

NJDEP MS4 MASTER PERMIT



NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM

The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey's valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state's environment is appreciated.

Permit Number: NJ0141852

Final: Stormwater Discharge Master General Permit Renewal

Permittee:

NJPDES Master General Permit
Program Interest Group R9 501
East State Street Trenton, NJ
08625

Co-Permittee:

Property Owner:

NJPDES Master General Permit
Program Interest Group R9 501
East State Street Trenton, NJ
08625

Location Of Activity: NJPDES

Master General Permit Program
Interest Group R9 501 East State
Street Trenton, NJ 08625

<u>Issuance Date:</u>	<u>Original Effective Date of Permit:</u>	<u>Effective Date of Permit Modification:</u>	<u>Expiration Date:</u>
11/01/2023	01/01/2023	10/20/2023	12/31/2027

Date: 11/01/2023

Gabriel Mahon, Chief
Bureau of NJPDES Stormwater Permitting and Water Quality Management
New Jersey Department of Environmental Protection

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code - 501-02A
Bureau of NJPDES Stormwater Permitting and Water Quality Management
P.O. Box 420 - 501 E State St., 1st Flr.
Trenton, NJ 08625-0420
Phone: (609) 633-7021 / Fax: (609) 777-0432
http://www.state.nj.us/dep/bwq/bwq_home.htm

PHILIP D. MURPHY
Governor

SHAWN M. LATOURETTE
Commissioner

December 19, 2022

SENT VIA EMAIL to: andrew.previt@colliersengineering.com

Andrew Previt
Sea Isle City
4416 Landis Ave
Sea Isle City, NJ 08243

Re: Stormwater Discharge General Permit Authorization Renewal
Category: R9 -MS4 - Tier A Municipal Stormwater (GP)
NJPDES: NJG0150037 / PI ID #: 214061
Sea Isle City, Cape May County

Dear Interested Party,

Enclosed is a final New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A. The Tier A Municipal Stormwater General Permit authorizes the discharge of stormwater from small municipal separate storm sewer systems (MS4). The permit was issued in response to USEPA's Phase II rules. The Tier A permit addresses stormwater quality issues related to both new and existing development.

A summary of the significant and relevant comments received on the draft action during the public comment period, the Department's responses, and an explanation of any changes from the draft action have been included in the Response to Comments document attached hereto as per N.J.A.C. 7:14A-15.16.

The final Tier A MS4 NJPDES permit and supporting documents are also posted at https://www.nj.gov/dep/bwq/tier_a.htm. Questions or comments regarding the final action should be addressed to Dan Kuti at Daniel.Kuti@dep.nj.gov.

Sincerely,

Gabriel Mahon, Bureau Chief
Bureau of NJPDES Stormwater Permitting and Water Quality Management

Enclosures
c: Permit Authorization
Response to Comments Document
Final Permit Document

New Jersey Department of Environmental Protection
Mail Code - 501-02A
Bureau of NJPDES Stormwater Permitting and Water Quality Management
PO Box 420- 501 E. State St. 1st Flr
Trenton, NJ 08625-0420
Phone: (609) 633-7021
Fax: (609) 777-0432

AUTHORIZATION TO DISCHARGE
R9 -MS4 - Tier A Municipal Stormwater (GP)

Facility Name: Sea Isle City

Permit Number: NJG0150037

Program Interest No.: 214061

Facility Address:
233 John F Kennedy Blvd
Sea Isle City, NJ 08243-0125

Type of Activity: Stormwater Discharge General Permit Authorization Renewal

Owner:
Sea Isle City
4416 Landis Ave
Sea Isle City, NJ 08243

Operating Entity:
Sea Isle City
4416 Landis Ave
Sea Isle City, NJ 08243

<u>Issuance Date:</u>	<u>Effective Date:</u>	<u>Expiration Date:</u>
12/13/2022	01/01/2023	12/31/2027

Your Request for Authorization under NJPDES General Permit No. NJ0141852 has been approved by the New Jersey Department of Environmental Protection.

Gabriel Mahon, Chief
Bureau of NJPDES Stormwater Permitting and Water Quality Management

Date: 12/19/2022

(Terms, conditions and provisions attached hereto)

The Colliers logo consists of the word "Colliers" in a white serif font, positioned above three horizontal stripes of color: yellow, red, and blue. The logo is contained within a white rounded rectangular border.

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Engineering
& Design

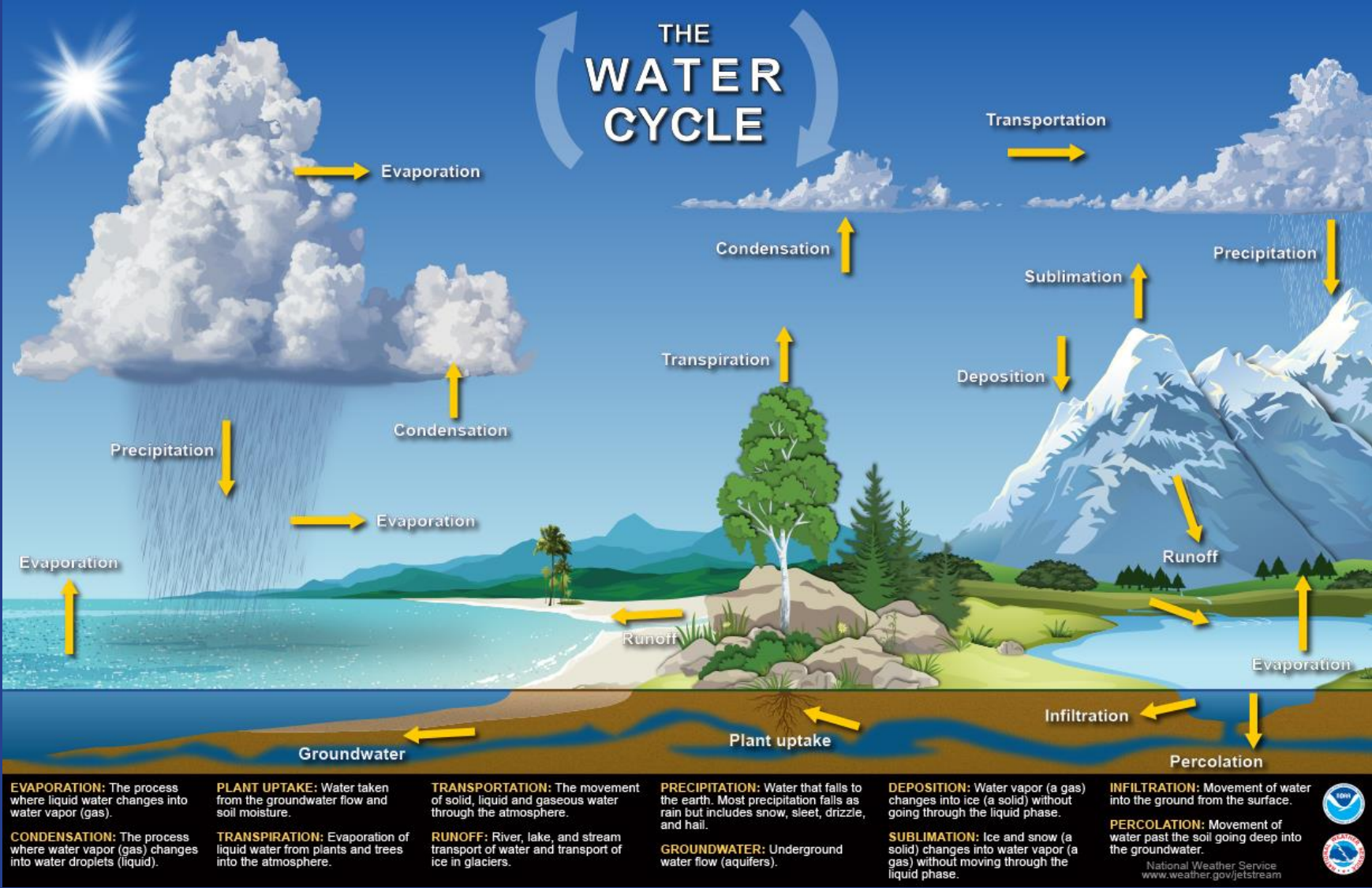
PUMP STATION OUTFALL ANALYSIS

Serving SIC Drainage Areas 23 & 15A

Presented to: Sea Isle City Council

Prepared by: Andrew Previti, PE & Christopher Eaton, PE, CME

HYDROLOGIC CYCLE



Source - www.noaa.gov/education/resource-collections/freshwater/water-cycle

RUNOFF EXPLANATION

Runoff (hydrology)

🌐 1 language ▾

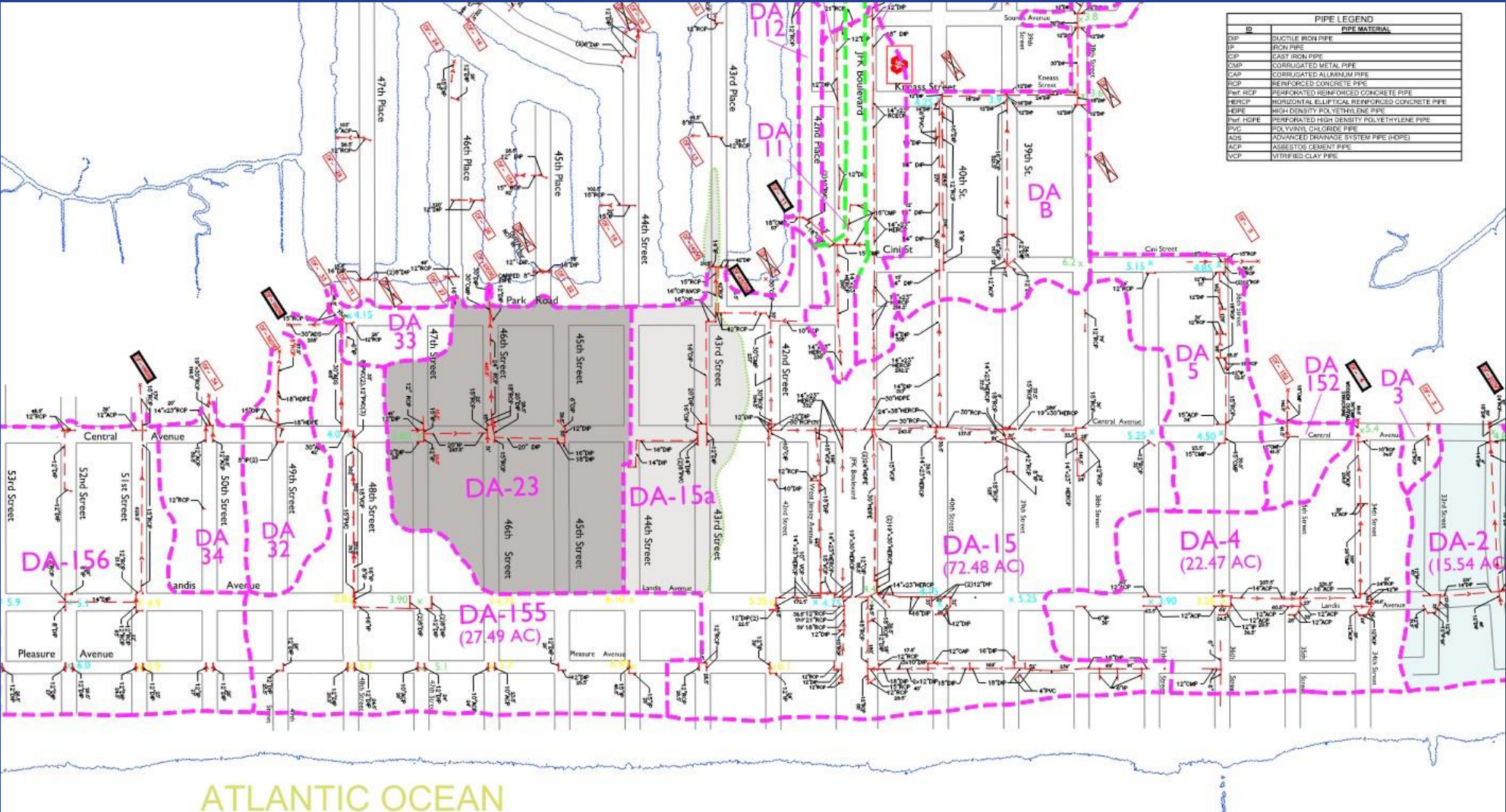
Article [Talk](#)

Read [Edit](#) [View history](#) [Tools](#) ▾

From Wikipedia, the free encyclopedia

Runoff is the flow of [water](#) across the earth, and is a major component in the [hydrological cycle](#). Runoff that flows over land before reaching a watercourse is referred to as *surface runoff* or *overland flow*. Once in a [watercourse](#), runoff is referred to as *streamflow*, *channel runoff*, or *river runoff*. [Urban runoff](#) is surface runoff created by [urbanization](#).

SEA ISLE DRAINAGE AREAS



Taken from Sheet 14 of 16 of a set of plans prepared by Maser Consulting, titled "FLOOD MITIGATION STUDY MAPPING", dated 08/01/18

RECENT STORM EVENT PHOTOS



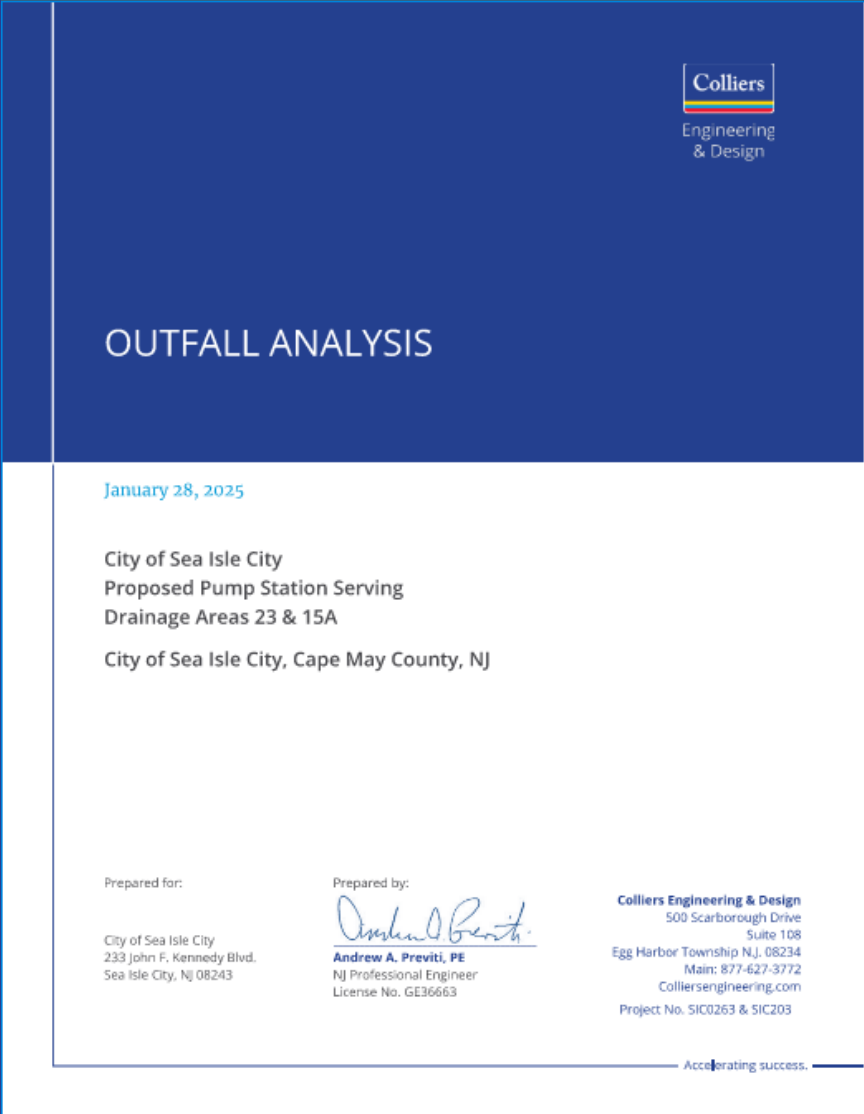
Photos by C.E.D. – (1) Central Avenue & 37th Street looking South ; (2) Sea Isle City Marina/Boat Ramp

RECENT STORM EVENT PHOTOS



Photos by C.E.D. – (1) Central Avenue & 37th Street looking South ; (2) Sea Isle City Marina/Boat Ramp

PREVIOUS REPORTS REGARDING OUTFALL



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OUTFALL ANALYSIS

January 28, 2025

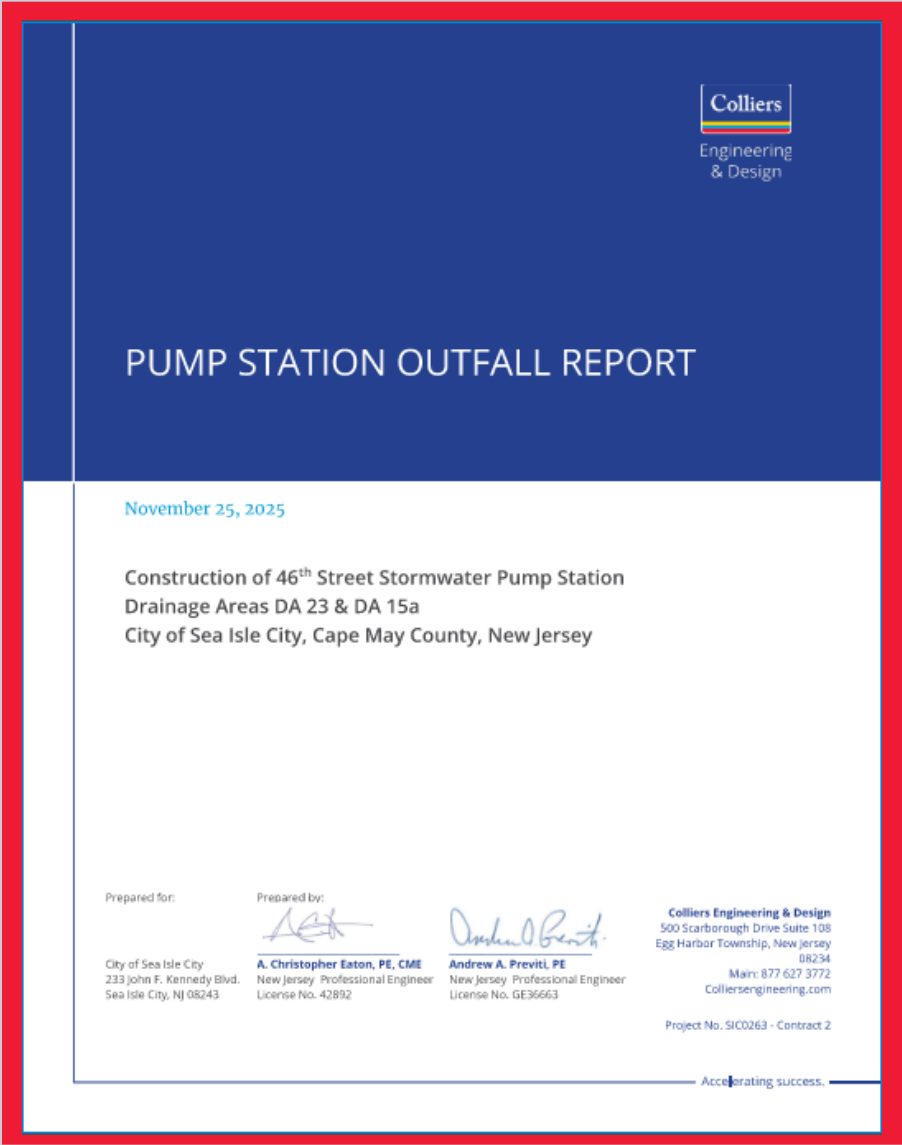
City of Sea Isle City
Proposed Pump Station Serving
Drainage Areas 23 & 15A
City of Sea Isle City, Cape May County, NJ

Prepared for:
City of Sea Isle City
233 John F. Kennedy Blvd.
Sea Isle City, NJ 08243

Prepared by:
Andrew A. Previti
Andrew A. Previti, PE
NJ Professional Engineer
License No. GE36663

Colliers Engineering & Design
500 Scarborough Drive
Suite 108
Egg Harbor Township NJ, 08234
Main: 877-627-3772
Colliersengineering.com
Project No. SIC0263 & SIC203

Accelerating success.



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Engineering & Design

PUMP STATION OUTFALL REPORT

November 25, 2025

Construction of 46th Street Stormwater Pump Station
Drainage Areas DA 23 & DA 15a
City of Sea Isle City, Cape May County, New Jersey

Prepared for:
City of Sea Isle City
233 John F. Kennedy Blvd.
Sea Isle City, NJ 08243

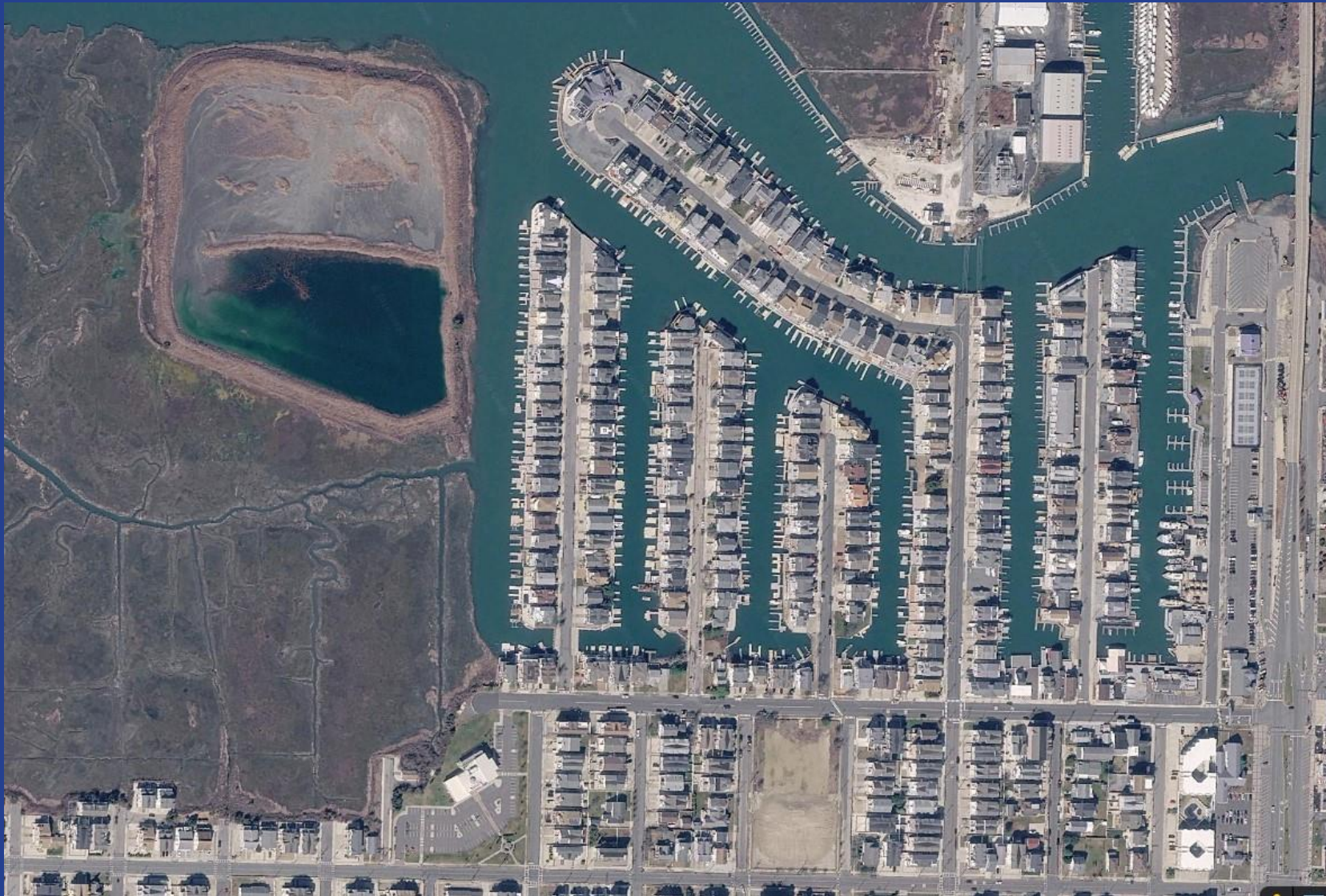
Prepared by:
A. Christopher Eaton
A. Christopher Eaton, PE, CME
New Jersey Professional Engineer
License No. 42892

Andrew A. Previti
Andrew A. Previti, PE
New Jersey Professional Engineer
License No. GE36663

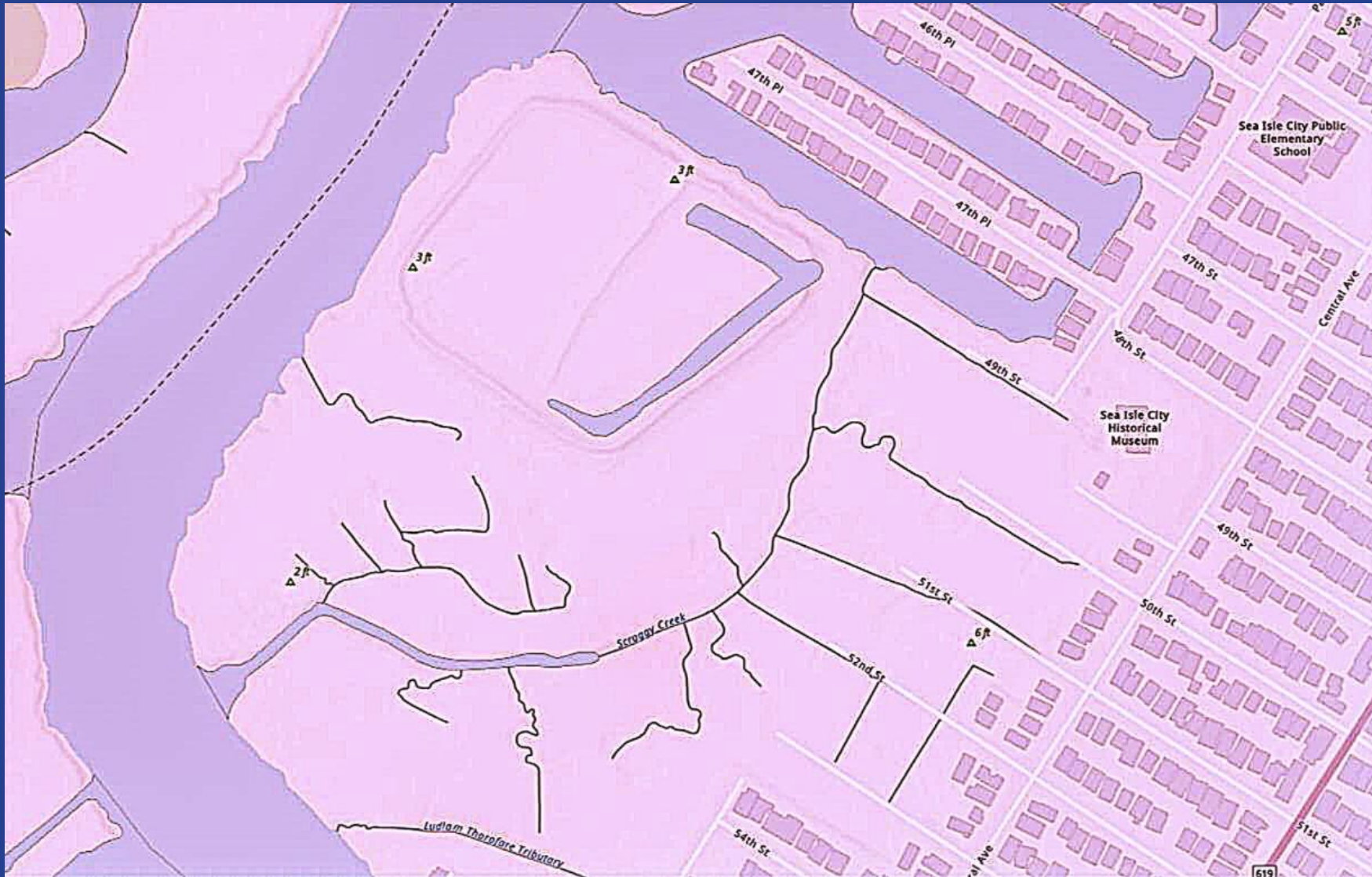
Colliers Engineering & Design
500 Scarborough Drive Suite 108
Egg Harbor Township, New Jersey
08234
Main: 877 627 3772
Colliersengineering.com
Project No. SIC0263 - Contract 2

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AERIAL PHOTO OF AFFECTED AREA



EXISTING WATERCOURSES WITHIN PROPOSED OUTFALL AREA



Source: USGS mapping

OUTFALL LOCATION OPTIONS



FORCE MAIN PATH – 46TH St & PARK ROAD



MARSH AREA WEST OF CMC LIBRARY



MARSH AREA BEHIND CMC LIBRARY – OPTION #1



Photos by C.E.D. – (1) Marsh area looking East toward CMC Library; (2) Behind CMC Library looking West

EXISTING CMC OUTFALL BEHIND LIBRARY



Option #1 – BEHIND CMC LIBRARY

Permits required

- CAFRA
- Waterfront Development Individual Permit
 - Coastal Wetlands
 - Flood Hazard
 - US Army Corps
 - Tidelands License

Option #1 – BEHIND CMC LIBRARY

Time Frame

a. Permit process - Including Application Preparation

1. CAFRA / Coastal Wetlands / Waterfront Development IP – 8-10 Months
2. Tidelands – 120 Days
3. US Army Corps – 6-8 Months
4. Flood Hazard

b. Design \ Bidding \ Construction

1. Design -2 months
2. Bidding -1 month
3. Construction -12 months

Option #1 – BEHIND CMC LIBRARY

Cost

a. Permit fees

1. CAFRA / Waterfront Development IP – \$3,000 Per Acre of Water Area Disturbed
2. Tidelands – TBD
3. US Army Corps – No Fee
4. Coastal Wetlands - \$3,000 Per Acre of Wetlands Disturbed

b. Construction (Not Including Pump Station Construction)

<u>CMC Library Outfall Location</u>				
Forcemain	1200	LF	\$400.00	\$480,000.00
Trench Restoration	1200	LF	\$100.00	\$120,000.00
Stilling Chamber with Check Valve	1	Units	\$60,000.00	\$60,000.00
Outfall /Headwall & Scour Hole	1	L.S.	\$25,000.00	\$25,000.00
			TOTAL	\$685,000.00

47TH PLACE BULKHEAD - OPTION #2



Photos by C.E.D. - (1) Terminus of 47th Place at existing bulkhead; (2) From Sea Isle Yacht Club looking East toward 47th Place

Option #2 – 47th STREET BULKHEAD

Permits required

- CAFRA
- Waterfront Development Individual Permit
 - US Army Corps

Option #2 – 47th PLACE BULKHEAD

Time Frame

a. Permit process - Including Application Preparation

1. CAFRA / Waterfront Development IP – 8-10 Months
2. US Army Corps – 6-8 Months

b. Design \ Bidding \ Construction

1. Design -2 months
2. Bidding -1 month
3. Construction -12 months

Option #2 – 47th PLACE BULKHEAD

Cost

a. Permit fees

- 1. CAFRA / Waterfront Development IP – \$3,000 Per Acre of Water Area Disturbed
- 2. US Army Corps – No Fee

b. Construction (Not Including Pump Station Construction)

47 th Place Bulkhead Outfall Location				
Forcemain	2300	LF	\$400.00	\$920,000.00
Trench Restoration	2300	LF	\$100.00	\$230,000.00
Stilling Chamber with Check Valve	1	Units	\$60,000.00	\$60,000.00
Bulkhead Work	1	L.S.	\$50,000.00	\$50,000.00
			TOTAL	\$1,260,000.00



Engineering
& Design

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What sets us apart is not what we do, but how we do it. Our people are passionate, take personal responsibility and focus on what's right for our clients, people and communities. We attract and develop industry leaders, empowering them to think and act differently to drive exceptional results. At Colliers Engineering & Design, we accelerate success.