



**US Army Corps
of Engineers**
Philadelphia District
1650 Arch Street
Philadelphia, PA 19103-2004
Attn: CENAP-OPR

Public Notice

Comment Period Begins: March 11, 2025
Comment Period Ends: April 10, 2025
File Number: NAP-2014-0883-87
File Name: Fairless Hills Basin Waste Management of PA BU
Contact: Rachel Ward
Email: Rachel.J.Ward@USACE.army.mil

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: Waste Management of PA, Inc.

AGENT: Urban Engineers, Inc.

LOCATION: The project site is located within the Delaware River, at the Fairless Hills Basin and berthing areas, which are located adjacent to 1121 Bordentown Road in Morrisville, Bucks County, PA (40.138968, -74.755288).

PURPOSE: The stated purpose of the project is to maintain sufficient water depths for safe navigation and docking at the Fairless Hills Basin and berthing areas.

PROJECT DESCRIPTION:

Waste Management of PA, Inc. has requested authorization to undertake 10-year maintenance dredging in the Delaware River the Fairless Hills Basin and berthing areas, which are located at 1121 Bordentown Road in Morrisville, Bucks County, PA (40.138968, -74.755288). Dredging would be to maintain a depth of -41' MLW. Over the course of the 10-year authorization it is projected that the sediment quantity would total a maximum of 220,000 cubic yards from an 18-acre dredge footprint, and that a total of 5 dredging events would occur, each lasting approximately 1-2 days. The first cycle will entail dredging of 60,000 cubic yards, and subsequent dredging events would be approximately 40,000 cubic yards. Dredging will be completed using either the hydraulic or mechanical method, depending on equipment availability for each individual dredging cycle. Sediment at the site is a combination of silt and sand (primarily silt), with a small amount of clay. Sediment sampling was performed on August 21, 2024, in accordance with PADEP guidelines for sediment disposal at Biles Island. No samples exceeded PADEP Clean Fill Concentration Limits. All resultant dredged material would be disposed of at either Money Island CDF, located in Falls Township, PA (40.125943, -74.792385), or at Biles Island CDF, located in Falls Township, PA (40.175943, -

74.749050). The first dredging cycle is expected to begin in the fall or winter of 2025 into 2026.

Hydraulically dredged material would typically be pumped straight to either Money Island CDF or Biles Island CDF. Mechanically dredged material would be placed in a walled barge before being unloaded into the disposal facility. Mechanical dredging would utilize a barge mounted dredging crane with digging bucket (barge appx. 120'x50'), 2 scow storage barges (appx. 100'x40'), and a support tug and entail approximately 14 days of dredging per cycle, 24 hours per day, with up to 6 trips to either Money Island CDF or Biles Island CDF. Hydraulic dredging would utilize a barge mounted hydraulic cutterhead (10"-15" diameter, mounted on appx. 60'x40' barge) and a support tug. The approximate pipeline lengths are shown on DWG GA-2 (attached). Hydraulic dredging would take approximately 21 days of dredging per cycle, at 12-24 hours per day.

For additional project details, see the attached plans identified as:

"Waste Management of PA, Inc., Philadelphia, PA, WM Dredging Permit, Dredging Plan", Sheet Number GA-1, by Urban Engineers, Inc., dated 12-6-24, unrevised;

"Waste Management of PA, Inc., Philadelphia, PA, WM Dredging Permit, Floating Pipeline Plan", Sheet Number GA-2, by Urban Engineers, Inc., dated 12-6-24, unrevised; and,

"Waste Management of PA, Inc., Philadelphia, PA, WM Dredging Permit, Dredging Sections", Sheet Number GA-3, by Urban Engineers, Inc., dated 12-6-24, unrevised.

MITIGATION

The applicant has stated that the proposed project has been designed to avoid and minimize adverse effects on the aquatic environment to the maximum extent practicable. Information provided in the application and on plans indicates that there will be no discharge of dredged or fill material in waters of the United States and as such, compensatory mitigation for the proposed structure(s) and/or work is not proposed.

CORPS EVALUATION FACTORS

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof. Among these factors are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and

conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people.

ENDANGERED SPECIES

A preliminary review of this application indicates that species and/or their critical habitat pursuant to Section 7 of the Endangered Species Act (ESA) may be present in the action area. This office will forward this Public Notice to the U.S. Fish and Wildlife Service (USFWS) and/or National Marine Fisheries Service (NMFS) with a request for technical assistance on whether any ESA-listed species or their critical habitat may be present in the area which would be affected by the proposed activity. This office will evaluate the potential effects of the proposed actions on ESA-listed species or their critical habitat and will consult with the USFWS and/or NMFS, as appropriate. ESA Section 7 consultation would be concluded prior to the final decision on this permit application.

CULTURAL RESOURCES AND TRIBAL TRUST

The District's Cultural Resource Specialist and Tribal Liaison is currently reviewing the proposed permit action for potential impacts to Historic Properties eligible for or listed on the National Register of Historic Places and for potential issues concerning the Tribes. A determination of effects will be coordinated with the State Historic Preservation Office, the Tribes and other consulting parties as necessary.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act (MSA) requires all federal agencies to consult with the NMFS for all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH). A preliminary review of this application indicates that EFH is present within the project area. This office will evaluate the potential effects of the proposed actions on EFH and will consult with NMFS, as appropriate. Consultation would be concluded prior to the final decision on this permit application.

The applicant has stated that hydraulic dredging operations would not occur between January 1st and July 31st of any year, and that mechanical dredging operations would not occur between January 1st and June 30th of any year in order to protect anadromous fisheries spawning and migration as well as any federally listed threatened or endangered species that may occur within the Delaware River in the vicinity of the project site.

WATER QUALITY CERTIFICATE

In accordance with Section 401 of the Clean Water Act, a Water Quality Certificate (WQC) is required from the State government in which the work is located. Any

comments concerning the work described above which relate to Water Quality considerations should be sent to this office with a copy to the State.

COASTAL ZONE MANAGEMENT ACT

In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management (CZM) Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State CZM Program. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. Comments concerning the impact on the State's coastal zone should be sent to this office with a copy to the State's CZM office.

SUBMISSION OF COMMENTS AND PUBLIC HEARING REQUEST

Any comments received will be considered by this office to determine whether to issue, modify, condition, or deny a permit for this proposed project. To make this decision, comments are used to assess the probable impact on the public interest. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the proposed work must be submitted, in writing, within the comment period indicated in the header above. Any person may request, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing must be in writing and state the reasons for holding a public hearing.

Please provide any comments, request for a public hearing, or requests for additional information to the Regulatory Project Manager indicated above. All Public Notices are posted on our website at:

<https://www.nap.usace.army.mil/Missions/Regulatory/Public-Notices/>

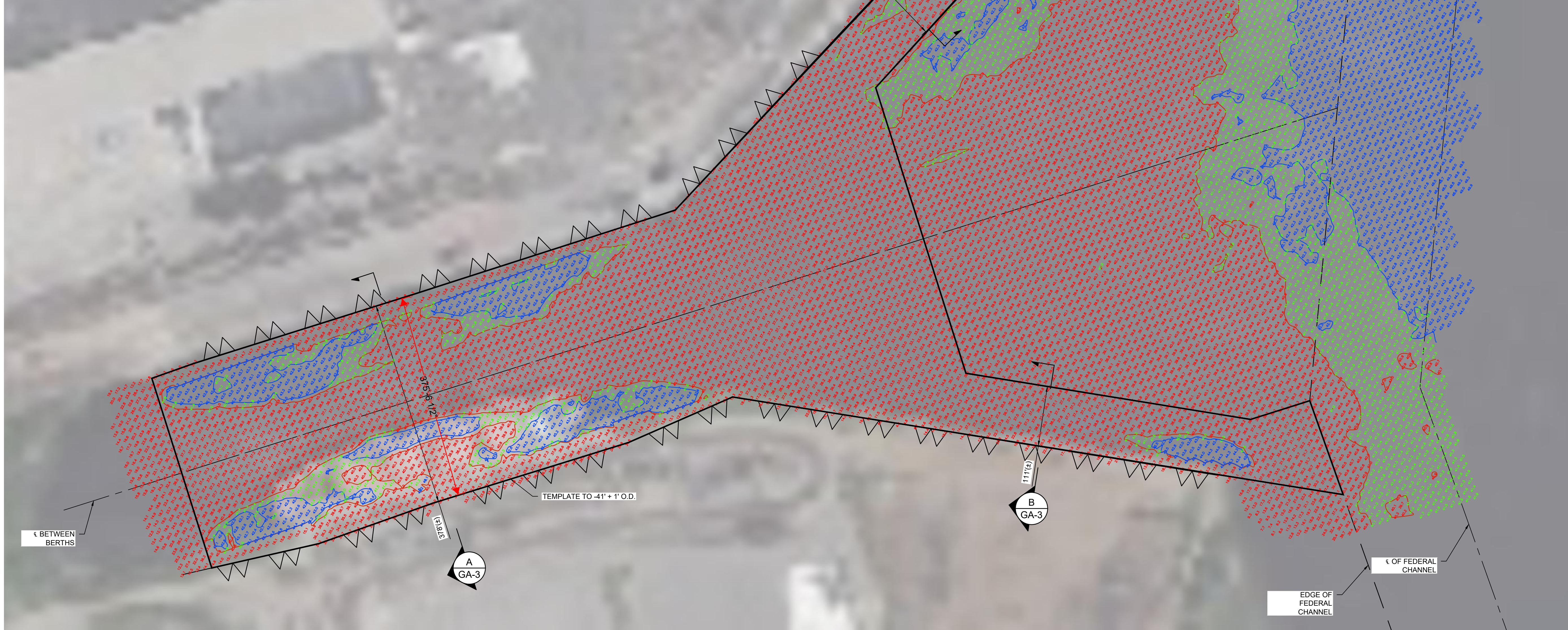
FOR: Todd A. Schaible
Chief, Regulatory Branch

NOTES:

1. MHWL, HTL AND MLWL ARE ALL LOCATED ALONG THE BULKHEAD.
2. THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.
3. HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.
4. VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS 3.55' BELOW N.A.V.D 88.
5. GEOID 09 AND NOAA TIDE EPOCH: 1983 - 2001 WERE USED.
6. SOUNDINGS ARE EXPRESSED IN FEET & TENTHS AND REFER TO MEAN LOWER LOW WATER.
7. SOUNDINGS WERE SELECTED FOR PLOTTING PURPOSED ONLY, USING THE MINIMUM DEPTH WITHIN A 15' x 15' CELL, SHIFTED TO THE CELL'S CENTER.
8. CONTOURS DEPICT ACTUAL LOCATION OF BATHYMETRY AND DO NOT NECESSARILY REFLECT PLOTTED SOUNDING LOCATIONS.
9. CONTOURS WERE GENERATED USING THE MINIMUM DEPTH WITHIN A 3' x 3' CELL.
- 41' CURVE OF DEPTH SHOWN THUS: —
- 42' CURVE OF DEPTH SHOWN THUS: —
10. HYPACK, INC. SOFTWARE WAS USED TO PERFORM THE SOUNDING SELECTION AND CONTOUR GENERATION.
11. THE INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS CONDUCTED BY USACOE ON 03/01/24 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE TIME.

LEGEND:

- DREDGING AREA = 784000 SF
- EX. BULKHEAD LINE



1 DREDGING PLAN
GA-1



SEAL

BY:

DATE:

REV	DATE	DESCRIPTION	BY	CHKD	APD
0	12/06/24	ISSUED FOR PERMIT	SMM	PB	MGW

PHILADELPHIA, PA

WASTE MANAGEMENT OF PA, INC

WM DREDGING PERMIT

DREDGING PLAN

SCALE:	AS NOTED	DESIGN BY:	SMM
DATE:	12/06/2024	APPROVED BY:	MGW
PROJECT NO:	2024000041.000	DRAWN BY:	FYC
SHEET NUMBER:	GA-1	CHECKED BY:	SMM
SHIT NO.:	SHITNO	OF TOT SH	
DRAWING FILE NO:	DREDGING... .DWG	REV NO:	0



TO BILES ISLAND: 82,732,000 LF

URBAN
ENGINEERS

Urban Engineers, Inc.
530 Walnut Street,
Philadelphia, PA 19106
o. 215.922.8800

[illegible]

PHILADELPHIA, PA

WM DREDGING PERMIT

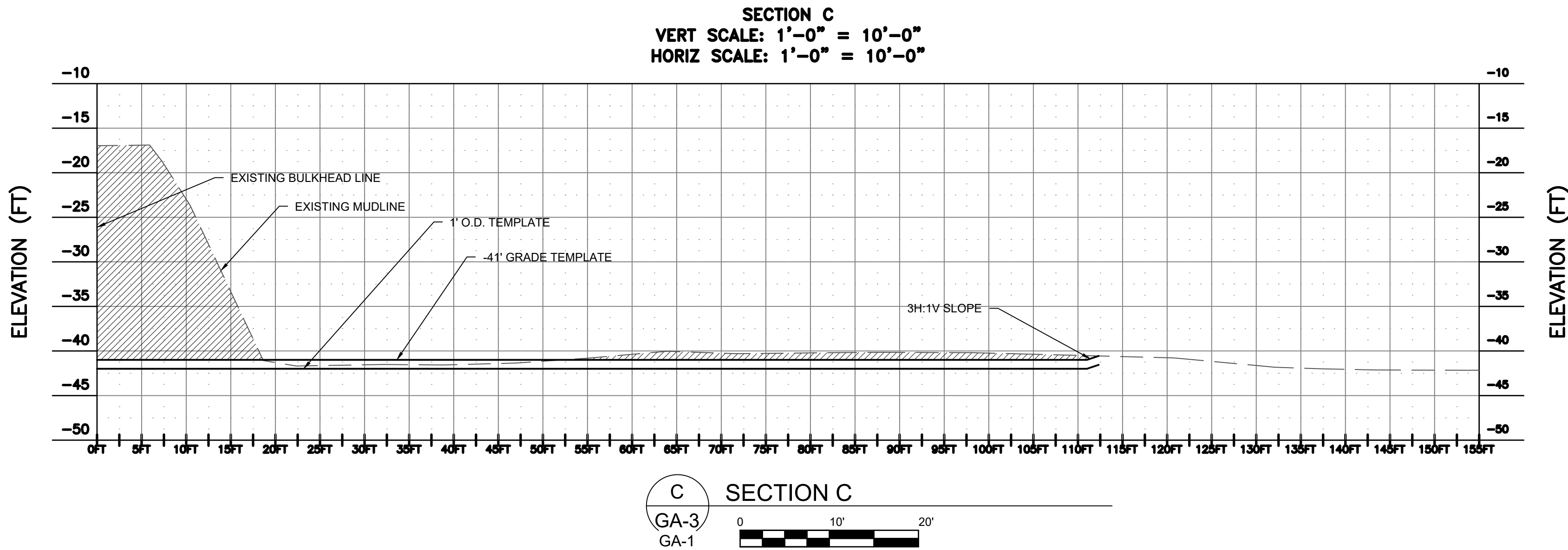
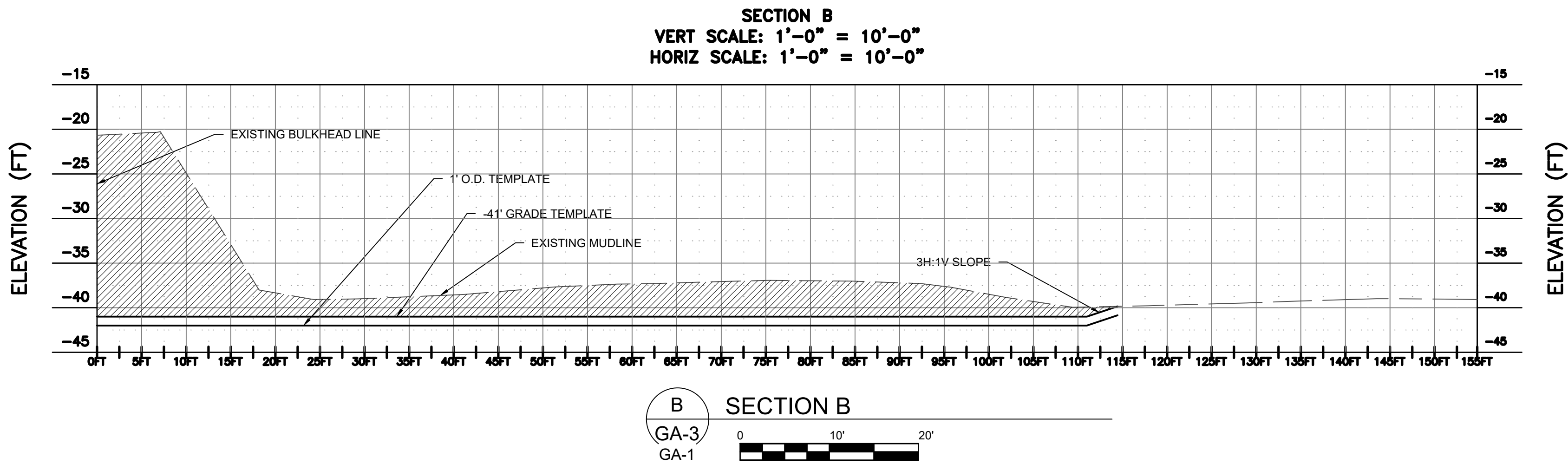
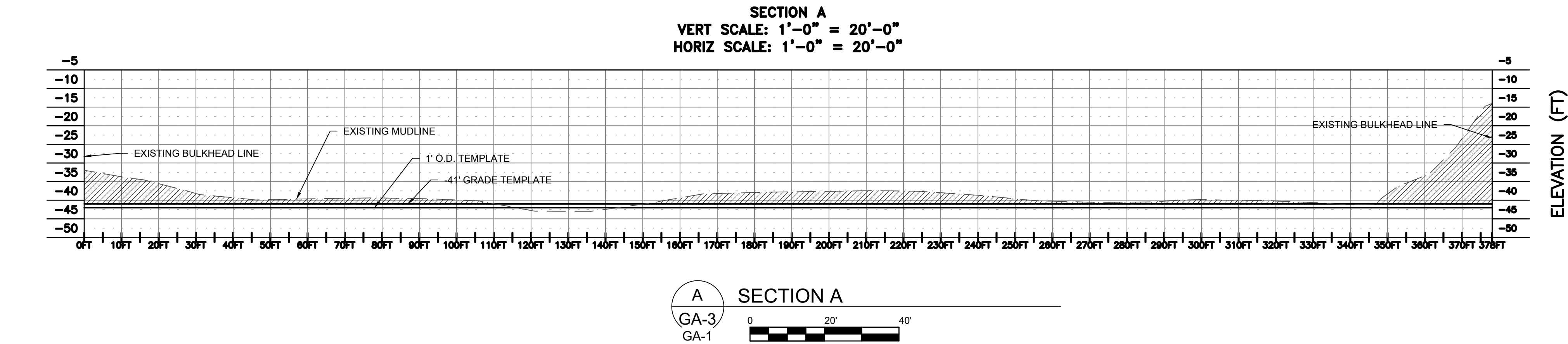
FLOATING PIPELINE PLAN

SCALE:	DESIGN BY: SMW
AS NOTED	APPROVED BY: MGW
DATE:	DRAWN BY: FYC
12/06/2024	CHECKED BY: SMW
PROJECT NO.: 2024000041.000	
SHEET NUMBER	
GA-2	
SHT. NO.: SHTNO OF TOT SH	
DRAWING FILE NO.: DREDGING... .DWG	REV. NO.: 0

Z:\PROJECTS\2024000041.000 WM DREDGING PERMIT\TECHP&W\DRAWINGS\WORKING DRAWINGS\CURRENT\DREDGING PLAN.DWG

DATE PRINTED: 12/26/2024 12:59:31 PM

ISSUED FOR PERMIT



LEGEND:

DREDGING AREA



Urban Engineers, Inc.
330 Walnut Street
Philadelphia, PA 19106
215.572.2800

SEAL

BY:

DATE:

REV	DATE	BY	DESCRIPTION
0	12/06/24	SMM	ISSUED FOR PERMIT
		PB	MCW
		CKD	APD

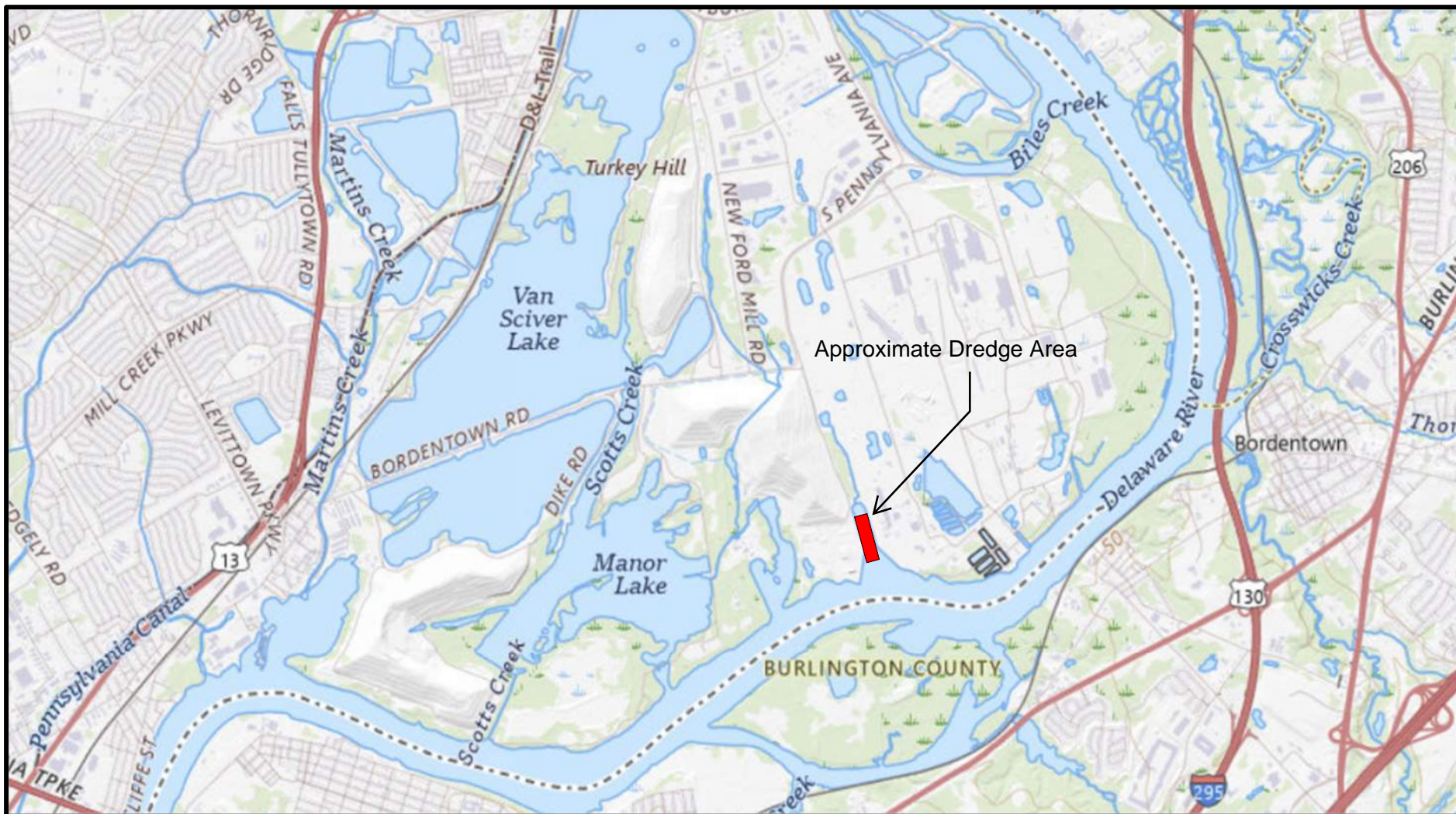
PHILADELPHIA, PA

WASTE MANAGEMENT OF PA, INC

WM DREDGING PERMIT

DREDGING SECTIONS

SCALE:	AS NOTED	DESIGN BY:	SMM
DATE:	12/06/2024	APPROVED BY:	MCW
PROJECT NO:	2024000041.000	DRAWN BY:	FVC
SHEET NUMBER:	GA-3	CHECKED BY:	SMM
SHT NO.:	SHTNO	OF TOT SH	
DRAWING FILE NO.:	DREDGING... .DWG	REV NO.:	0



Source: usgs.gov

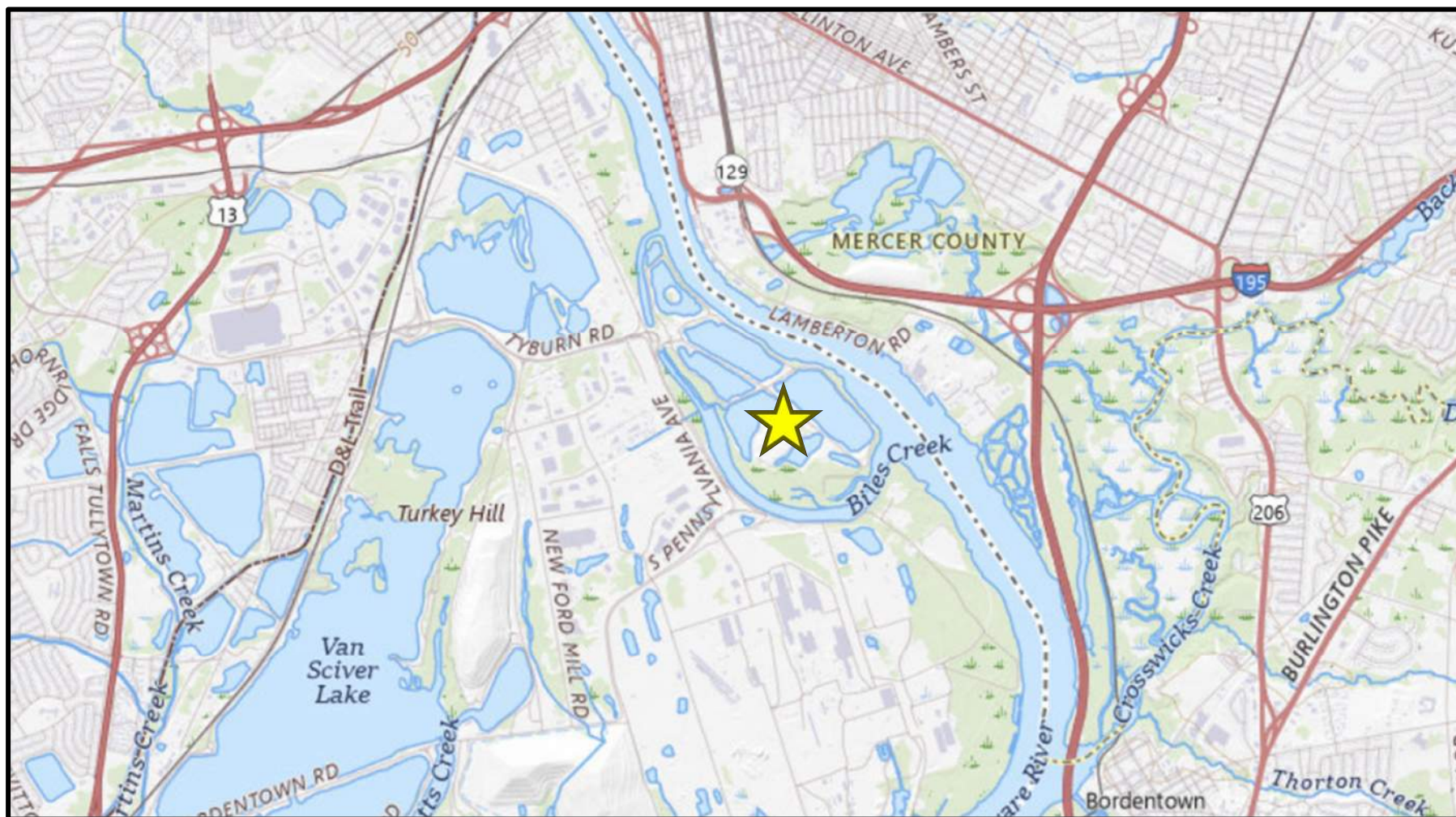
USGS Topographic Map

Waste Management of Pennsylvania- Bucks County, PA Facility Maintenance Dredging

1 Sinter Road, Fairless Hills, Bucks County, PA

Trenton West, NJ, PA Quad Map





Source: usgs.gov

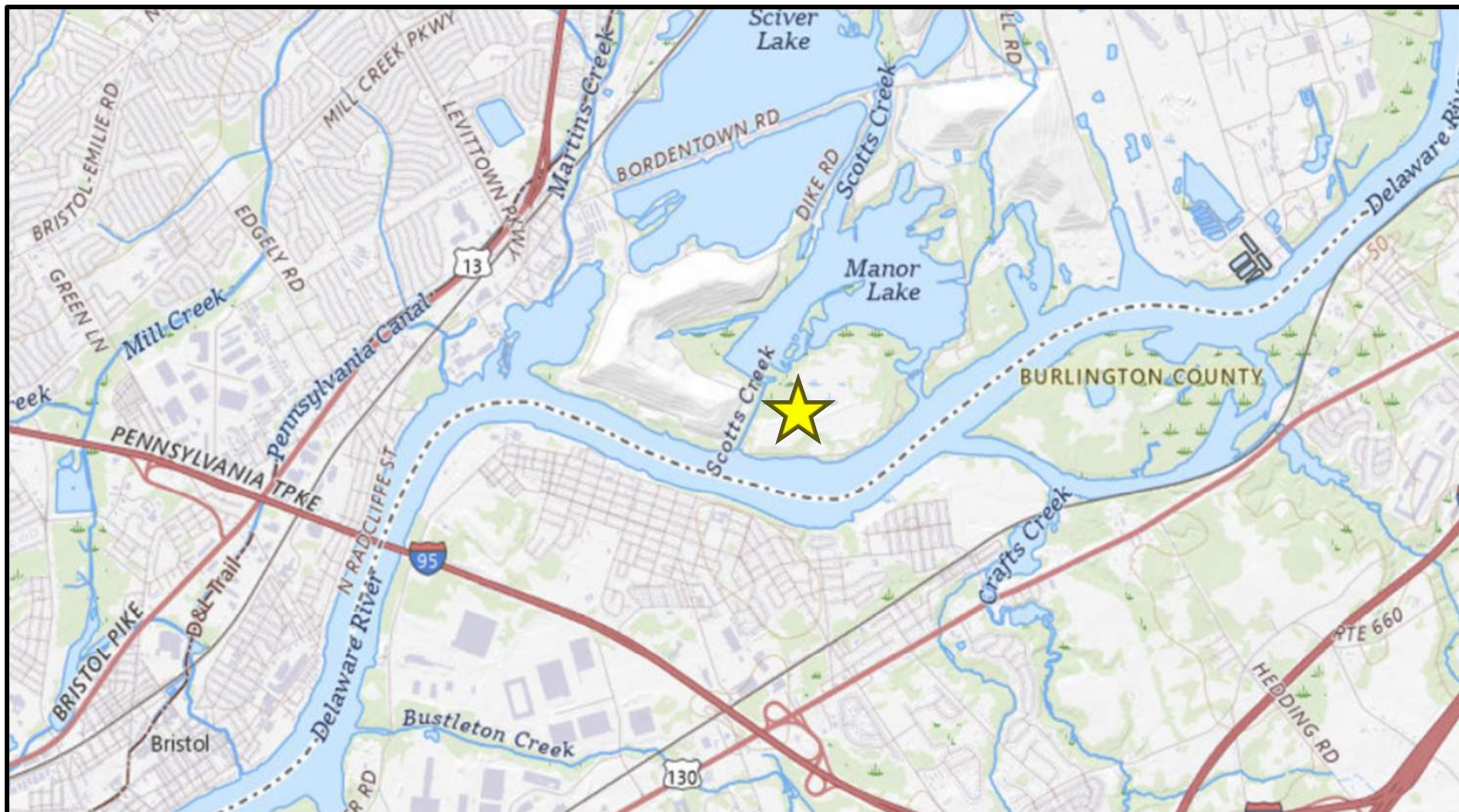
Topographic Location of Biles Island

Biles Island, Falls Township, PA

Trenton West, NJ, PA Quad Map

Latitude: 40.175322 N Longitude: -74.748614 W





Source: usgs.gov

Topographic Location of Money Island

Money Island, Falls Township, PA

Trenton West, NJ, PA Quad Map

Latitude: 40.125943° N Longitude: -74.792385° W





Source: usgs.gov

Topographic Location of Money Island

Money Island, Falls Township, PA

Trenton West, NJ, PA Quad Map

Latitude: 40.125943° N Longitude: -74.792385° W



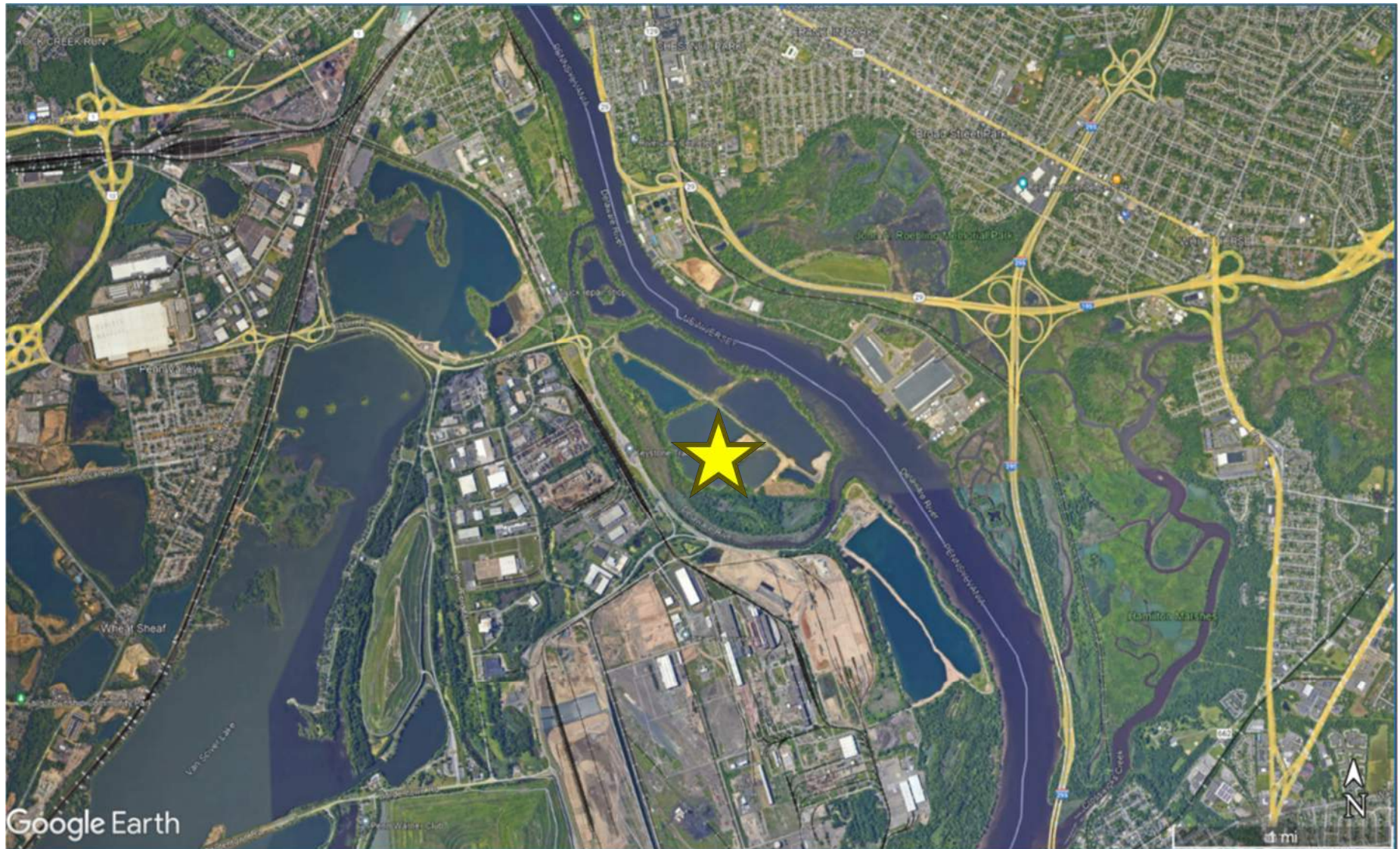


Source: Google Earth

Aerial Location Map of Fairless Hills Basin

Falls Township, Bucks County, PA

Latitude: 40.139551° N, -74.755259° W

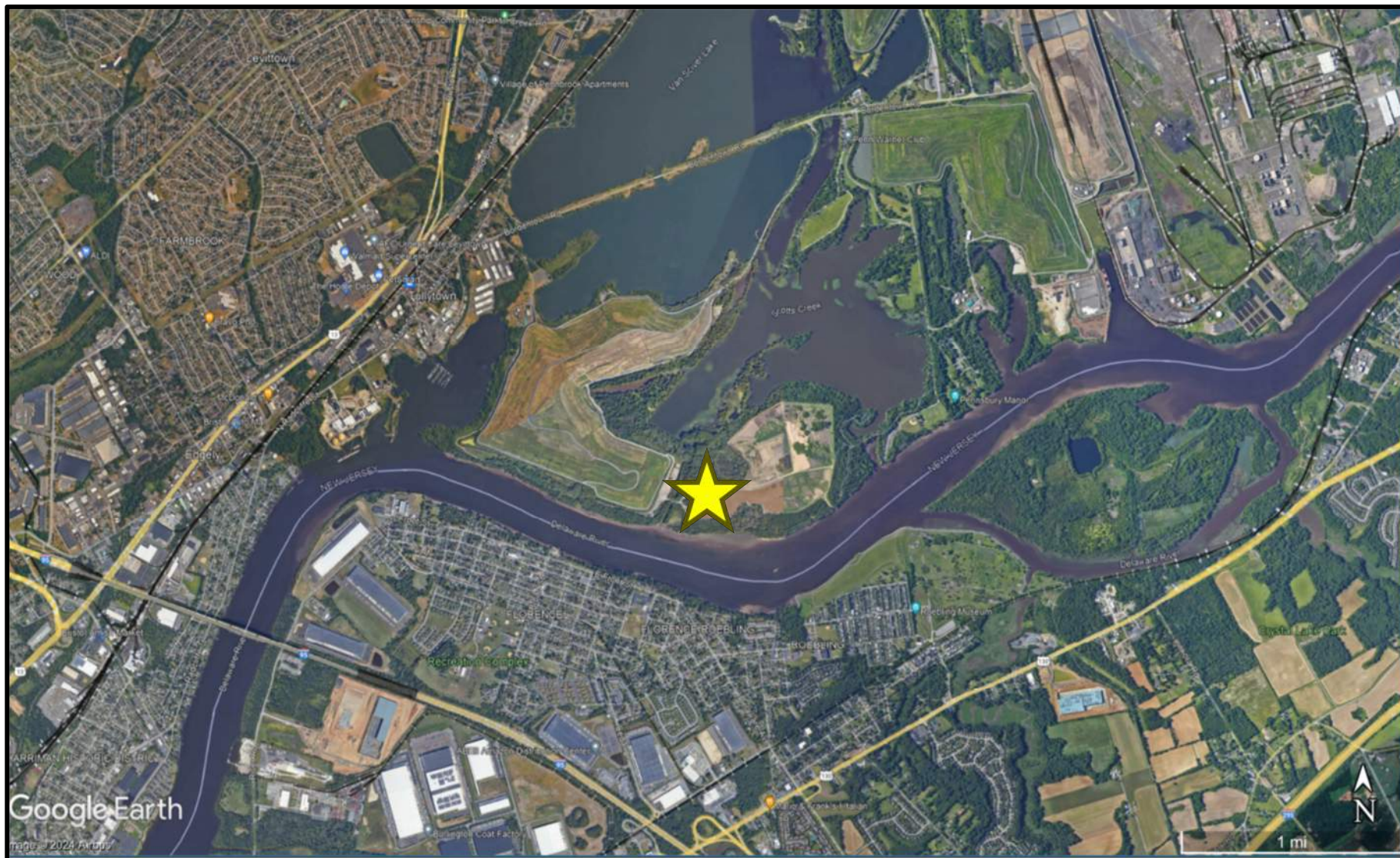


Source: Google Earth

Aerial Location Map of Biles Island

Falls Township, Bucks County, PA

Latitude: 40.175943° N, -74.749050° W



Source: Google Earth

Aerial Location Map of Money Island

Falls Township, Bucks County, PA

Latitude: 40.124768° N, -74.791559° W