



Public Notice

**U.S. Army Corps
of Engineers**
Pittsburgh District

In Reply Refer to
Notice No. below

US Army Corps of Engineers, Pittsburgh District
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Application No. LRP 2017-1183

Date: 25 OCT 2019

Notice No. 19-60

Closing Date: 24 NOV 2019

1. **TO ALL WHOM IT MAY CONCERN:** The following application has been submitted for a Department of the Army Permit under the provisions of Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act.
2. **APPLICANT:** Allegheny County Sanitary Authority
3300 Preble Avenue
Pittsburgh, Pennsylvania 15233
3. **LOCATION:** Woods Run Wastewater Treatment Plant, right descending bank of River Mile 3.6 of the Ohio River, Pittsburgh, Allegheny County, Pennsylvania (40.480833, -80.048333).
4. **PURPOSE AND DESCRIPTION OF WORK:** The applicant proposes to expand the existing Woods Run Wastewater Treatment Plant to eliminate sanitary sewer overflows and to reduce the number and total volume of upstream combined sewer overflow events on the right descending bank of the Ohio River, Mile 3.6, Pittsburgh, Allegheny County, Pennsylvania. The applicant proposes to remove existing mooring cells and construct a new 1,158 linear foot (LF) river wall along the existing Woods Run Wastewater Treatment Plant, relocate an existing outfall, construct a new outfall to discharge high flow, relocate an existing combined sewer overflow, construct a new outfall, and modify existing stormwater outfalls. The river wall will permanently impact 1,158 LF of the Ohio River with 0.23 acre of permanent impact. The river wall requires revetment at its base for stabilization which will permanently impact 1,158 LF by 25 LF with 0.67 acre of permanent impact. The applicant will place riprap with integrated aggregate on top of the revetment area that will use native material from the river systems resulting in 0.28 acre of permanent impact.
5. **ENCROACHMENT PERMIT:** The applicant must obtain a Water Obstruction and Encroachment Permit which includes 401 Water Quality Certification from the:

*Pennsylvania Department of Environmental Protection
Southwest Regional Office
Waterways and Wetlands Section
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Telephone: 412-442-4000*

6. IMPACT ON NATURAL RESOURCES: The District Engineer has consulted the most recently available information and has determined that the project may affect, but is not likely to adversely affect endangered species or threatened species, or result in destruction or adverse modification of habitat of such species which has been determined to be critical. This Public Notice serves as a request to the U.S. Fish and Wildlife Service for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended). If the U.S. Fish and Wildlife Service concurs with the may affect, not likely to adversely affect determination please respond with written concurrence.

7. IMPACT ON CULTURAL RESOURCES: The National Register of Historic Places has been consulted, and it has been determined that there are no properties currently listed on the register which would be directly affected by the proposed work. If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

8. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

9. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposals must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this

CELRP-RG
Public Notice No. 19-60

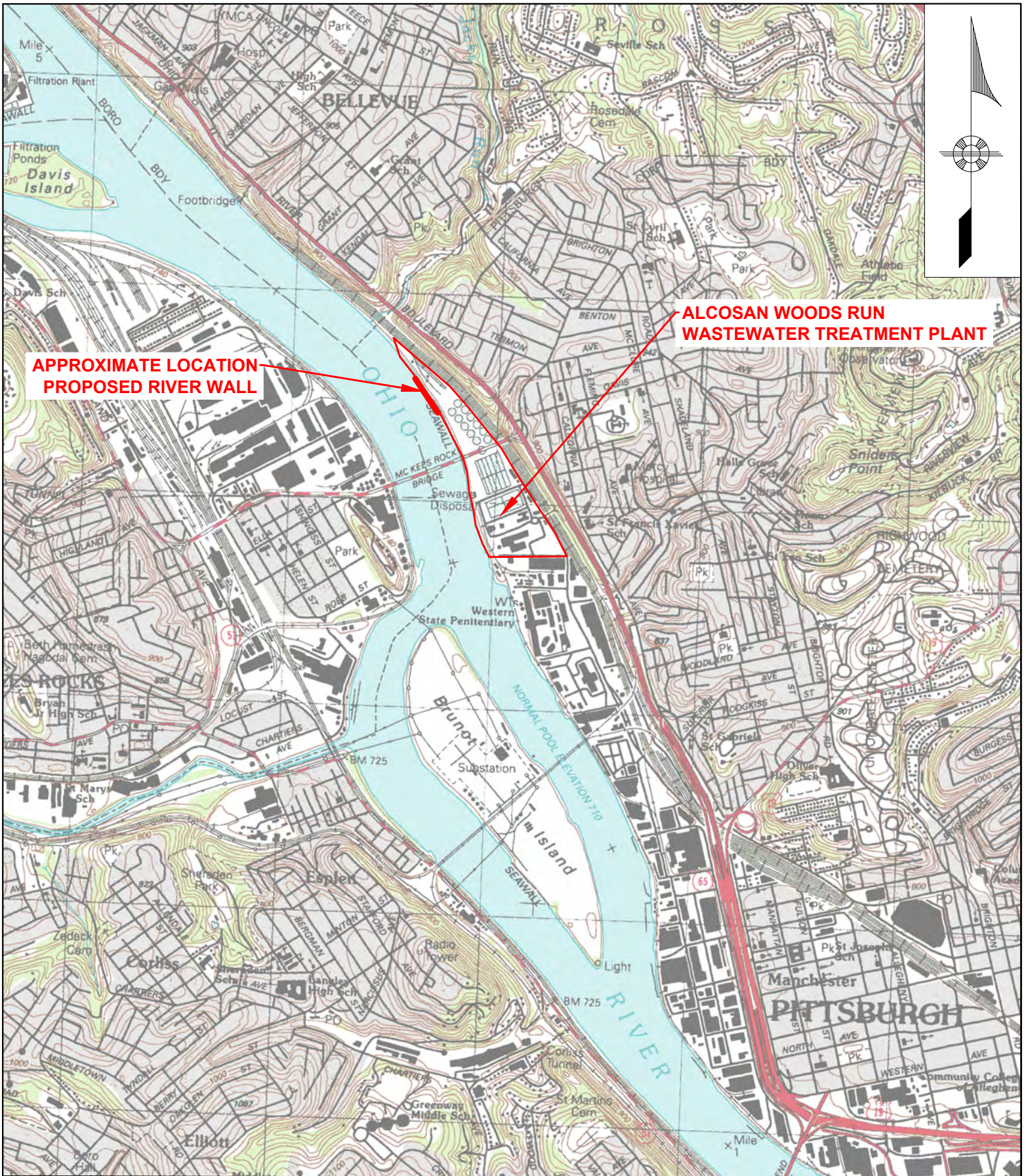
proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the overall public interest of the proposed activity.

10. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. All responses to this notice should be directed to the Regulatory Division, attn. Cassandra P. Forsyth at the above address, by telephoning (412) 395-7208, or by e-mail at cassandra.p.forsyth@usace.army.mil. Please refer to CELRP-RGS 2017-1183 in all responses.

FOR THE DISTRICT ENGINEER:

//SIGNED//

Jon T. Coleman
Chief, South Branch
Regulatory Division



Map sources : PASDA Mapping, U.S. Geological Survey Pittsburgh West, PA Quadrangle - Scale: 1"=2,000'

USGS Location Map
 ALCOSAN Wet Weather Plant Expansion
 River Wall Construction
 Joint Permit Application

Drawn By:
 LES

Chkd By:
 SKE

Date: June 2019

Figure 1

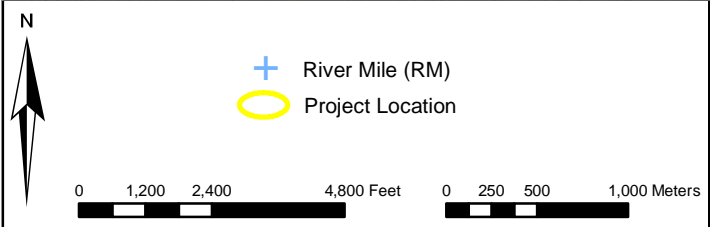


Figure 2.
Allegheny County Sanitary Authority
Project Location Map
Ohio River
Pittsburgh, Allegheny County, PA

Date: 5/20/2019
 400 Old Reading Pike Bldg A Suite 101 Stowe, PA 19464
 Prepared For: JCS Project: 24206.000 Prepared By: SAS



Allegheny County Imagery
 Allegheny County Division of Computer Services
 Geographic Information Services Group, 2017
 Georeferenced to Plant Datum

N

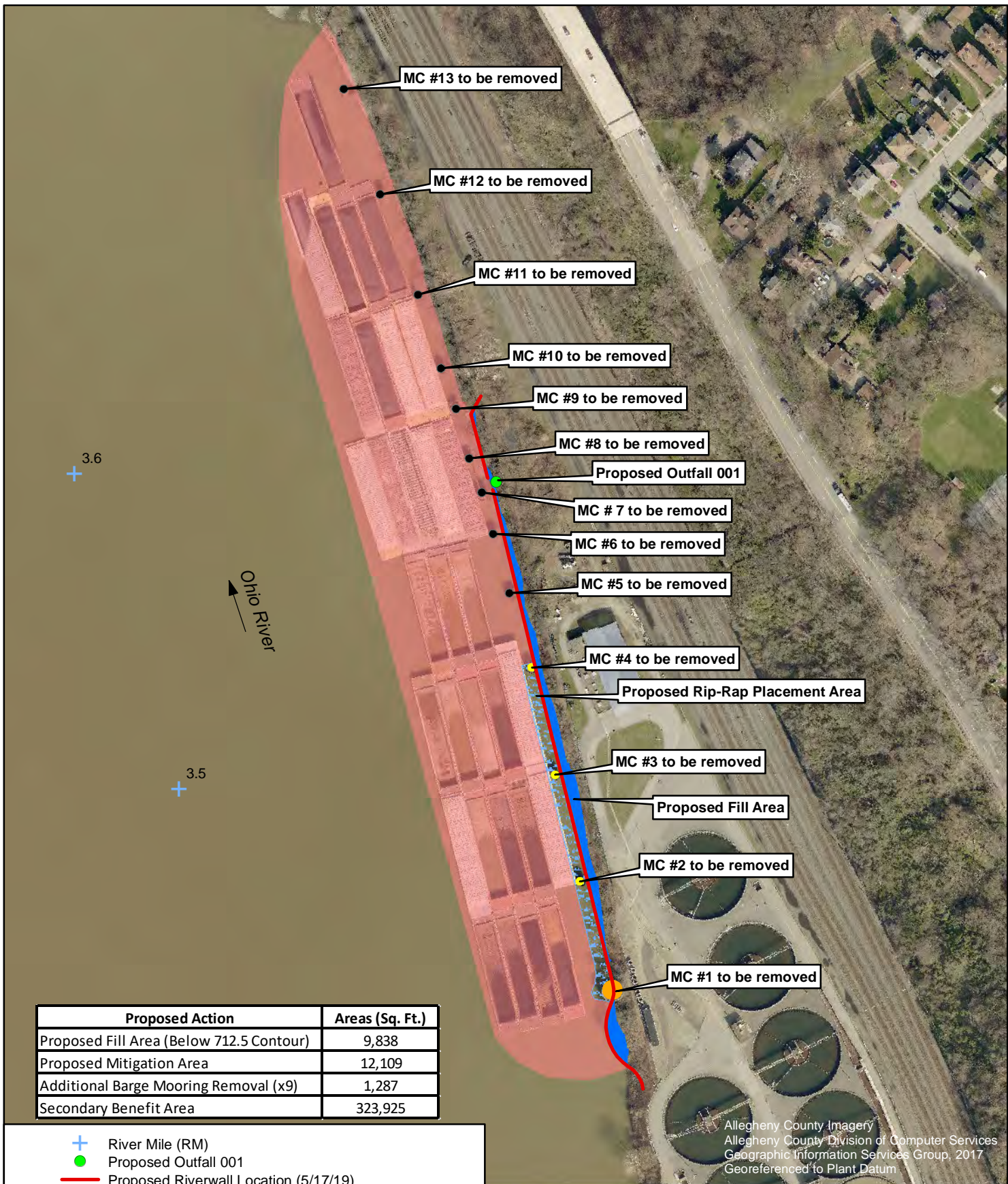
- Proposed Outfall 001
- Proposed Riverwall Location (5/17/19)
- Mooring cell (MC) to be removed (13.5 ft/143 sq ft)
- Mooring Cell (MC) to be removed (32 ft/800 sq ft)
- Proposed Rip-Rap Placement Area (5/22/19)

0 50 100 200 Feet 0 5 10 20 Meters



Figure 3.
Allegheny County Sanitary Authority
Proposed Mitigation Alternative
Pittsburgh, Allegheny County, PA

Date: 5/22/2019
 400 Old Reading Pike Bldg A Suite 101 Stowe, PA 19464
 Prepared For: JCS Project: 24206.000 Prepared By: SAS



Proposed Action	Areas (Sq. Ft.)
Proposed Fill Area (Below 712.5 Contour)	9,838
Proposed Mitigation Area	12,109
Additional Barge Mooring Removal (x9)	1,287
Secondary Benefit Area	323,925

+ River Mile (RM)
 ● Proposed Outfall 001
 — Proposed Riverwall Location (5/17/19)
 ■ Mooring Cell (MC) to be removed (13.5 ft/143 sq ft)
 ■ Mooring cell (MC) to be removed (13.5 ft/143 sq ft)
 ■ Mooring Cell (MC) to be removed (32 ft/800 sq ft)
 ■ Proposed Rip-Rap Placement Area (12,109 sq ft)
 ■ Proposed Area of Fill (9,838 sq ft)
 ■ Barge Ingress/Egress Removal Area (323,925 sq ft)

N
 0 80 160 320 Feet 0 12.5 25 50 Meters



Figure 4.
Allegheny County Sanitary Authority
Barge Layberthing Footprint
Pittsburgh, Allegheny County, PA

Date: 5/22/2019
 400 Old Reading Pike Bldg A Suite 101 Stowe, PA 19464
 Prepared For: JCS Project: 24206.000 Prepared By: SAS

Path: C:\Projects\ALCOSAN_Mussels_24206\MXD_PlantDatum\Fig4_BargeFootprint_052219.mxd



Allegheny County Imagery
 Allegheny County Division of Computer Services
 Geographic Information Services Group, 2017
 Georeferenced to Plant Datum

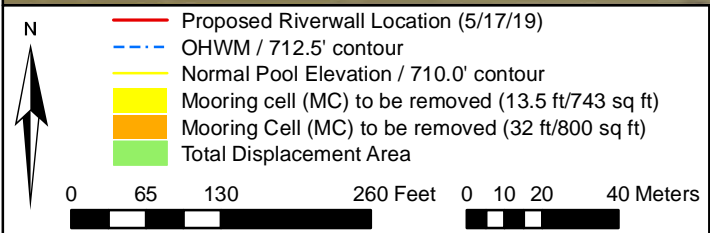
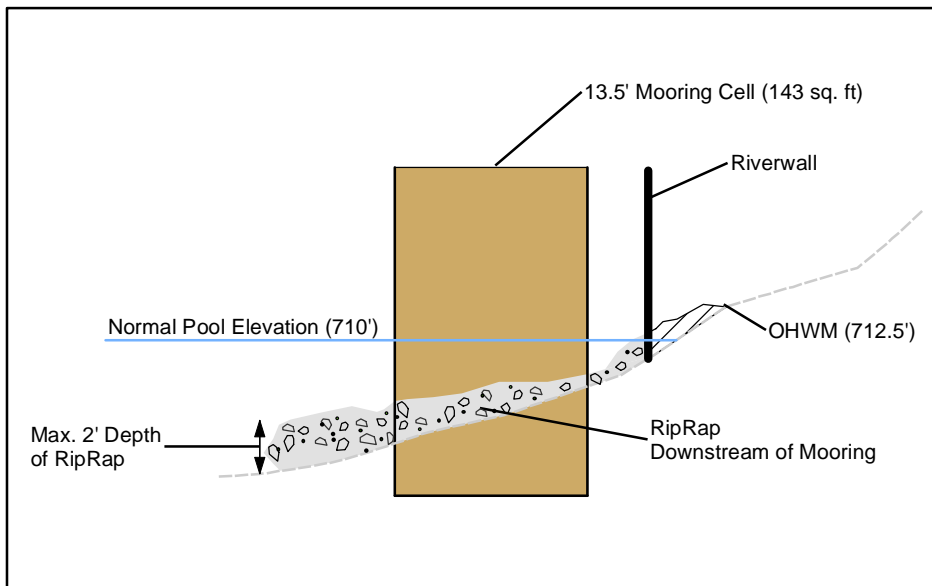
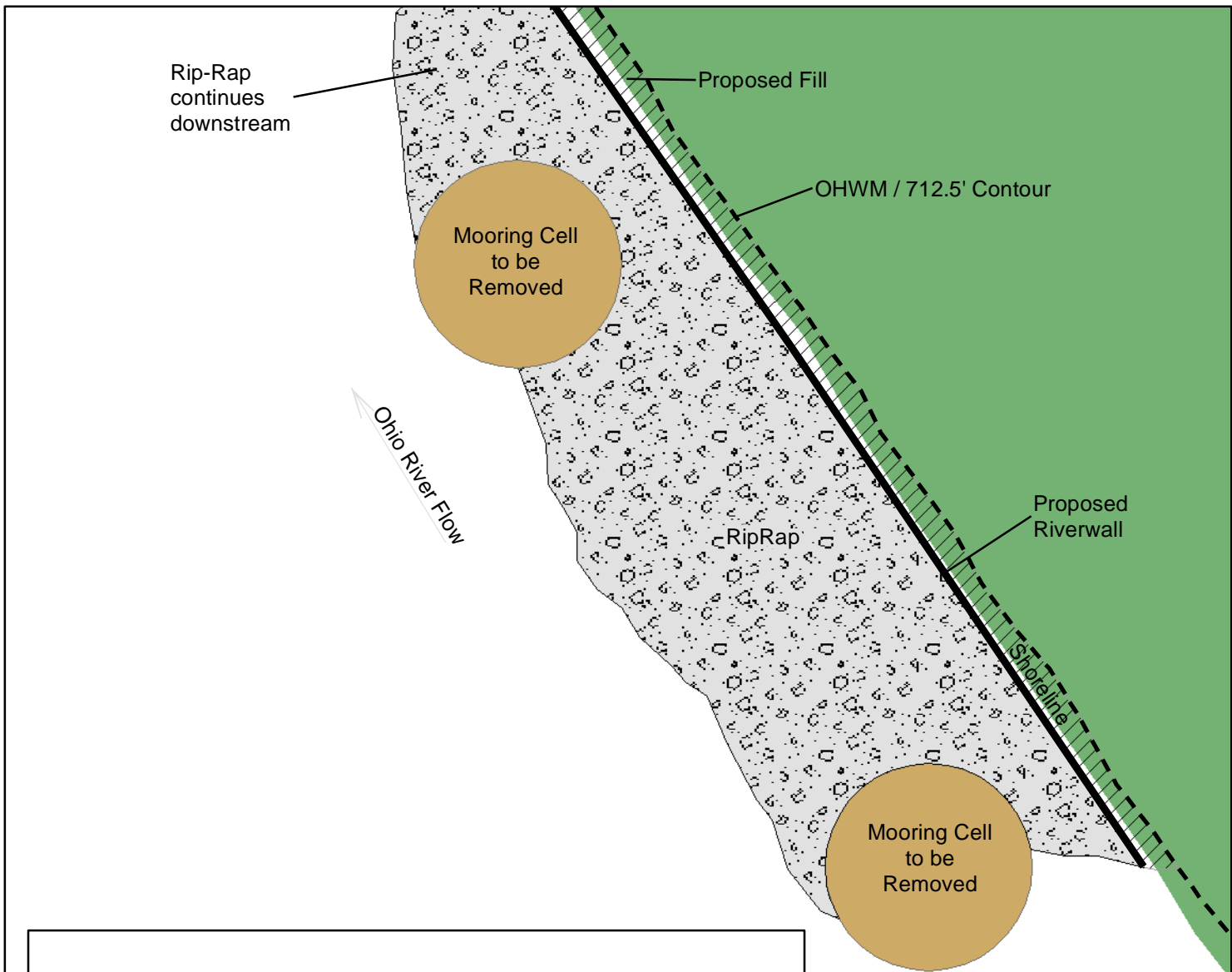


Figure 5.
Allegheny County Sanitary Authority
Impact Area Location Map
Pittsburgh, Allegheny County, PA

Date:
 5/20/2019

400 Old Reading Pike Bldg A Suite 101 Stowe, PA 19464
 Prepared For: JCS Project: 24206.000 Prepared By: SAS

Path: C:\Projects\ALCOSAN_Mussels_24206\MXD_PlantDatum\Fig5_ImpactArea_052019.mxd



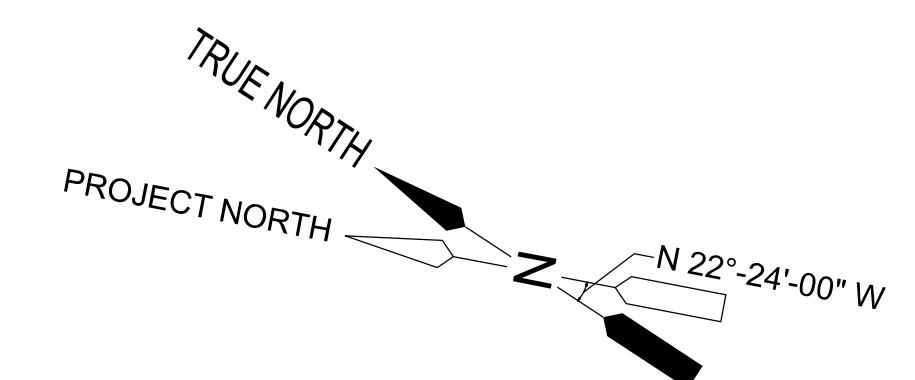
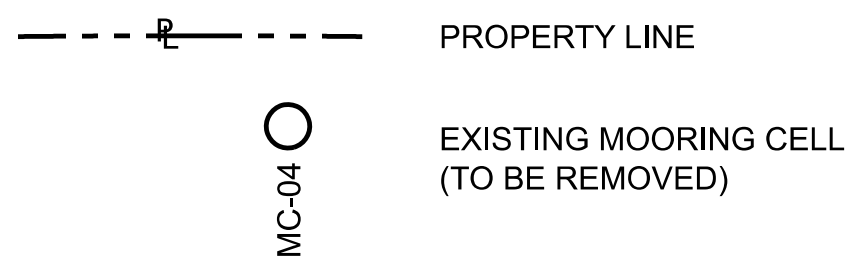
- OHWM / 712.5' Contour
- Proposed Riverwall
- Mooring Cell to be removed
- ▨ RipRap
- ▨ Proposed Fill



Figure 6.
Allegheny County Sanitary Authority
Mooring Cell Graphic
Pittsburgh, Allegheny County, PA

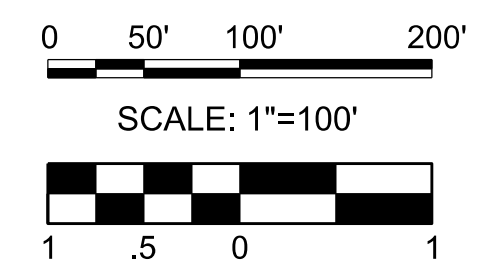
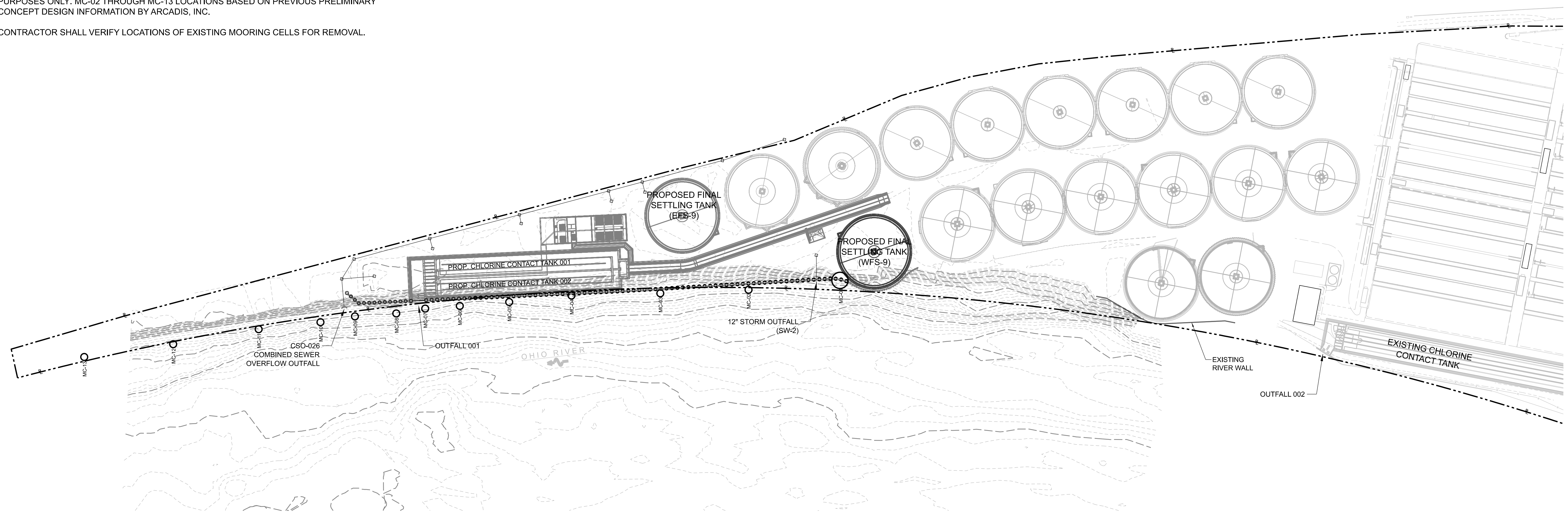
Date:
 5/20/2019

400 Old Reading Pike Bldg A Suite 101 Stowe, PA 19464
 Prepared For: JCS Project: 24206.000 Prepared By: SAS



NOTES:

1. PROPERTY LINE INFORMATION SHOWN HEREON IS FOR REFERENCE PURPOSES ONLY. NO REPRESENTATION IS MADE BY THE ENGINEER, NEITHER EXPRESS NOR IMPLIED, AS TO THE CORRECTNESS OR ACCURACY OF SUCH INFORMATION.
2. PROPERTY LINE INFORMATION SHOWN IS BASED ON SPECIFIC DIGITAL INFORMATION RECEIVED FROM THE OWNER'S REPRESENTATIVE.
3. CONTRACTOR SHALL VERIFY LOCATION AND EXTENT OF PROPERTY BOUNDARIES WITHIN LIMITS OF CONSTRUCTION PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
4. EXISTING MOORING CELL LOCATIONS FOR MC-02 THROUGH MC-13 ARE FOR REFERENCE PURPOSES ONLY. MC-02 THROUGH MC-13 LOCATIONS BASED ON PREVIOUS PRELIMINARY CONCEPT DESIGN INFORMATION BY ARCADIS, INC.
5. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING MOORING CELLS FOR REMOVAL.



Designed by: J. VENTURA	REVISION			
	REV No.	DATE	DESCRIPTION	
Drawn by: K. CRAWFORD		6/10/19	ISSUED FOR PA-DEP REVIEW	
		7/30/19	REVISED PER PA-DEP COMMENTS DATED 07/02/19	
Checked by: J. MATEY				

PREPARED BY:

CONSULTING ENGINEERS, INC.
1225 RODI ROAD
TURTLE CREEK, PA 15145

allegheny county
sanitary authority

3300 PREBLE AVE.
PITTSBURGH, PENNSYLVANIA 15233
(412) 766 - 4810
www.alcosan.org

ARLETTA SCOTT WILLIAMS
EXECUTIVE DIRECTOR, ALCOSAN

ALLEGHENY COUNTY SANITARY AUTHORITY
WASTEWATER TREATMENT PLANT
WET WEATHER PLANT EXPANSION

999-S-10
RIVER WALL GEN'L PLAN (OVERVIEW)

Contract: S-461

CAD File Name: Wall Design Main File.dgn

Date: 07/30/19

Sheet: