utility-Water Consumption Raw Data Report shall be used to calculate selected properties night usage flows. 7. The utility water consumption flows raw data shall be reported in GPM or GPD [see RFI/Matrix-General Note no.11]. 8. The average of the night usage flow of all the selected properties in the utility water consumption raw data sheets shall be calculated for each test date of the three (3) consecutive days of night flow I/I testing. 9. The Utility-Water Consumption Raw Data shall be obtained (dated) within seven (7) days of the three (3) consecutive days of the basin night flow I/I testing. 10. Only the selected properties-water consumption flows between 1:00-5:00 AM in the utility raw data sheets shall be selected to calculate the average of night usage flow (GPD) for each of the three (3) night flow I/I test dates test dates. 11. The basin / sub-basin claimed total night usage flow shall be the average of the three (3) night usage flow-averages calculated in item no.5 above. This is the night usage flow (GPD) that can be claimed. 12. The Utility-Water Consumption Raw Data shall exclude water connections specifically categorized for uses such as sprinklers, boat docks, fire lines, and other purposes that do not directly contribute to wastewater flow. 13. A Night Usage Flow Report shall be submitted. Remarks: 1. Only metered and calculated water consumption flows based on the utility water consumption raw data sheets and submitted in the Night Usage Flow Report can be proposed as a basin/sub-basin night usage flow-credit. The metered flows require to be obtained from utility-water consumption raw data sheets for the selected properties in the basin or sub-basin. 2. If the utility's EOR would like to use other method to measure the night usage flows for the selected properties located in the basin / sub-basin, the EOR shall contact DERM to discuss the proposed method before proceeding and submitting a night usage flow report to DERM for approval. 3. The total basin/sub-basin night usage flow shall be claimed as a credit and included as a deduction to the basin / sub-basin night flow I/I in the basin/sub-basin GPDIM-I/I formula. Report the night usage flow in Table No.2 and Table No.3A according to SSES-DGR.	Y	N	13	1. According to Appendix B, Table 2, basins night usage flows are reported. However, spot checking in the calculations of some basins GPDIM-I/I values revealed that the reported night usage flows (GPD) were not used/deducted from the basins night flow I/I (GPD). Therefore, no claim of night usage flows are supported by the basins GPDIM presented in Table 2. 2. A night usage flow report was not submitted for each basin reported with a night usage flow value in Table 2. 3. Therefore, based on the comment no. 1 and no.2 above, revised the Table 2 reporting zero (0) night usage flow (GPD) for each basin in Table 2. Remark: If the utility will propose a night usage flow as a credit, the flow shall be calculated according to the requirements specified in this DERM comment no.13 and the RFI/Matrix General Notes, Note no.11.	Response is required.

		[see RFI/Matrix General Notes, Note no.11]					
		Provide Dry and Wet Average Daily Flows (ADF) for each Basin according to DERM-DGR. Report the average daily flows in DERM-DGR Table 3A accordingly. Remarks: 1. Table 3A is required in the SSES 3rd Cycle Phase I Report. If a completed Table 2 is submitted in the SSES Phase I Report, this Table 2 shall be accepted in lieu of Table 3A. 2. Table 3B shall be required in the SSES 3rd Cycle Phase II Report. If the Dry-ADF and Wet-ADF are presented in the Phase I report, DERM will accept it the values presented. Otherwise, DERM shall not request the ADFs flow measurements report for the SSES 3rd Cycle.	Y	Y	14	1. Table 2 in Appendix B provides the Dry & Wet ADF flows for the basins.	Response is not required.
		The GPDIM calculations using the GPDIM formula (see remarks below) shall be presented in the SSES report for each Basin/Sub-basin. <u>The formula's calculations is the only acceptable method to demonstrate that a Basin/Sub-basin is in compliance with less than 5,000 GPDIM-Infiltration/Inflow code requirement.</u> Remarks: 1. For a Basin/Sub-basin GDIM-I/I formula, see RFI/Matrix General Notes, Note no.6 requirements. 2. Proposed basins in compliance with less than 5,000 GPDIM-I/I based on basin/sub-basin non-utility method of "basin allowable I/I" compare to basin night flow I/I measured indicating "Pass" or "No Pass" according to " <u>NON-UTILITY SSES 3RD CYCLE PLAN A, PLAN B, Guidelines & Requirement</u> " <u>IS NOT ACCEPTED.</u> [see minimum requirements commentary/notes at the top (header) of this minimum requirements column].	Y	N	15	1. The utility shall demonstrate compliance with less than 5,000 GPDIM-I/I submitting each basin flow calculations according to the Basin/Sub-basin GPDIM-I/I formula. Therefore, the Basin GPDIM formula as shown in the RFI#Matrix,-General Notes, Note No.6, shall be listed as a remark in Table specifying that the basins GPDIM value were calculated according to the formula. Remark: The utility's EOR should be advised that in this RFI#1/Matrix, Section No.2, DERM comment no.2 and no.3, DERM is requesting each basin's map and to provide additional information about the basins total IDM in DERM Table 1.	Response is required.
		Provide the GPDIM-I/I value for each basin/sub-basin in the utility service area completing all the required data in DERM Table 2 as per DERM-SSES DGR.	Y	N	16	1. Please revise Table 2 as per the following comments: a. Include a column to report the basins "Uptream Wastewater Fow (GPD0" (see DERM comment no.12 above). b. Report the basins night usage with zero (0) value (GPD) (see DERM comment no.13 above). c. Add the required remark with the Basin GPDIM formula (see DERM comment no.15 above).	Response is required.
Reviewer additional remarks: 1. <u>The completed DERM Certification Form-B shall be submitted for each basin requiring a night flow I/I re-test report or night flow I/I new test report AFTER the date of this RFI#1/Matrix (5/8/2025).</u> This form shall be ONLY submitted demonstrating the basin's compliance with less than 5,000 GPDIM-I/I code requirement in the SSES 3rd Cycle Phase II Report (second report). The DERM certification Form-B is the required and requested Night Flow I/I Test Report in this RFI#1/Matrix, except for the DERM Test Method No.2 (the Form-B is not applicable). 2. The completed DERM Certification Form-A shall be ONLY submitted for the number of basins with night flow I/I test report demonstrating less than 5,000 GPDIM-I/I and approved by DERM. See RFI/Matrix, Section No.4 above, DERM review coments for the number and list of basins requiring the submittal of the DERM Certification Form-A. The form shall be submitted in the Revised SSES 3rd Cycle Phase I Report due on or before November 12, 2026. 3. All basins located in the utility's service area shall demonstrate compliance and get DERM approval with the code requirements of less than 5,000 GPDIM-I/I and a completed Corrective Action Plan(s) in the submittal of the SSES 3rd Cycle Phase II Report, due on or before November 12, 2026. 4. Any utility's basin in the utility's service area in no compliance with the SSES 3rd Cycle Phase I and Phase II code requirements shall be placed in Temporary (TM) Moratorium status by DERM until the utility demonstrate compliance. Therefore, the utility shall have the limitations of proposing new wastewater flows for the basin as per the code requirements and DERM's evaluation <u>[see RFI-Matrix General Notes, Note No.14]</u> . 5. The utility did not submit the required night flow I/I test report for each basin in Phase I report. Therefore, the utility shall submit the required reports (missing and any new or re-tested basin's ngiht flow I/I reports) for each utility's basinin demonstrating compliance with less than 5,000 GPDIM-I/I and for DERM's approval in the submittal of the SSES 3rd Cycle Phse II Report, due on or before November 12. 2026.							
RF#1/MATRIX-BASINS REVIEW SUMMARY REMARKS AS PER THE PHASE I REPORT RECEIVED							

Number of Basins in the Utility Service Area required to be evaluated according to the SSES 3rd Cycle Phase I Rpt. requirements.	33	Number of Basins in Compliance and Non-compliance with SSES 3rd Cycle-Phase 1 Report Requirements. [Phase I Rpt. core-requirements includes the submittal for each utility basin of the MHs Inspection Rpt. & Corrective Action Plan (CAP), Smoke Tests Rpt. & CAP, Upstream Wastewater Flow Rpt. if applicable and Night Flow I/I Measurements/Calculations Rpt.]	Number of Basins in compliance with Phase I Rpt. requirements. 0	Number of Basins in non-compliance with Phase I Rpt.-requirements: 33 (see sumary remarks)	Summary remarks with list of basins status for compliance with the SSES 3rd Cycle Phase I Report	Summary Remarks: 1. List of basins reported with <u>surcharge condition</u>: [0] 2. List of basins <u>pending</u> to submit the MHs Inspection Report: [0] 3. List of basins pending to submit the MHs Inspection- CAP: [0] 4. List of basins <u>pending</u> to submit Smoke Test Report: [0] [A report was submitted for each basin]. 5. List of basins <u>pending</u> to submit Smoke Test Report - CAP: [0] [Basins with discovered I/I defects were reported in the CAP]. 6. List of basins with a <u>submitted CCTV Inspection Report</u>, but missing the required CCTV-CAP: [0]][No CCTV inspections were performed by the utility]. 7. Number or List of basins with <u>submitted Night Flow I/I Test Report with Less Than 5,000 GPDIM</u>, but <u>pending</u> to submit the Professional Engineer <u>Certification Form-A for DERM Final Approval</u>: [0] - [no night flow I/I test reportswere submitted; however, in Table 2 is proposed that all basins are with less than 5,000 GPDIM-I/I]. 8. List of basins with <u>submitted Night Flow I/I Test Report</u>, but pending <u>DERM request for additional information</u>: [33] [RFI requests to submit the missing nigh flow I/I test reports]. 9. List of basins <u>requiring to submit a Night Flow I/I Re-Test or New Report</u> and the Professional Engineer <u>Certification Form-B</u>: [0] [Because the required night flow I/I test report for the basins were not submitted, DERM cannot determine if a basin requires the submittal of a re-test report. In addition, because of thepropose night flow I/I test method was not specified in the report, DERM cannot provide the DERM Certification Form-B in the DERM Response Ltter]. 10. List of basins <u>claiming a credit for the night flow I/I test report</u>, but pending to submit a copy of the complete night flow I/I report or DERM's Approval Letter previously approved by DERM: [0] [no crdits claimed] 11. Number and list of basins <u>in compliance with all the requirements of the SSES 3rd Cycle Phase I Report</u>: [0] [All the basins require to provide the information requested in this RFI#1/Matrix; therefore, all the utility's basins are not in compliance with the Phase I report requirements].
--	----	---	---	--	--	--

RFI-MATRIX GENERAL NOTES - ADDITIONAL REQUIREMENTS

No.1 - As per SSES-DGR all SSES reports shall include the Basins or Sub-basins WCTS maps. Proposal by the EOR that DERM has the maps required information in DERM GIS records is not accepted. In addition, the utility shall provide for each basin in the utility service area the required Table 1-Basin Collection System Inventory providing the basin's IDM calculations for pipe segments between MHs, laterals IDMs / calculations, and the Basin Total IDM (laterals + gravity pipes) that will be used in the formula (see note no.6 below) to calculate the Basin's GPDIM. DERM allows the option to report and calculated the Basin's Lateral IDM consisting in showing just all the laterals lines in the basin's map and calculate the basin's laterals IDM based on Basin Lateral IDM = Number of laterals x 4 inch diameter (each lateral) x lentgh of lateral (25 L-Feet each lateral) x conversion factor LF to miles.
No.2 - Basins or Sub-basins WCTS maps without the required information as per SSES-DGR shall not be accepted and parts of the report requiring the maps information for the appropriate report's review by DERM. The basin(s) shall remain in non-compliance (disapproved) until the required basin/sub-basin map(s) is submitted and approved by DERM. If the utility do not have in records and cannot provide a public laterals size and length, the utility EOR shall considered the lateral four (4") diameter and twenty five (25) feet length for the requirements of the SSES report.
No.3 - According to DERM SSES Guidelines, RFI/Matrix General Notes-Additional Requirements, the Utility Annual Operating Permit (DWO), Permit-Specific Conditions, Condition No.5, and MDCEO, Chapter 24, require that no part of the collection system shall be surcharged and shall not be operated at any time under surcharged conditions. The utility requires to eliminate the surcharge conditions before proceeding with the SSCS tests (smoke and flow tests). A SSCS inspected, smoke tested, and night flow I/I measured in surcharge conditions shall invalidate (void) the smoke test and night flow I/I measurements and reports. if the smoke test was performed in the entire SSCS where the surcharge condition existed, the utility requires to smoke re-test the entire basin SSCS and a report submitted. If the smoke test was performed per sections/segments of the basin SSCS, only the segments/sections of the SSCS where the surcharge condition existed require to be smoke re-tested and a report submitted. The night flow measurements report proposed with the surcharged condition in the SSCS shall not be accepted (void). If the night flow I/I test was performed for the Basin (entire SSCS and where the surcharge condition exist), the night flow I/I Re-measurements shall be performed for the basin SSCS and a report submitted. If the night flow I/I test was performed for a Sub-basin where the surcharge condition exist, the night flow I/I Re-measurements shall be performed only in the sub-basin with the surcharge condition and a report submitted. The basins discovered in surcharge conditions and at the time of the SSES 3rd Cycle Phase I Report submittal continue in surcharge conditions, these basins shall be reported in the DERM Table 3A and included in the report.
No.4 - The utility is required to perform smoke and I/I flow tests and submit a reports for all the basins and sub-basins in the SSES 3rd Cycle. The utility could not submit the required smoke and flow test reports for a basin / sub-basin if the utility claims a credit. The claimed smoke and flow test reports credit require that the tests were performed and completed and the reports submitted for compliance with the SSES 2nd Cycle during the period of 2016 - 2022 in the SSES 3rd Cycle. The utility shall receive a report's credit if the submitted claim a credit and submit <u>COMPLETE</u> and <u>PREVIOUSLY-APPROVED</u> reports [except if DERM request specific information in this RFI#1/Matrix in lieu of the reports submittal] and DERM approves the submitted smoke and flow test reports claiming a credit. Otherwise, the credit(s) is not accepted and the basin/sub-basin(s) is not in compliance with the SSES 3rd Cycle requirements and the basin(s0 shall be placed in Temporary (TM) Moratorium until the utility demonstrate the basin(s) is in compliance with less than 5,000 GPDIM-I/I SSEs 3rd Cycle requirements.
No.5 - MHs Inspection and submittal of the report is a SSES-DGR. The current SSES-DGR do not required a CCTV inspection and report. If the utility perform a CCTV inspection in any basin and sub-basin, the CCTV report is required to be submitted to DERM for review and approval.
No.6 - A Basin (Sub-basin) GPDIM-I/I flow shall be calculated according to the following formula [the mandatory and discretional flows to be included in the formula are identified]: <u>Basin (same for a Sub-basin) GPDIM-I/I = Basin Night Flow I/I Measured/Calculated (GPD) [mandatory] - Basin Night Usage Wastewater Flow (GPD) Claimed as a credit [discretional and only applicable when claiming a credit] - Upstream Public Only Pump Station(s) Wastewater Flow(s) (GPD) [mandatory when the BOI is receiving upstream wastewater flow(s)] / Basin Total IDM Value [basin subtotal gravity mains IDM + basin subtotal laterals IDM].</u> <u>The GPDIM-I/I formula is the ONLY method accepted to demonstrate that a basin / sub-basin is in compliance with less than 5,000 GPDIM code requirement.</u> Calculations method of a basin / sub-basin based on DERM Non-Utility SSES Guidelines using terms and flow values such as "Allowable I/I Flows" (allowable leakage, etc.) to see how the "allowable" flow compares with the night flow I/I measured/calculated <u>to demonstrate compliance with less than 5,000 GPDIM-I/I code requirement is not accepted.</u> Utility basins and sub-basins shall demonstrate I/I compliance based on current DERM Second Cycle Sewer System Evaluation Survey (SSES) - Phases I, II, and III Reports and Third Cycle Sewer System Evaluation Survey (SSES) Phase I and Phase II Reports, dated July 2007, and revision dated April 15, 2024, and the RFI#1/Matrix, GPDIM Formula.
No.7 - A Basin or Sub-basin Night Flow I/I measurements (I/I Flow Test) or re-measurements shall not be performed when a reverse flow(s) condition is present during the flow testing. The flow test report shall not be accepted.

No.8 - A Basin or Sub-basin Night Flow I/I measurements (I/I Flow Test) or re-measurements and Upstream Basins Wastewater Flow Measurements or re-measurements performed according to the Method no.2 (see Section No.4 in this RFI/Matrix) shall comply with the following: a. Method no.2 shall require the appropriate calibration and installation according to the flow meter manufacturer's requirements. The meter's installer shall perform pre-test before performing the I/I flow measurements assuring the flow meter appropriate installation/calibration avoiding zero (0) flow readings, negative flow readings, and erratic (increases / decreases) between flow readings larger than 200% between readings reported in the flow meter raw data sheets. b. Proposed test date raw data sheets with negative and erratic flow readings (more than 200% increase/decrease between readings in the night flow I/I raw data sheets) shall not be accepted. In addition, any raw data for a flow test date with more than four (4) zero (0) flow readings between 1:00 AM - 5:00 AM with readings intervals between 15 minutes and with more than six (6) zero (0) flow readings between 1:00 AM - 5:00 AM with readings intervals 5-10 minutes shall not be accepted. Recalibration and re-evaluation of meter's installation according meter's manufacturer requirements, and flow re-test shall be required. The flow tests shall be performed during the year-wet season [June 1st - November 30th]. If the flow meter-installation's location is affecting the meter's reading accuracy, the utility's EOR has the option to use other of the DERM accepted night flow I/I test method listed/described in this RFI/Matrix, Section No.4, DERM Review Comment no.5. c. Night flow I/I measurements and upstream wastewater flow measurements using Method No.2 [flow meter(s) located in WWs and KMHs influent pipe(s)] shall require a WW and KMH Schematic Diagram according to requirements of Section No.4 in this RFI/Matrix.
No.9 - Flow meters shall be calibrated and installed as per meter manufacturer's specifications. The flow meter equipment shall be appropriate for measuring wastewater flows in gravity main pipes and according to the pipe's size. Manufacturer's specifications and cutsheets shall be submitted in the SSES reports. Flow meters shall be calibrated by the meter's manufacturer or the meter's installer. If the meter is calibrated by the company performing the flow measurements, a certification statement that the meter was calibrated according to the mfr. specifications and signed/sealed by the utility's engineer shall be provided with the Basins Night Flo I/I Report. Flow meters shall be calibrated to perform I/I flow readings in intervals between 5 - 15 minutes. As per minimum requirements, the flow meter raw data shall include the flow readings between 1:00AM and 5:00AM and during the wet season [June 1st - November 30th]. [Additional flow readings could be included in the meter raw data as per the EOR discretion, but only the flow readings between 1-5 AM shall be used in the basin night flow I/I calculations.
No.10 - Any basin and sub-basin (BOI) receiving upstream wastewater flow from other basin(s) and sub-basin(s) shall be reported in the SSES report. The upstream wastewater flow shall be measured using an accepted flow measurements method (flow meters-DERM Method no.2 in Section no.4 in this RFI/Matrix) and the wastewater upstream flow(s) measured between 1:00AM-5:00AM during any test date of the three (3) days of consecutive night flow I/I measurements during the wet season. The flow readings shall be performed according to Section No. 8 and No.9 above. The calculated average of the wastewater flow readings (minimum ten readings) shall be the basin total wastewater upstream flow. If the utility determine to use the option of shutting down (turned off) the upstream pump station(s), the pump station(s) must be shut down two (2) hours before and during the basin night flow I/I measurements [if operational and risk of SSO event are present, the shutdown time cannot be accomplished providing PS pump out down services]. <u>The basin total upstream wastewater flow is mandatory to be measured (flow test), reported (flow test report), and deducted from the BOI Total Night Flow I/I Measured/Calculated using the GPDIM formula [see note no.6 above for GPDIM-I/I formula].</u>
No.11 - The BOI wastewater night usage flow is not mandatory to be claimed by the utility and included in the SSES reports. It is to the utility's EOR discretion to claim a BOI night usage flow. If a night usage flow(s) is claimed for a private property(s) located in a basin (BOI), a night usage flow report is required to be submitted in the SSES report. The flow(s) requires to be calculated using the utility water consumption (metered flows in gpm or gpd) raw data in records for those properties for which the night usage flow shall be claimed. The water consumption flow for each private property claimed/selected in the basin shall be the average water consumption flows calculated between 1:00 - 5:00 AM for each of the three (3) test date of the basin night flow I/I measurements. The addition of all private properties (claimed/selected in the basin) water consumption average flows (GPD) calculated during each test date of the three (3) consecutive test days and between 1:00 - 5:00 AM will be the Basin/Sub-basin total night usage flow that can be proposed/claimed as a credit. This total night usage flow will be deducted from the basin total night flow I/I measured/calculated in the Basin GPDIM-I/I formula [see Note no.6 above for GPDIM-I/I formula] and reported in DERM DGR-Table 2 and Table 3A accordingly.
No.12 - Upstream Public Pump Station(s) Wastewater Flow discharged into a BOI SSCS must be measured as per Method no.2 requirements according to Section no.4 above, calculated, and deducted from the BOI night flow I/I in the basin / sub-basin GPDIM formula [see note no.6 above for GPDIM-I/I formula].
No.13 a. <u>The utility shall provide a response to this RFI#1/Matrix for SSES 3rd Cycle Phase I Report according to the DERM review comments and requested information. The response to the RFI#1/Matrix shall be identified as " Revised SSES 3rd Cycle Phase I Report-DERM Request for Information-RFI-Matrix and RFI/Matrix date listed above in the matrix's header ". The Revised-SSES 3rd Cycle Phase 1 Report shall be submitted as a separate (stand-alone) report from the SSES 3rd Cycle Phase II Report and this report shall be due before or on November 12, 2026. Please be aware that the RFI#1/Matrix has specific instructions about the utility's response to the DERM comments (Basin's Flows) in Section No.4 of this RFI#1/Matrix will be submitted in the SSES 3rd Cycle Phase II Report, due on or before November 12, 2026.</u> b. <u>The utility and utility's EOR shall be advised that the SSES 3rd Cycle Phase II Report (scope of work) shall consist in submitting a completed Corrective Action Plans (CAPs)-Rehabilitation Work and support documentation for the rehabilitation work (repairs) of each I/I defects listed in the CAP(s) as presented by the utility's EOR in the Utility-SSES 3rd Cycle Phase I Report or Revised Phase i Report and approved by DERM, and submitting each basins night flow I/I test report pending to demonstrate compliance with less than 5,000 GPDIM-I/I code requirements and approval by DERM. The SSES 3rd Cycle Phase II Report shall be due on or before November 12, 2026.</u>
No.14 - <u>The utility to demonstrate compliance with SSES 3rd Cycle requirements MUST have DERM's written approval for the submittal of the SSES 3rd Cycle Phase I Report or Revised Phase I Report, and Phase II Report, due on or before November 12, 2026. Any utility's basin in the utility's service area (except a basin(s) confirmed by DERM not requiring compliance with SSES 3rd Cycle requirements) in non-compliance with SSES 3rd Cycle Requirements after the DERM's final review of the SSES 3rd Cycle Phase I Report or Revised Phase I Report, and Phase II Report shall be placed and remain under Temporary (TM) Moratorium statu s and no new additional sewage flows (as determine by DERM) will be approved by DERM, and no new Building permits or changes of use applications that increase sewage flows, calculated in accordance with the Code nd determined by DERM shall be approved by the Building Official having jurisdiction, or any other person, until such time as the utility's basin/pump station is brought into compliance with the SSES 3rd Cycle code requirements [MDCEO, Section 24-42.2(3)(a), Section 24-7(17)].</u>
No.15 - The utility shall not submit any addendum to the requested submittal of a completed Revised SSES 3rd Cycle Phase 1 Report. In addition, the utility shall not submit any addendum to the SSES 3rd Cycle Phase II Report after the submittal due date November 12, 2026. Any required future addendum(s) to the SSES 3rd Cycle Phase II Report issued by the utility engineer of records (EOR) shall be according to DERM's request, in reference to a utility's consent agreement with RER-DERM, and if the utility is not in compliance with the SSES 3rd Cycle Requirements as determined by DERM's review of the SSES Phase I Report, Revised Phase I Report & Phase II Report.
No.16 - All SSES 3rd Cycle submittals (letters, reports, etc.) to DERM shall be uploaded (submitted) to the Utility's file in DERM File Transfer Protocol (FTP) Web Application, except when DERM has requested the submittal via email. The utility's EOR or his representative can request the FTP information / submittal procedures that include log in user name and password contacting the DERM plan reviewer listed in the RFI/Matrix-Header.



Attachment C: Source Evaluation for Specific RFI Items

Evaluation of Specific RFI Items

Number	Description	Miami-Dade County Code and/or DERM Guidelines (Yes / No)
1	Provide basin maps and include laterals on maps so that they “ <i>can be counted</i> ”.	*Yes. 2007 and 2024 Guidelines state: “ <i>The sewer maps should show and identify all sewer system components as well as all streets, easements, and water bodies.</i> ” DERM now seems to interpret “all” sewer system components to include laterals, although this interpretation was not applied to previous SSES cycles.
2	Include laterals in DERM Table 1.	*Yes. <u>New</u> in 2024 Guidelines.
3	Include laterals in IDM calculation for each basin.	No.
4	Subtract upstream flows for GPDIM calculation.	*Yes. <u>New</u> in 2024 Guidelines.
5	Coastal basin measurements are to be within 2 hours of high tide.	Yes. Miami-Dade County Code.
6	Complete DERM Certification Form A or B concerning flow monitoring method.	No.
7	Develop separate Private Defects table (using DERM form) for smoke testing defects including folio number, property type, and zip code.	No.

Note: DERM issued updated guidelines on April 25, 2024 (more than one year after the Cycle 3 SSES report submittal date of November 12, 2022).