



Public Notice

U.S. Army Corps
of Engineers
Baltimore District

Issue Date: 15 June 2016
Expiration Date: 1 August 2016

Special Public Notice # 16-37

Baltimore District

Philadelphia District

Pittsburgh District

INITIAL PUBLIC NOTICE

NATIONWIDE PERMIT REISSUANCE REQUEST FOR COMMENTS

On June 1, 2016, the U.S. Army Corps of Engineers published in the Federal Register its proposal to reissue the 50 existing nationwide permits (NWP) and issue two new NWP.

Nationwide permits are general permits issued on a nationwide basis to streamline the authorization of activities that result in no more than minimal individual and cumulative adverse environmental effects. Many of the proposed NWP require notification to the district engineer before commencing those activities, to ensure that the activities authorized by those NWP cause no more than minimal individual and cumulative adverse environmental effects.

National Issues Concerning the Proposed NWP: The Federal Register notice is the public's opportunity to comment on the proposed NWP, general conditions, and definitions. Comments on national issues relating to these NWP should be submitted to docket number COE-2015-0017 at www.regulations.gov, or by email to NWP2017@usace.army.mil or by mail to Headquarters, U.S. Army Corps of Engineers, Directorate of Civil Works, ATTN: CECW-CO-R, 441 G Street, N.W., Washington, D.C. 20314-1000. Instructions for submitting comments are provided in the June 1, 2016 Federal Register notice. Comments on the proposed NWP are due by August 1, 2016.

Regional Issues Concerning the Proposed NWP, Including Regional Conditioning: Division engineers are authorized to add regional conditions specific to the needs and/or requirements of a particular region or state. Regional conditions are important mechanisms to ensure that the adverse environmental effects of activities authorized by the NWP are no more than minimal, both individually and cumulatively. Division engineers may also suspend or revoke specific NWP in certain geographic areas (e.g., states or watersheds) or high-value aquatic systems where the adverse environmental effects caused by activities authorized by those NWP may be more than minimal.

Enclosures for this public notice list the proposed NWP to be suspended by locality (Enclosure 1) and the regional conditions currently under consideration by the Corps Districts for Maryland (Enclosure 2), Pennsylvania (Enclosure 3), and the District of Columbia (Enclosure 4). The Baltimore District has implemented State Programmatic General Permits (SPGP) in the state of Maryland and in the Commonwealth of Pennsylvania. These SPGP are designed to continue to authorize certain activities

previously covered by the NWP program and institute a streamlined Corps regulatory process that has been integrated with the state processes. Suspension of various NWPs will avoid confusion over State Programmatic General Permit (SPGP) use and to eliminate redundancy since State and Federal regulatory programs are administered jointly in these states. Regional conditions are not proposed for specific NWPs activities that will be suspended in Maryland and Pennsylvania.

The Baltimore District is proposing to adopt the Norfolk District's regional conditions in certain military installations of northern Virginia within the regulatory geographic boundaries of the Baltimore District (i.e., Fort Belvoir, Fort Myer, and the Pentagon). Therefore, comments on the proposed NWPs and proposed regional conditions in the state of Virginia relating to those military installations in northern Virginia within the regulatory geographic boundaries of the Baltimore District, should be addressed to the Norfolk District at Regulatory Branch, Norfolk District, 803 Front Street Norfolk, VA 23508. Please see the Norfolk District website for more information on regional conditions proposed in the state of Virginia at: www.nao.usace.army.mil/Media/PublicNotices.aspx. The Baltimore District is proposing to adopt the Norfolk District's regional conditions in certain military installations of northern Virginia within the regulatory geographic boundaries of the Baltimore District (i.e., Fort Belvoir, Fort Myer, and the Pentagon). Please see the Norfolk District website for more information on regional conditions proposed in the state of Virginia at: www.nao.usace.army.mil/Media/PublicNotices.aspx. However, Baltimore District is not suspending NWPs 14 and 29 for use in Fort Belvoir, Fort Myer, or the Pentagon because the current State Program General Permit (SPGP-01) in Virginia is not applicable to these military installations. Therefore, the Baltimore District is proposing to add regional conditions to NWP 14 and 29. The regional conditions for NWP 14 and 29 proposed for use in Fort Belvoir, Fort Myer, and the Pentagon are the same as those proposed in the District of Columbia (see Enclosure 4). Comments on the proposed NWPs and regional conditions as proposed by the Norfolk District applicable in Virginia (including northern Virginia military installations within Baltimore District's area of responsibility) should be addressed to the Norfolk District, Regulatory Branch, 803 Front Street, Norfolk, Virginia 23510, Attn: Melissa Nash or to Melissa.a.nash@usace.army.mil. In addition, comments concerning proposed NWP 14 and 29 and proposed regional conditions for NWP 14 and 29 applicable in Fort Belvoir, Fort Myer, and the Pentagon should be addressed to the Baltimore District at CENAB-OPR, 10 South Howard Street, Baltimore, Maryland 21201, Attn: Jack Dinne or to john.j.dinne@usace.army.mil.

The Corps Districts are seeking comments on the proposed regional conditions and seeking comments on the need for additional regional conditions to help ensure that the adverse environmental effects of activities authorized by the proposed NWPs are no more than minimal, individually and cumulatively. The proposed regional conditions for NWPs are listed separately by locality for Maryland, Pennsylvania, and the District of Columbia. Comments on regional issues relating to the proposed NWPs and proposed regional conditions should be sent to U. S. Army Corps of Engineers, Baltimore District Regulatory Branch, CENAB-OP-R, 10 South Howard Street, Baltimore, Maryland 21201; U. S. Army Corps of Engineers, Pittsburgh District, 2200 William S. Moorhead Federal Building, 1000 Liberty Avenue, Suite 2200, Pittsburgh, Pennsylvania 15222; U.S. Army Corps of Engineers Philadelphia District, The Wanamaker Building, 100 Penn Square East,

Philadelphia, Pennsylvania 19107. Comments relating to proposed NWP suspensions and regional conditions are due by August 1, 2016. Similar public notices proposing regional conditions in other regions or States are being published concurrently by other division or district offices.

After the final NWPs are issued, the final regional conditions will be issued after they are approved by the Division Commander. After the final NWP are issued, States and Tribes will make their Clean Water Act Section 401 (401) water quality certification and States will make their Coastal Zone Management Act (CZMA) consistency determination decisions. The 401/CZMA decisions must be made within 90 days of the Federal Register notice announcing the issuance of the NWPs. The final NWPs will go into effect on March 19, 2017.

Draft decision documents for each of the proposed NWPs, which include environmental documentation prepared for the purposes of the National Environmental Policy Act, have been written by Corps Headquarters. The decision documents will address compliance of the NWPs with the requirements for issuance under the Corps general permit authority. These documents, as well as the proposed NWPs, are available for viewing at www.regulations.gov, docket number COE-2015-0017. Final decision documents will be prepared for the NWPs that are issued. In addition, the final national NWP decision documents will be supplemented by division engineers to address their decisions concerning regional conditions for the NWPs.

Below is an index of the proposed NWPs, conditions, and definitions. Anyone wishing to provide comments may obtain a full text copy of the NWPs through the Corps Home Page at <http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/NationwidePermits.aspx> , at www.regulations.gov in docket number COE-2015-0017, or at the Federal Register address at <https://www.gpo.gov/fdsys/pkg/FR-2016-06-01/pdf/2016-12083.pdf> .

FOR THE DISTRICT ENGINEER

Beth E. Bachur
Acting Chief, Regulatory Branch

Index of Proposed Nationwide Permits, Conditions, and Definitions

Nationwide Permits

1. Aids to Navigation
2. Structures in Artificial Canals
3. Maintenance
4. Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities
5. Scientific Measurement Devices
6. Survey Activities
7. Outfall Structures and Associated Intake Structures
8. Oil and Gas Structures on the Outer Continental Shelf
9. Structures in Fleeting and Anchorage Areas
10. Mooring Buoys
11. Temporary Recreational Structures
12. Utility Line Activities
13. Bank Stabilization
14. Linear Transportation Projects
15. U.S. Coast Guard Approved Bridges
16. Return Water From Upland Contained Disposal Areas
17. Hydropower Projects
18. Minor Discharges
19. Minor Dredging
20. Response Operations for Oil or Hazardous Substances
21. Surface Coal Mining Activities
22. Removal of Vessels
23. Approved Categorical Exclusions
24. Indian Tribe or State Administered Section 404 Programs
25. Structural Discharges
26. [Reserved]
27. Aquatic Habitat Restoration, Establishment, and Enhancement Activities
28. Modifications of Existing Marinas
29. Residential Developments
30. Moist Soil Management for Wildlife
31. Maintenance of Existing Flood Control Facilities
32. Completed Enforcement Actions
33. Temporary Construction, Access, and Dewatering
34. Cranberry Production Activities
35. Maintenance Dredging of Existing Basins
36. Boat Ramps
37. Emergency Watershed Protection and Rehabilitation
38. Cleanup of Hazardous and Toxic Waste
39. Commercial and Institutional Developments
40. Agricultural Activities
41. Reshaping Existing Drainage Ditches
42. Recreational Facilities

43. Stormwater Management Facilities
44. Mining Activities
45. Repair of Uplands Damaged by Discrete Events
46. Discharges in Ditches
47. [Reserved]
48. Commercial Shellfish Aquaculture Activities
49. Coal Remining Activities
50. Underground Coal Mining Activities
51. Land-Based Renewable Energy Generation Facilities
52. Water-Based Renewable Energy Generation Pilot Projects
 - A. Removal of Low-Head Dams
 - B. Living Shorelines

Nationwide Permit General Conditions

1. Navigation
2. Aquatic Life Movements
3. Spawning Areas
4. Migratory Bird Breeding Areas
5. Shellfish Beds
6. Suitable Material
7. Water Supply Intakes
8. Adverse Effects from Impoundments
9. Management of Water Flows
10. Fills within 100-Year Floodplains
11. Equipment
12. Soil Erosion and Sediment Controls
13. Removal of Temporary Fills
14. Proper Maintenance
15. Single and Complete Project
16. Wild and Scenic Rivers
17. Tribal Rights
18. Endangered Species
19. Migratory Bird and Bald and Golden Eagle Permits
20. Historic Properties
21. Discovery of Previously Unknown Remains and Artifacts
22. Designated Critical Resource Waters
23. Mitigation
24. Safety of Impoundment Structures
25. Water Quality
26. Coastal Zone Management
27. Regional and Case-by-Case Conditions
28. Use of Multiple Nationwide Permits
29. Transfer of Nationwide Permit Verifications
30. Compliance Certification
31. Activities Affecting Structures or Works Built by the United States
32. Pre-Construction Notification

District Engineer's Decision***Further Information******Definitions***

Best management practices (BMPs)
Compensatory mitigation
Currently serviceable
Direct effects
Discharge
Enhancement
Ephemeral stream
Establishment (creation)
High Tide Line
Historic property
Independent utility
Indirect effects
Intermittent stream
Loss of waters of the United States
Non-tidal wetland
Open water
Ordinary high water mark
Perennial stream
Practicable
Pre-construction notification
Preservation
Re-establishment
Rehabilitation
Restoration
Riffle and pool complex
Riparian areas
Shellfish seeding
Single and complete linear project
Single and complete non-linear project
Stormwater management
Stormwater management facilities
Stream bed
Stream channelization
Structure
Tidal wetland
Vegetated shallows
Waterbody

Enclosure 1

I. Commonwealth of Pennsylvania

- A. The following NWP's are proposed **to be suspended** in the Commonwealth of Pennsylvania, except in those areas and activities enumerated in Section I.B. below:

NWP 1: Aids to Navigation
NWP 4: Fish and Wildlife Harvesting, Enhancement, & Attraction Devices and Activities
NWP 5: Scientific Measurement Devices
NWP 7: Outfall Structures and Associated Intake Structures
NWP 10: Mooring Buoys
NWP 11: Temporary Recreational Structures
NWP 12: Utility Line Activities
NWP 13: Bank Stabilization
NWP 14: Linear Transportation Projects
NWP 15: U.S. Coast Guard Approved Bridges
NWP 18: Minor Discharges
NWP 19: Minor Dredging
NWP 20: Response Operations for Oil and Hazardous Substances
NWP 25: Structural Discharges
NWP 26: [Reserved]
NWP 29: Residential Developments
NWP 33: Temporary Construction, Access, and Dewatering
NWP 34: Cranberry Production Activities
NWP 36: Boat Ramps
NWP 37: Emergency Watershed Protection and Rehabilitation
NWP 39: Commercial and Institutional Developments
NWP 40: Agricultural Activities
NWP 41: Reshaping Existing Drainage Ditches
NWP 42: Recreational Facilities
NWP 43: Stormwater Management Facilities
NWP 45: Repair of Uplands Damaged by Discrete Events
NWP 46: Discharges in Ditches
NWP 47: [Reserved]
NWP 51: Land-Based Renewable Energy Generation Facilities
NWP A: Removal of Low-Head Dams
NWP B: Living Shorelines

- B. This suspension of the NWP's listed in Part I.A of this Special Public Notice is **not applicable** within the Commonwealth of Pennsylvania within the Baltimore and Philadelphia District's regulatory geographic boundaries for the following:

- a. Part III.A.5 of the PASPGP-5 lists certain ineligible waterways for which PASPGP authorization is not available. Therefore, consistent with the processes outlined in Part V.D of the PASPGP-5 (or its successor) and the NWP's, NWP authorization may be available for activities that include activities located channelward of the ordinary high water line (OHWL) on non-tidal waters and/or the mean high water line (MHWL) on tidal waters on the following water bodies in Pennsylvania):
1. The Delaware River, downstream of the U.S. Route 202 Bridge at New Hope, Pennsylvania;

2. The Schuylkill River downstream of the Fairmount Dam in Philadelphia, Pennsylvania;
 3. All of the Ohio River;
 4. All of the Beaver River;
 5. All of the Little Beaver River;
 6. All of the Mahoning River;
 7. All of the Monongahela River;
 8. The Youghiogeny River, from its mouth at McKeesport, Pennsylvania to river mile 31.2 at Layton, Pennsylvania;
 9. The Allegheny River, from its mouth in Pittsburgh, Pennsylvania to river mile 197.4 at Kinzua Dam, north of Warren, Pennsylvania;
 10. The Kiskiminetas River, from its mouth near Freeport, Pennsylvania to river mile 26.8 at Saltsburg, Pennsylvania;
 11. Tenmile Creek, from its mouth at Millsboro, Pennsylvania to river mile 2.7; and
 12. Lake Erie activities which require submittal of a Pennsylvania Department of Environmental Protection (PADEP) Joint Permit Application (JPA) or Environmental Assessment (EA) to the PADEP. For Lake Erie, the OHWM is located at elevation 573.4.
- b. Activities whereby the regulated activity or area of indirect impact (secondary impact) is not wholly located within the Commonwealth of Pennsylvania, i.e. the regulated activity extends across state boundaries.
 - c. Activities within federally regulated waters and wetlands that are not regulated as waters of the Commonwealth of Pennsylvania may be eligible for verification under NWPs.
 - d. Activities performed by federal agencies that do not require authorization by the Commonwealth of Pennsylvania pursuant to 25 PA 105 et seq. may be eligible for verification under NWPs.

II. State of Maryland

A. The suspension of the NWPs listed in section II.B of this notice is **not applicable** within the State of Maryland in certain wetlands and other waters of the United States near the Chesapeake and Delaware Canal. These areas include Back Creek (of the Chesapeake and Delaware Canal), east of a line extending from Welch Point to Courthouse Point to the Delaware line and to the Second Street Bridge to the south; Herring Creek east of the line extending from Welch Point to Courthouse Point to the dam that crosses Herring Creek; and Long Branch to the Boat Yard Road Bridge to the north, including adjacent and contiguous jurisdictional wetlands to these tidal waterways. These exempted areas fall within the U.S. Army Corps of Engineers (Corps) Philadelphia District's regulatory geographic boundaries. The Philadelphia District has restricted the use of NWP 12, NWP 35, and NWP 36 within these areas near the Chesapeake and Delaware Canal.

B. The following NWPs are proposed **to be suspended** in the State of Maryland:

NWP 1: Aids to Navigation

NWP 2: Structures in Artificial Canals

NWP 3: Maintenance (except for repair, rehabilitation, or replacement in-kind of any previously authorized, currently serviceable structure or fill destroyed or damaged by storms, floods, fires, or other discrete events)

NWP 5: Scientific Measurement Devices

NWP 6: Survey Activities

NWP 7: Outfall Structures and Associated Intake Structures
NWP 9: Structures in Fleeting and Anchorage Areas
NWP 10: Mooring Buoys
NWP 11: Temporary Recreational Structures
NWP 12: Utility Line Activities
NWP 13: Bank Stabilization
NWP 14: Linear Transportation Projects
NWP 15: U.S. Coast Guard Approved Bridges
NWP 16: Return Water from Upland Contained Disposal Areas
NWP 18: Minor Discharges
NWP 19: Minor Dredging
NWP 21: Surface Coal Mining Activities
NWP 24: Indian Tribe or State Administered Section 404 Programs
NWP 26: [Reserved]
NWP 28: Modifications of Existing Marinas
NWP 29: Residential Developments
NWP 33: Temporary Construction, Access and Dewatering
NWP 34: Cranberry Production Activities
NWP 35: Maintenance Dredging of Existing Basins
NWP 36: Boat Ramps
NWP 39: Commercial and Institutional Developments
NWP 40: Agricultural Activities
NWP 41: Reshaping Existing Drainage Ditches
NWP 42: Recreational Facilities
NWP 43: Stormwater Management Facilities
NWP 44: Mining Activities
NWP 45: Repair of Uplands Damaged by Discrete Events
NWP 46: Discharges in Ditches
NWP 47: [Reserved]
NWP 49: Coal Remining Activities
NWP 50: Underground Coal Mining Activities
NWP 51: Land-Based Renewable Energy Generation Facilities
NWP 52: Water-Based Renewable Energy Generation Pilot Projects (except for activities in tidal navigable waters of the United States)
NWP B: Living Shorelines

III. The NWPs are proposed to **not be suspended** in the District of Columbia and certain military installations of northern Virginia (i.e., Fort Belvoir, Fort Myer, and the Pentagon).

IV. Suspension will terminate the Corps' ability to verify any new projects under one of the suspended NWPs unless and until the Chief of Engineers or the appropriate District or Division Engineer makes a determination to the contrary pursuant to 33 C.F.R. § 330.4 or § 330.5.

For more information regarding the final regional conditions and the suspension of Nationwide Permits, contact Ms. Beth E. Bachur, CENAB-OP-R, at (410) 962-4336, or email at Beth.Bachur@usace.army.mil.

ENCLOSURE 2

Proposed 2017 Nationwide Permit Regional Conditions for Maryland

I. Nationwide Permit Specific Regional Conditions:

Note: see “Section II. Nationwide Permit General Regional Conditions” for additional regional conditions that are applicable to multiple and/or all NWPs. Unless otherwise noted, all regional conditions listed in this enclosure are applicable for activities in Maryland.

Nationwide Permit #3 Maintenance

Restricted use of Nationwide Permit (NWP) 3 Maintenance in Maryland - NWP 3 is duplicative with the Maryland State Programmatic General Permit (MDSPGP). However, the portion of NWP 3(a) that authorizes the repair, rehabilitation, or replacement in-kind of any previously authorized currently serviceable structure or fill destroyed or damaged by storms, floods, fires, or other discrete events may still be used in Maryland.

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a) for that portion of NWP 3(a) applicable to the repair, rehabilitation, or replacement in-kind of any previously authorized currently serviceable structure or fill destroyed or damaged by storms, floods, fires, or other discrete events that is effective in Maryland, as specified below.
 - a. For work associated with NWP 3(a), that occurs along federally authorized channels the permittee must comply with the most current version of the Baltimore District’s setback guidance on the Baltimore District Regulatory website at:
<http://www.nab.usace.army.mil/Portals/63/docs/Regulatory/Pubs/spn11-17.pdf>
2. **Essential Fish Habitat Regional Conditions:** For activities in all tidal and nontidal coastal plain streams or nontidal Piedmont streams in Harford and Cecil Counties, Maryland, the Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
 - a. **NWP 3(a)-Repair, Rehabilitation, or Replacement Activities:**
 - i. The PCN will be coordinated with NMFS, when the project affects more than 10,000 square feet of tidal wetlands and/or tidal waters.

- ii. For culvert replacement and repair activities, are prohibited during the period February 15 through June 15, each year to protect sensitive life stages of anadromous fish, unless specifically waived by the District Engineer in consultation with NMFS.
- iii. Prior to doing the work, the prospective permittee shall submit a PCN to the District Engineer (See general condition 32 and regional general conditions 32a) for any proposed activity, where:
 - a. The work involves the repair, rehabilitation, or replacement of a permanent culvert within a perennial and/or intermittent coastal plain streams in the above referenced areas; or a perennial and/or intermittent piedmont stream in Harford and/or Cecil Counties, Maryland, and the work does not result in:
 - 1. A culvert measuring greater than 24 inches in diameter being depressed 12 inches below the stream bottom; or
 - 2. A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.
 - 3. NOTE: Extensions of existing culverts that are not depressed below the stream bottom do not require a PCN under this Regional Condition.
 - b. A PCN shall:
 - 1. include a narrative documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions, limitations, or engineering factors that prohibit depressing the culvert. This documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for migratory fish passage; and
 - 2. be forwarded by the Corps (a copy of the PCN, including any provided supporting documentation) to National Marine Fisheries Service (NMFS) for review and comment pursuant to the Magnuson Stevens Act

Nationwide Permit #4 Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities

1. This nationwide permit does not authorize activities that cause interference with navigation. No structure can extend into anchorage areas; customary boating channels; navigation fairways; marked, lighted, or charted channels; or State or Federal Navigation Channels.

Nationwide Permit #23 Approved Categorical Exclusions

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a)

Nationwide Permit #25 Structural Discharges

Permit Specific Regional Conditions –

1. For any activity which includes the pouring of concrete, the sealed forms shall remain in place until the concrete is set.

Nationwide Permit #27 Aquatic Habitat Restoration, Establishment, and Enhancement Activities

Permit Specific Regional Conditions –

1. Any activity involving shellfish seeding, such as the placement of shell material or any other habitat development or enhancement, is restricted to shellfish species that are native to that waterbody.
2. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).
3. **Essential Fish Habitat Regional Conditions** (For activities in all tidal and nontidal coastal plain streams or nontidal Piedmont streams in Harford and Cecil Counties, Maryland, the Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.):
 - a. For activities involving the restoration and/or establishment of tidal marsh in mesohaline waters (i.e., salinity of 5-18 ppt) of the mid and upper Chesapeake Bay, the PCN should include information concerning the distribution of horned pondweed (*Zannichellia palustris*) within the project site. Distribution information of horned pondweed may require recent ground-truth survey of the area by the applicant (i.e.,

employing a survey crew with relevant experience) during the period of May 1 through June 15, of any year.

Nationwide Permit #30 Moist Soil Management for Wildlife

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general conditions 32a).

Nationwide Permit #48 Commercial Shellfish Aquaculture Activities

Permit Specific Regional Conditions

1. This NWP **does not** authorize the following activities:
 - a. Activities located in any areas mapped as submerged aquatic vegetation. In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information.
<http://web.vims.edu/bio/sav/index.html>
The applicant should also refer to other reliable sources to comply with this condition;
 - b. Activities associated with the cultivation and/or introduction into tidal waters of shellfish species that are not indigenous to the Chesapeake Bay and its tributaries, the Maryland coastal bays; or
 - c. Activities associated with the mining of subtidal fossil shell deposits in waters of the Chesapeake Bay and its tributaries for use as cultch for a shellfish cultivation operation.
 - d. Activities that cause interference with navigation. No work may extend into anchorage areas; customary boating channels; navigation fairways; marked, lighted, or charted channels; or State or Federal Navigation Channels.
 - e. Activities that adversely affect ingress to and egress from neighboring properties.
 - f. Commercial aquaculture activities for crustaceans or finfish.
 - g. Shellfish habitat restoration activities, including shellfish seeding that are conducted to restore populations of shellfish in navigable waters of the United States. Shellfish habitat restoration activities may be authorized by another form of Department of the Army permit (e.g., Nationwide Permit #27 or individual permit).

- h. Activity or vehicular access to the project site that have more than a minimal adverse impact on coastal or wetland vegetation.
 - i. Oyster gardening activities.
 - j. The establishment of Aquaculture Enterprise Zones or preapproved areas of the Atlantic Coastal Bays.
 - k. Activities that impound water.
 - l. Predator control devices (i.e., mesh fences, mesh nets, mesh tents) suspended or erected vertically or obliquely in the water column to surround or enclose shellfish containment gear.
 - m. Activities that use unsuitable materials for shellfish seeding (i.e., asphalt, bituminous concrete, slag, tires, wallboard, plastic, wood, metal, crushed glass, trash, and garbage).
 - n. Activities that will have more than minimal adverse effects on existing or naturally occurring beds or populations of shellfish, marine worms, or other invertebrates that could be used by man, other mammals, birds, reptiles, or predatory fish.
 - o. Activities that result in the physical destruction (e.g., through excavation, dredging, mining, fill or significant downstream sedimentation by substantial turbidity) of an important spawning/nursery habitat are not authorized by this permit.
2. **Shellfish Certification:** Shellfish introduced into tidal waters of the Chesapeake Bay and its tributaries, or in the Maryland coastal bays and their tributaries, must be certified (under Maryland standards) as being disease and parasite free.
 3. **Vertical and Horizontal Lines:** The total number of vertical and horizontal lines must be minimized to the maximum extent practicable.
 4. **Private Aids to Navigation:** If the Corps or the U.S. Coast Guard determine that private aids to navigation are required to mark the project area, the permittee must prepare and provide for United States Coast Guard (USCG) approval (address below), a Private Aids to Navigation Application (CG-2554) prior to commencement of the authorized work. The form can be found at this link: http://www.uscg.mil/forms/cg/CG_2554.pdf.

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Room 100
Portsmouth, VA. 23704-5504
Attn.: Private Aids to Navigation
Email address: CGD5Waterways@uscg.mil
Fax Number: (757) 398-6303

The permittee must provide the Corps with a copy of the USCG's approval of aids to navigation within 30 days of the date of issuance by the USCG.

- 5. Local Notice to Mariners:** Prior to the proposed project start/placement date, the permittee must provide coordinates (latitude and longitude) for all perimeter corners of the approved lease area, including minimum depth and other pertinent facility information to the USCG, and request that a Local Notice to Mariners (LNM) be issued regarding the authorized work. This written request can be done either by e-mail, letter or fax to:

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Room 100
Portsmouth, VA. 23704-5504
Attn.: LNM
Fax Number: (757) 398-6303

No authorized work may commence until this required USCG LNM has been issued by the USCG, identifying the location and schedule for commencement of the approved aquaculture work.

No authorized aquaculture work may commence until the permittee informs the Corps in writing, with the date that the USCG publishes the LNM.

- 6. Navigation Charts:** The permittee must submit a copy of the Corps permit and plans for the aquaculture operation to the National Oceanic and Atmospheric Administration (NOAA) for charting the location of the authorized operation on navigation charts. Their address is NOAA-Marine Chart Division, Nautical Data Branch-N/CS26, 1315 East West Highway-Station 7350, Silver Spring, MD 20910-3282.
- 7. Equipment Anchoring and Lease Marking:** All authorized equipment, gear, and manmade material must be securely anchored. The permittee must clearly and permanently mark all in-water structures and equipment with the permittee's name and the lease number issued by the DNR. These markings must be maintained to ensure that they are readable and visible at all times for identification purposes.
- 8. Inspection of Aquaculture Operation:** The permittee must regularly inspect the condition of the structures (e.g., floats, cages, lines, anchors, etc.) associated with this aquaculture operation as authorized herein, to ensure that any structures/gear do not affect safety on the waterway or interfere with general navigation. The permittee shall recover all storm-damaged, accident-damaged, or dislodged equipment within 10 days after it is dislodged and shall either restore their location within the permitted areas as authorized or dispose of such equipment in accordance with state and local ordinances and lease agreements issued by the State of Maryland.

9. **Disposal of Structures, Gear, or Waste:** Disposal of structures, gear or waste products on-site or into waters of the United States is prohibited. All structures, gear and waste products, including dead or dying culture animals, shall be disposed of in an approved upland disposal site in accordance with any Federal, State, and local regulations

10. Reporting:

- a. The permittee must maintain accurate records and submit an annual report covering the previous year's activities to the Corps before January 31 of each year. Annual reports must be submitted to: U.S. Army Corps of Engineers, Baltimore District (ATTN: Regulatory Branch), 10 South Howard Street, Baltimore, MD 21201; the National Marine Fisheries Service, Habitat Conservation Division, Chesapeake Bay Field Office, 177 Admiral Cochrane Drive, Annapolis, MD 21403; and the National Marine Fisheries Service, Protected Resource Division, 55 Great Republic Drive, Gloucester, MA 01930 and must include the following minimum information:
- i. Name of permittee, Corps permit number, lease number, point of contact, phone number, and email address;
 - ii. Copy of Corps authorization;
 - iii. The size of the total lease area (in acres);
 - iv. The following information must be included for each lease area:
 - 1) The location of areas within the lease area that were cultivated over the last year;
 - 2) Size of each cultivated area within the lease (in acres);
 - 3) Description of culture method(s) and harvesting method(s);
 - 4) Description of the type of material (e.g., spat-on-shell, shellfish shells, shell fragments, concrete fragments, or other approved materials) that was planted on the lease area.
 - 5) The total number of vertical, horizontal lines, buoys and other structures utilized on site.
 - 6) Identify the area in acres and the amount in cubic yards for each type of material (e.g., spat-on-shell, shellfish shells, shell fragments, concrete fragments, or other approved materials) that was planted on the lease area;
 - 7) Identify the date(s) (mm/dd/yy) that the authorized aquaculture equipment, gear, and/or suitable substrate was deployed;
 - 8) Name(s) of cultivated species;
 - 9) A statement regarding the presence or absence of submerged aquatic vegetation within the authorized lease area;
 - 10) A statement regarding any entanglements or interactions with Federally protected threatened and endangered species;
 - 11) A statement whether any temporary protective enclosures such as nets, etc. were used and a description of gear that was used;
 - 12) Information concerning storm damage, loss of equipment and recovery, including identification of the number and type of any structure/equipment/gear that were damaged, lost and/or were not recovered;
 - 13) Provide a signed statement that all perimeter markers are in place and that the work is being performed and maintained in accordance with the terms and conditions of the Corps' authorization.

11. **Abandonment:** The permittee must provide the Baltimore District with thirty (30) day advance written notification of the intent to abandon the activity authorized under this RGP. Upon abandonment of the activity authorized by this permit, all structures and equipment used to support the aquaculture operation must be completely removed from the waterway and the entire area restored to pre-construction conditions to the satisfaction of the Baltimore District.
12. If the project does not have a prior authorization from the Corps in effect as of March 17, 2017, the prospective permittee must submit a pre-construction notification (PCN). The Joint State/Federal Application for a Commercial Shellfish Aquaculture Lease and Federal Permit (Joint Application) shall serve as the PCN.

The application is located at: <http://dnr2.maryland.gov/fisheries/Documents/Commercial-Shellfish-Lease-Application.pdf>.

The instructions are located at:

<http://dnr2.maryland.gov/fisheries/Documents/Shellfish-Lease-Application-Instructions.pdf>

The Maryland Department of Natural Resources will forward the Joint Application to the Corps. Alternatively, the applicant may submit the application directly to the Corps. The Corps' review period shall commence with the receipt of a completed PCN at the Corps District Office.

13. In addition to the information required by NWP 48 and regional condition 32a, the PCN must include:
 - i. A copy of the lease or permit issued by the appropriate state government agency if a lease or permit has been issued at the time of PCN submittal;
 - ii. Legible project vicinity map (black line on white background), to scale, and depicting the footprint of project area relative to prominent land/water geographic features, including approximate latitude/longitude coordinates of the project footprint;
 - iii. Legible overview plans (black line on white background), to scale (100':1" or 50':1"), depicting the entire project footprint and adjacent waters overlaid on composite mapping of the 5 most recent years of submerged aquatic vegetation (SAV) data (derived from the Virginia Institute of Marine Science (VIMS) aerial surveys), and showing local water depths (bathymetry) of the project area, and other important ecological features of the site (e.g., native tidal marsh) that may be affected by project activities.
 - iv. Detailed project description, with the following information:
 - a) Description of proposed activities, including site preparation, and harvest activities (e.g., dredging, harrowing and dragging of

- bottom substrate, tonging), and a description of how structures and vertical and horizontal lines would be arranged throughout the project area, spacing of rows and spacing between structures;
- b) Types of aquaculture gear to be used, including anchoring devices, maximum number of vertical and horizontal lines, and buoys;
 - c) Acreage of project footprint affecting bottom and water column;
 - d) Impacts (temporary and/or permanent) to aquatic areas required for access to the aquaculture facility/gear, and remedial measures proposed to restore temporarily affected aquatic areas;
 - e) Substrate type of bottom affected by proposed activities (particularly for on-bottom activities).
- v. Cross-sectional view of proposed aquaculture structures and all associated apparatus that represents the proposed operations of the activity (on-bottom, suspended, or floating).
- vi. If the applicant proposes work in waters adjacent to property owned by others, the applicant must provide proof of notification to adjacent property owners via certified mail, return receipt requested. In addition, the applicant may include any statement of no objection or comments from the adjacent property owner(s).
- vii. The PCN must include details that clearly identify how adverse effects to navigation and/or ingress to and egress from neighboring properties has been avoided.

II. Nationwide Permit General Regional Conditions

Note: To qualify for NWP authorization, the prospective permittee must comply with the following regional general conditions, as applicable, in addition to any nationwide permit specific regional conditions identified above in Section I, the general conditions found in the proposed 2017 NWPs published in the *Federal Register* on June 1, 2016 (81 FR 35186), and any case-specific conditions imposed by the Corps.

Nationwide Permit General Condition #2 Aquatic Life Movement

Regional General Condition 2a - The permittee shall apply any appropriate time-of -year restrictions to protect the aquatic resources present within the project area and downstream of the project site.

Nationwide Permit General Condition #17 Tribal Rights

Within the Baltimore District's geographic area of review, no application reviewed by the District is considered complete until completion of tribal coordination. The prospective

permittee of an application reviewed by the Baltimore District shall not begin the activity until notified in writing by the District Engineer that the activity may proceed under the nationwide permit with any special conditions imposed, if applicable.

Nationwide Permit General Condition #18 *Endangered Species*

Regional Condition 18b - Interactions with National Marine Fisheries Service Federally Threatened or Endangered Species (Applicable to the District of Columbia and Maryland):

Any interaction between a sea turtle or any species listed now or in the future under Federal law as a threatened or endangered species (“listed species”) (e.g., North Atlantic right whale, humpback whale, shortnose sturgeon) and the vessels associated with the project must be reported to the National Marine Fisheries Service as follows: (1) If the animal appears alive and uninjured (i.e., breathing normally, no visible wounds, movement uninhibited), the permittee or its representative must report the incident to the National Marine Fisheries Service Northeast Region Marine Mammal and Sea Turtle Stranding and Entanglement Hotline at (866) 755-6622 within 24 hours of returning from the trip on which they made the discovery; (2) If the animal requires assistance, the call to the hotline must be made immediately; (3) If the animal appears to be injured (i.e. bleeding, gasping for air, etc.) or dead, the permittee or its representative must also immediately call the hotline so the appropriate rehabilitation or stranding network representative can be contacted. The applicant shall also notify the Corps of all correspondence and coordination with the National Marine Fisheries Service within two calendar days. Additional information about any Federally threatened or endangered species may be obtained from the attached fact sheet or online at:

http://www.nero.noaa.gov/prot_res/stranding/SpeciesOverview.html and at:

http://www.nero.noaa.gov/prot_res/esp/. An interaction is defined as an entanglement or capture of a listed species or a strike/direct contact between vessels or equipment used for the project and a listed species.

Regional Condition 18c - Vessel Buffer (Applicable to the District of Columbia and Maryland):

When listed species are sighted, vessels must attempt to maintain a distance of 50 yards (150 feet) or greater between the animal and the vessel whenever possible. State and Federal regulations prohibit approaching a right whale within a 500 yard (1,500 foot) buffer zone. Any vessel finding itself within the 500 yard (1,500 foot) buffer zone created by a surfacing right whale must depart immediately at a safe, slow speed. If other listed species are detected, vessels will reduce their speeds to 10 knots or to the maximum extent practicable to ensure human safety. If listed species are sighted off of a moving dredge, intentional approaches within 100 yards (300 feet) of the animal must be avoided. Vessels must reduce speeds to 4 knots or the lowest speed practicable to ensure human safety. Any interactions must be reported to the National Marine Fisheries Service.

Regional Condition 18d - Best Management Practices Applicable Within Tidal Waters of the Chesapeake Bay in Maryland and the District of Columbia having Salinity Levels Less Than 6 Parts Per Thousand (ppt):

1. **Pile Driving:** For the protection of listed species, pile driving methods must maintain noise level thresholds not to exceed 187dB sound exposure level (SEL) re 1 μ Pa or 206dB peak re 1 μ Pa at a distance of >10m from the pile being installed; and levels >155dB peak re 1 μ Pa must not exceed 12 consecutive hours on any given day and a 12 hour recovery period (i.e., in-water noise levels below 155dB peak re 1 μ Pa) must be provided between work days. Pile driving construction must adhere to one of the following methods: (a) piles must be installed in-the-dry during low water; (b) piles must be drilled and pinned to ledge; (c) vibratory hammers must be used to install any size and quantity of wood, concrete, or steel pilings; (d) impact hammers must be limited to one hammer and <50 piles installed per day with the following: (1) wood piles of any size; (2) concrete piles <18-inches diameter; (3) steel piles <12-inch diameter if the hammer is <3,000 pounds and a wood cushion is used between the hammer and steel pile; or (e) approved pile driving methods that will allow noise level thresholds to be met.
2. **Sediment Disturbing Activities Time-of-Year Restriction:** Within all tidal waters of the Chesapeake Bay and its tidal tributaries in Maryland, sediment disturbing activities with salinity levels <6 ppt, which includes pile driving activities, are prohibited during the period April 1 through June 30 for the protection of shortnose sturgeon and early life stages in these waters.

Nationwide Permit General Condition #32 Pre-Construction Notification

The following regional general conditions are incorporated as part of the terms and conditions of NWP General Condition 32, *Pre-Construction Notification*. These regional general conditions are applicable to all NWPs where a PCN is submitted to the district engineer. This includes the following: (a) those NWPs requiring notification to the district engineer pursuant to the NWP general conditions 18, 22 and 32, (b) those NWPs requiring notification to the district engineer pursuant to a regional condition, and (c) any other pre-constriction notifications to the district engineer where an applicant has requested verification of an NWP authorization. Those NWPs that require a PCN include NWPs 1*, 2*, 3*, 4*, 5*, 6*, 7, 8, 9*, 10*, 11, 12, 13*, 14*, 15*, 16*, 17, 18, 19, 20*, 21, 22*, 23, 24*, 25*, 27, 28, 29, 30, 31, 32*, 33, 34, 35, 36*, 37*, 38, 39, 40, 41, 42, 43*, 44, 45, 46, 48*, 49, 50, 51, 52, A, and B.

**These NWP activities require notification under certain circumstances. Review the NWP authorization, general conditions 18, 22 & 32, and the regional conditions to identify these circumstances.*

Regional General Conditions 32a

1. A PCN shall be submitted the Baltimore District Corps of Engineers for proposed construction and modification of docks, piers, and other structures that will occur along and/or within 150 feet of the horizontal limits of a federally authorized channel within the Baltimore District Civil Works Boundary <http://www.nab.usace.army.mil/Navigation/DepthRpts.htm#017>. In addition, a PCN is required for the replacement of previously authorized, currently serviceable structures

located along federally authorized channels that are destroyed by an act of nature or sudden event. All proposed work shall comply with the most current version of the Baltimore District's setback guidance on the Baltimore District Regulatory website at: <http://www.nab.usace.army.mil/Portals/63/docs/Regulatory/Pubs/spn11-17.pdf>

2. All pre-construction notifications (PCNs) to the District Engineer shall be completed using the established Corps of Engineers permit application procedures for that locality (see <http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx>). The PCN shall include all activities that the applicant plans to undertake that are reasonably related to the same project. All PCNs to the District Engineer shall include the following information, where applicable, in addition to the information specified in the nationwide permit conditions, including General Condition 32:
 - a) Plan(s) of the proposed work on 8-1/2 by 11 inch paper which includes a location map; longitude and latitude; and plan view drawings clearly depicting the location, size, and dimensions of the proposed activity as well as the location of the delineated waters and wetlands, for the entire project area. The drawings shall contain the amount (in cubic yards) and the area (square feet) of dredged and/or fill material to be discharged in Corps jurisdiction, including both permanent and temporary structures. Plans should depict all proposed work, including areas proposed for filling, grading, excavation, drainage, and/or inundation. All drawings shall include the ordinary high water mark, or if in tidal waters, the mean high water mark and high tide line; existing water depths; cross-sectional plan; depth of any structure(s) below mean low water; height of any structure(s) above mean high water; the maximum distance that the structure(s) or fill will extend channelward of the existing shoreline; the width of the waterway at the project site; the location of any dredged material disposal area; the distance from the edge of any federal navigation channel and the location of any temporary work; structures, vessels, or fills required for construction; a copy of any previous Federal or State approvals; and the location and nature of any submerged aquatic vegetation (e.g., eel grass, *Zostera marina*). In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information. <http://web.vims.edu/bio/sav/index.html> The applicant should also refer to other reliable sources to comply with this condition.
 - b) The PCN shall include a wetland and stream delineation for the entire project area, including latitude and longitude, identified on a scaled plan of the project site. All existing or proposed work in aquatic resources shall be identified on the same-scaled plan. Further, at the discretion of the District Engineer, the Corps may determine that a PCN is incomplete if it is determined that field verification of the wetland and/or stream delineation is required.
 - c) Numbered and dated pre-project color photographs showing all aquatic resources proposed to be impacted on the project site. The compass angle and position of each photograph shall be documented on the plan view drawing.

- d) Evidence that the prospective permittee has already contacted and received a response from the National Marine Fisheries Service and/or the U.S. Fish and Wildlife Service concerning any Federally listed Threatened and Endangered Species that may be affected by the proposed activity
 - e) Evidence that the prospective permittee has already contacted and received a response from the State Historic Preservation Office concerning historic properties that may be affected by the proposed activity.
 - f) Documentation from the appropriate State agency indicating whether the proposed project is located within a State Natural Heritage site, Outstanding National Resource Water, or National Estuarine Research Reserve. For further information, reference NWP general condition 22.
 - g) A written statement describing the following:
 - i. what measures have been taken to avoid impacts to aquatic resources;
 - ii. what measures have been taken to minimize unavoidable impacts to aquatic resources;
 - iii. what measures have been developed to compensate for the loss of aquatic resources. Where compensatory mitigation is required, approval of a mitigation plan (complete with the 12 fundamental components of a compensatory mitigation plan, as identified in 33 CFR 332.4/40 CFR 230.92.4 (c)) is required prior to initiating any authorized work.
3. When a PCN is required, the Corps review period shall commence with the receipt of a complete permit application at the Corps District Office. The prospective permittee shall not begin the activity until notified in writing by the District Engineer (normally within 60 days) that the activity may proceed under the nationwide permit with any special conditions imposed, if applicable.
4. Where required by the regional conditions of the NWP, the prospective permittee must submit a PCN to the District Engineer for any activity that may adversely affect Essential Fish Habitat within the District of Columbia and Maryland. The District Engineer will immediately provide (e.g., via email, facsimile transmission, or other expeditious manner) a copy of the PCN, including project description, site location map, project plans, and any ancillary information relevant to the National Marine Fisheries Service's jurisdiction for an Essential Fish Habitat assessment, or where appropriate, an individual Essential Fish Habitat consultation and coordination. The National Marine Fisheries Service Chesapeake Bay Office shall then have a 30 day review and comment period from the date of their receipt of the EFH assessment, as provided by the Magnuson-Stevens Act.

5. Any requests to waive the 300 linear foot limitation for the intermittent and ephemeral streams for NWPs 12, 21, 29, 39, 40, 42, 43, 44, 50, 51, 52, and B or to waive the 500 linear foot limitation along the bank for NWP 13, or to waive the 20 foot width limitation for NWP 36, must include:
 - a) A narrative description of the stream. This should include known information on: volume and duration of flow; the approximate length, width, and depth of the waterbody and characteristics observed associated with the Ordinary High Water Mark (e.g., bed and bank, wrack line, or scour marks); a description of the adjacent vegetation community, including a statement as to if the area is upland or wetland; surrounding land use; water quality; issues related to cumulative impacts in the watershed, and; any other relevant information.
 - b) An analysis of the proposed impacts to the waterbody in accordance with General Condition 32.
 - c) Measures taken to avoid and minimize losses, including other methods of constructing the proposed project; and
 - d) A mitigation plan describing how the unavoidable losses are proposed to be compensated (complete with the 12 fundamental components of a compensatory mitigation plan, as identified in 33 CFR 332.4/40 CFR 230.92.4 (c)).
6. Any compensatory mitigation required by special conditions of the NWP verification shall be completed before or concurrent with commencement of construction of the authorized activity, except when specifically determined to be impracticable by the Corps. When compensatory mitigation involves use of a mitigation bank or in-lieu-fee program, the special conditions of the permit must identify the specific mitigation bank or in-lieu-fee program used to provide the required compensatory mitigation and the number and resource type of credits the permittee is required to secure. Proof of payment to the approved mitigation bank or in-lieu-fee program shall be submitted to the appropriate Corps district prior to commencement of construction of the authorized activity. The amount of required compensatory mitigation must be, to the extent practicable, sufficient to replace lost aquatic resource functions and services. A watershed approach to compensatory mitigation that considers the importance of landscape position and resource type of compensatory mitigation projects for the sustainability of aquatic resource functions within the watershed should be used.

Nationwide Permit General Condition for Aerial Transmission Lines Across Navigable Waters

1. The following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These

clearances are related to the clearances over the navigable channel provided by existing fixed bridges, or the clearances which would be required by the United States Coast Guard for new fixed bridges, in the vicinity of the proposed aerial transmission line. These clearances are based on the low point of the line under conditions producing the greatest sag, taking into consideration temperature, load, wind, length of span, and type of supports as outlined in the National Electrical Safety Code:

Nominal System Voltage (kV)	Minimum additional clearance (ft.) above clearance required for bridges
115 and below	20
138	22
161	24
230	26
350	30
500	35
700	42
750-765	45

- a. The PCN for aerial transmission lines over navigable waters must include the nominal system voltage and the additional clearance above low steel for bridges, if available, or above maximum high water elevation;
 - b. Corps of Engineer regulation ER 1110-2-4401 prescribes minimum vertical clearances for power communication lines over Corps lake projects. In instances where both this regional condition and ER 1110-2-4401 apply, the greater minimum clearance is required; and
 - c. Clearances for communication lines, stream gaging cables, ferry cables, and other aerial crossings must be a minimum of ten feet above clearances required for bridges, unless specifically authorized otherwise by the District Engineer.
2. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

SPECIAL NOTES:

1. Where the Commonwealth, State or the District of Columbia (District) has denied 401 WQC and/or not concurred with the Corps' CZM consistency determination for a NWP authorization, the prospective permittee should contact the Commonwealth/State/District to obtain an activity specific review and approval by the Commonwealth/State/District prior to submitting any required pre-construction notification (PCN) to the Corps of Engineers.

ENCLOSURE 3

Proposed 2017 Nationwide Permit Regional Conditions for Pennsylvania

I. Nationwide Permit Specific Regional Conditions:

Note: see “Section II. Nationwide Permit General Regional Conditions” for additional regional conditions that are applicable to multiple and/or all NWP. Unless otherwise noted, all regional conditions listed in this enclosure are applicable for activities in Pennsylvania.

Nationwide Permit #3 Maintenance

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a) for this Nationwide Permit (NWP), as specified below. A PCN to the District Engineer is required for:
 - a. For NWP 3(a), any regulated discharge of dredged and/or fill material which involves the proposed use of equipment to remove material from or move material across a stream channel as part of the proposed activity for repair, rehabilitation, or replacement. The PCN must clearly describe any activity proposing the use of equipment to move material from or across a stream channel;
 - b. For NWP 3(a), proposed construction and modification of docks, piers, and other structures that will occur along and/or within 150 feet of the horizontal limits of a federally authorized channel within the Baltimore District Civil Works Boundary <http://www.nab.usace.army.mil/Navigation/DepthRpts.htm#017>;
 - c. For work associated with NWP 3(a), regarding the repair, rehabilitation, or replacement of structures or fills destroyed or damaged by storms, floods, fire or other discrete events, that occurs along federally authorized channels. All proposed work shall comply with the most current version of the Baltimore District’s setback guidance on the Baltimore District Regulatory website at: <http://www.nab.usace.army.mil/Portals/63/docs/Regulatory/Pubs/spn11-17.pdf> ; or
2. **Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):**
 - a. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin

Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #5 Scientific Measurement Devices

Permit Specific Regional Conditions –

1. For the Delaware River in Pennsylvania, the construction or installation of subaqueous turbines or similar facilities is not authorized by this NWP.
2. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer for any activity, proposing the discharge of greater than 10 cubic yards of dredged and/or fill material for the construction of small weirs and flumes, in accordance with the current Corps permit application procedures (See general condition 32 and regional general conditions 32a).

Nationwide Permit #6 Survey Activities

Permit Specific Regional Conditions –

1. Use of in-water explosives is not authorized under this NWP.
2. The permittee shall ensure that all in-stream exploratory trenching is conducted under dry conditions.

Nationwide Permit #7 Outfall Structures and Associated Intake Structures

Permit Specific Regional Conditions –

1. **Essential Fish Habitat Regional Conditions (Applicable to the Delaware River in Pennsylvania):**
 - a. Screening over the mouth of associated intake structures shall have a mesh size no larger than 2 mm;
 - b. Intake structure velocities shall not exceed 0.5 feet per second; and
 - c. The intake structure shall be positioned to minimize impingement/entrainment of sensitive life stages of aquatic species (e.g., recessed away from the waterway, positioned perpendicular to the predominant direction of flow).

Nationwide Permit #10 Mooring Buoys

Permit Specific Regional Conditions –

1. Water depths in the mooring area must be sufficient that any moored vessels float at all stages of the tide.
2. Mooring buoys are prohibited in areas mapped as submerged aquatic vegetation (SAV) habitat. The applicant should refer to reliable SAV mapping sources to comply with this condition.

Nationwide Permit #11 Temporary Recreational Structures

Permit Specific Regional Conditions –

1. Water depths in the mooring area must be sufficient that any moored vessels float at all stages of the tide.
2. For the **Delaware River in Pennsylvania**, this NWP is applicable only to structures associated with discrete or specific events.
3. This NWP does not authorize the placement of any temporary structures in any areas mapped with submerged aquatic vegetation (SAV). The applicant should refer to reliable SAV mapping sources to comply with this condition.
4. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a).

Nationwide Permit #12 Utility Line Activities

Permit Specific Regional Conditions –

1. This nationwide permit does not authorize the following activities:
 - a. Any work on the Delaware River downstream of the U.S. Route 202 Bridge at New Hope, Pennsylvania, or the Schuylkill River downstream of Fairmount Dam in Philadelphia, Pennsylvania;
 - b. The stockpiling or side-casting of excavated material in wetlands in excess of 30 days, unless a longer period of time is specifically reviewed and approved by the District Engineer. Further, all excess or suitable dredged and/or excavated material not used as backfill over any cable or pipeline shall be disposed of in an upland area and shall be stabilized with straw bales, silt fence, or other acceptable methods to prevent reentry into any waterway or wetland;

- c. The permanent loss of more than 300 linear feet of stream bed at a single crossing, unless for intermittent and ephemeral stream beds the District Engineer waives the 300 linear foot limit by making a written determination concluding that the discharge will result in minimal adverse effects;
 - d. The placement of manholes in wetlands unless demonstrated to the satisfaction of the Corps that the placement is unavoidable; and
 - e. The permanent discharge of any drilling muds that may be generated through such methods as directional boring or drilling.
2. For the installation of utility lines, the following applies:
- a. Utility lines installed below the plane of ordinary high water of any stream or waterway shall be constructed under dry conditions, using stream diversions other than earthen cofferdams, unless it is demonstrated to the satisfaction of the District Engineer to be impracticable;
 - b. The utility line should make a direct or perpendicular crossing of a stream. Directional drilling is the preferred method of installation when possible, especially in tidal waters;
 - c. Where a utility line is constructed parallel to a stream corridor, an undisturbed buffer shall be established between the utility line and the waterway to avoid or minimize potential future impacts to Waters of the United States. These potential impacts would include such issues as sewer line leaks or failures, future stream channel meandering, stream bank instability and failure, and right-of-way maintenance. Measures designed to satisfy this condition must be described in any PCN to the District Engineer;
 - d. The top of any buried cable, encasement, or pipeline shall be located a minimum of three feet below the existing bottom elevation of the streambed and shall be backfilled with suitable heavy material to the preconstruction bottom elevation. Where the cable, encasement, or pipeline is placed on bedrock, a minimum depth of one foot from the lowest point in the natural contour of the streambed shall be maintained. When crossing a maintained navigation channel, the requirements are a minimum of ten feet between the top of the cable, encasement, or pipeline and the authorized depth of the navigation channel, except in the Delaware River, where the minimum vertical clearance shall be six feet. For Federal navigational channels, where the utility line is placed on bedrock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained; and
 - e. Clay plugs, impervious membranes, or other state of the art methods shall be placed in trenches to ensure that the trench does not drain the water and/or

wetland through which the utility line was installed. Photo-documentation of clay plugs or impervious material at each crossing must be included with the submitted “self-certification form.”

3. Prior to doing the work, the permittee shall submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a).

The PCN shall include the following additional information:

- a. For all submerged utility lines across navigable waters of the United States, the PCN shall include a location map and cross-sectional view drawing showing the utility line crossing from bank to bank in relationship to the waterway bottom. In addition, the location and depth of any Federal navigation channel shall be shown in relation to the proposed utility line;
 - b. The PCN shall include a map of the entire project corridor/overall project area including a delineation of all wetlands and waters of the United States within the corridor and overall project area;
 - c. The PCN shall include information regarding how the selection of the alignment avoids and minimizes impacts to aquatic resources to the maximum extent practicable;
 - d. Where water or sewer line installation is proposed in an existing subdivision and the purpose is to extend service to new or expanded commercial, institutional, and residential lots containing waterways and wetlands which would be filled for construction, the PCN shall include information regarding the waterways/wetlands within those lots and potential impacts to those aquatic resources;
 - e. Any PCN to the District Engineer that proposes construction of a permanent access road must also justify, to the satisfaction of the District Engineer, that any such permanent fills are necessary, and that temporary access roads are not practicable;
4. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line

at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

5. Essential Fish Habitat Regional Conditions (Applicable to the Delaware River in Pennsylvania):

- a. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable; and
- b. If a proposed activity would involve impacts to submerged aquatic vegetation (SAV) in the Delaware River, the applicant shall clearly document all efforts to avoid and minimize the impacts and to achieve restoration of these areas. At a minimum, this shall include pre-construction surveys along the entire right-of-way to map all existing SAV, construction schedules, and long term monitoring to assess restoration of SAV areas.

Nationwide Permit #13 Bank Stabilization

Permit Specific Regional Conditions –

1. Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):

- a. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #14 Linear Transportation Projects

Permit specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a) if a Section 10 permit is required.

2. Essential Fish Habitat Regional Conditions (Applicable to the Delaware River in Pennsylvania):

- a. For any activity in the Delaware River, a complete copy of any required PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder

Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act; and

- b. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #18 Minor Discharges

Permit Specific Regional Conditions –

1. In all Section 10 waters, prior to doing the work, the permittee shall submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a).
2. **Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):**
 - a. Any activity in the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.
 - b. For any activity in the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.

Nationwide Permit #19 Minor Dredging

Permit Specific Regional Conditions –

1. For all Section 10 waters, prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).

2. Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):

- a. For any activity on the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
- b. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #21 Surface Coal Mining Operations

Permit Specific Regional Conditions –

1. NWP 21 (b)-Other Surface Coal Mining Activities:

- a. This nationwide permit does not authorize activities that would result in the loss of more than of 1000 linear feet of stream bed.

Nationwide Permit #22 Removal of Vessels

Permit Specific Regional Conditions -

1. Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):

- a. For any activity on the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
- b. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #23 Approved Categorical Exclusions

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).

Nationwide Permit #25 Structural Discharges

Permit Specific Regional Conditions –

1. **Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):**
 - a. For any activity on the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
 - b. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #27 Aquatic Habitat Restoration, Establishment, and Enhancement Activities

Permit Specific Regional Conditions –

1. Any activity involving shellfish seeding, such as the placement of shell material or any other habitat development or enhancement, is restricted to shellfish species that are native to that waterbody.
2. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).
3. **Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):**

- a. For any activity on the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.

Nationwide Permit #28 Modifications of Existing Marinas

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a). The application must also include plans showing the configuration of existing structures. For projects located on a waterway containing an authorized Federal Navigation Channel, the permittee must also include the distance of the project from the edge of the authorized channel. The District Engineer will add special conditions, where necessary, to ensure those adverse navigation impacts are minimal.
2. **Applicable to the Delaware River in Pennsylvania:** This NWP is only applicable to those projects, which have been previously reviewed and approved by the District Engineer through the Individual Permit process.
3. **Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):**
 - a. For any activity on the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
 - b. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #30 Moist Soil Management for Wildlife

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general conditions 32a).

Nationwide Permit #33 Temporary Construction, Access and Dewatering

Permit specific Regional Conditions –

1. **Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):**
 - a. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #35 Maintenance Dredging of Existing Basins

Permit Specific Regional Conditions –

1. In Section 10 waters, prior to doing the work, the permittee must submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a). The application must also include a drawing indicating existing depths for the project site and nearby channel, and a survey of submerged aquatic vegetation in the vicinity of the dredge site, and plans indicating the dimensions (width and depth) and the approximate date of previous dredging, and identifying the location of the upland disposal site(s).
2. This nationwide permit does not authorize activities on the Delaware River downstream of the U.S. Route 202 Bridge at New Hope, Pennsylvania, or the Schuylkill River downstream of Fairmount Dam in Philadelphia, Pennsylvania.
3. Maintenance dredging authorized by this nationwide permit shall be limited to the dimensions (width and depth) of previously authorized dredging.

Nationwide Permit #36 Boat Ramps

Permit Specific Regional Conditions –

This nationwide permit does not authorize activities on the Delaware River downstream of the U.S. Route 202 Bridge at New Hope, Pennsylvania.

Nationwide Permit #38 Cleanup of Hazardous and Toxic Waste

Permit Specific Regional Conditions –

1. Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):

- a. For any activity on the Delaware River, a complete copy of any PCN submitted to the Corps of Engineers shall also be forwarded directly to the National Marine Fisheries Service Habitat Conservation Division, 74 Magruder Road, Sandy Hook, Highlands, New Jersey 07732. The applicant must provide evidence that this has been accomplished. The Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
- b. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #45 Repair of Uplands Damaged by Discrete Events

Permit Specific Regional Conditions –

1. Essential Fish Habitat Regional Condition (Applicable to the Delaware River in Pennsylvania):

- a. Any activity on the Delaware River associated with this NWP shall comply with the time-of-year restrictions developed in conjunction with the Delaware Basin Fish and Wildlife Management Cooperative and accepted by the Corps of Engineers, as applicable.

Nationwide Permit #48 Commercial Shellfish Aquaculture Activities

Permit Specific Regional Conditions –

1. This NWP does not authorize the following activities:
 - a. Activities located in any areas mapped as submerged aquatic vegetation. The applicant should refer to reliable SAV mapping sources to comply with this condition;

- b. Activities associated with the cultivation and/or introduction into tidal waters of shellfish species that are not indigenous to the Chesapeake Bay and its tributaries, the Maryland coastal bays, and the Delaware River; or
2. All structures associated with the aquaculture activity must be removed from waters of the United States when/if the activity is abandoned.
3. Any introduced shellfish introduced to the Delaware River and its tributaries must be certified under Delaware standards as being disease and parasite free.
4. **Essential Fish Habitat Regional Conditions (Applicable to the Delaware River in Pennsylvania):**
 - a. A PCN must be submitted to the Corps for all activities in waters of the United States.
 - b. A complete copy of any PCN to the Corps shall be forwarded directly to NMFS, Habitat Conservation District, 74 Magruder Road, Sandy Hook, Highlands, New Jersey, 07732. The applicant must provide evidence that this has been accomplished. The Corps will coordinate review of the PCN with the NMFS pursuant to MSA.

Nationwide Permit 52 Water-Based Renewable Energy Generation Pilot Projects

Permit Specific Regional Conditions –

1. This NWP does not authorize work or discharges associated with wind generation projects within Lake Erie.
2. The PCN shall include the following:
 - a. For all submerged utility lines across navigable waters of the United States, the PCN shall include a location map and cross-sectional view showing the utility line crossing from bank to bank. In addition, the location and depth of the Federal Project Channel shall be shown in relation to the proposed utility line.
 - b. The PCN shall include a map of the entire project corridor/overall project area including a delineation of all wetlands and waters of the United States within the corridor and overall project area.
 - c. The PCN for aerial transmission lines over navigable waters must include the nominal system voltage and the additional clearance above low steel for bridges, if available, or above maximum high water elevation.

3. For activities in the Delaware River, the Corps shall provide a copy of the required PCN to NMFS for individual EFH consultation and coordination pursuant to the Magnuson Stevens Act.

II. Nationwide Permit General Regional Conditions

Note: To qualify for NWP authorization, the prospective permittee must comply with the following regional general conditions, as applicable, in addition to any nationwide permit specific regional conditions identified above in Section I, the general conditions found in the proposed 2017 NWPs published in the *Federal Register* on June 1, 2016 (81 FR 35186), and any case-specific conditions imposed by the Corps.

Nationwide Permit General Condition #2 Aquatic Life Movement

Regional General Condition 2a - The permittee shall apply any appropriate time-of -year restrictions to protect the aquatic resources present within the project area and downstream of the project site.

Nationwide Permit General Condition #17 Tribal Rights

Within the Baltimore District's geographic area of review, no application reviewed by the District is considered complete until completion of tribal coordination. The prospective permittee of an application reviewed by the Baltimore District shall not begin the activity until notified in writing by the District Engineer that the activity may proceed under the nationwide permit with any special conditions imposed, if applicable.

Nationwide Permit General Condition #18 Endangered Species

Regional Condition 18a – For all work in Pennsylvania associated with any of the NWPs, the applicant is required to complete a Pennsylvania Natural Diversity Inventory (PNDI) project screening for federally listed threatened and endangered species. The PNDI Environmental Review Tool is located at: <http://www.naturalheritage.state.pa.us>. The prospective permittee must submit a PCN to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a), prior to doing the work, if the PNDI receipt identifies a “Potential Impact”, or “Avoidance Measures”, in association with the U.S. Fish and Wildlife Service.

Nationwide Permit General Condition #32 Pre-Construction Notification

The following regional general conditions are incorporated as part of the terms and conditions of NWP General Condition 32, *Pre-Construction Notification*. These regional general conditions are applicable to all NWPs where a PCN is submitted to the district engineer. This

includes the following: (a) those NWP's requiring notification to the district engineer pursuant to the NWP general conditions 18, 22 and 32, (b) those NWP's requiring notification to the district engineer pursuant to a regional condition, and (c) any other pre-constriction notifications to the district engineer where an applicant has requested verification of an NWP authorization. Those NWP's that require a PCN include NWP's 1*, 2*, 3*, 4*, 5*, 6*, 7, 8, 9*, 10*, 11, 12, 13*, 14*, 15*, 16*, 17, 18, 19, 20*, 21, 22*, 23, 24*, 25*, 27, 28, 29, 30, 31, 32*, 33, 34, 35, 36*, 37*, 38, 39, 40, 41, 42, 43*, 44, 45, 46, 48*, 49, 50, 51, 52, A, and B.

**These NWP activities require notification under certain circumstances. Review the NWP authorization, general conditions 18, 22 & 32, and the regional conditions to identify these circumstances.*

Regional General Conditions 32a

1. A PCN shall be submitted to the District Engineer for any proposed activity, which would result in impacts, temporary or permanent, to jurisdictional wetlands in the following Counties in Pennsylvania: Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed), and York.
2. For a PCN required in Pennsylvania under Regional Nationwide Permit General Condition 18a, a copy of the PCN must also be concurrently forwarded to the U.S. Fish and Wildlife Service if the PNDI receipt identifies a "Potential Impact" related to the U.S. Fish and Wildlife Service, or if the applicant cannot implement, or does not agree to implement one or more U. S. Fish and Wildlife Service issued "Avoidance Measures" detailed on the PNDI receipt.
3. A PCN shall be submitted the Baltimore District Corps of Engineers for proposed construction and modification of docks, piers, and other structures that will occur along and/or within 150 feet of the horizontal limits of a federally authorized channel within the Baltimore District Civil Works Boundary <http://www.nab.usace.army.mil/Navigation/DepthRpts.htm#017>. In addition, a PCN is required for the replacement of previously authorized, currently serviceable structures located along federally authorized channels that are destroyed by an act of nature or sudden event. All proposed work shall comply with the most current version of the Baltimore District's setback guidance on the Baltimore District Regulatory website at: <http://www.nab.usace.army.mil/Portals/63/docs/Regulatory/Pubs/spn11-17.pdf>
4. All pre-construction notifications (PCNs) to the District Engineer shall be completed using the established Corps of Engineers permit application procedures for that locality (see <http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx>). The PCN shall include all activities that the applicant plans to undertake that are reasonably related to the same project. All PCNs to the District Engineer shall include the following information, where applicable, in addition to the information specified in the nationwide permit conditions, including General Condition 32:

- a) Plan(s) of the proposed work on 8-1/2 by 11 inch paper which includes a location map; longitude and latitude; and plan view drawings clearly depicting the location, size, and dimensions of the proposed activity as well as the location of the delineated waters and wetlands, for the entire project area. The drawings shall contain the amount (in cubic yards) and the area (square feet) of dredged and/or fill material to be discharged in Corps jurisdiction, including both permanent and temporary structures. Plans should depict all proposed work, including areas proposed for filling, grading, excavation, drainage, and/or inundation. All drawings shall include the ordinary high water mark, or if in tidal waters, the mean high water mark and high tide line; existing water depths; cross-sectional plan; depth of any structure(s) below mean low water; height of any structure(s) above mean high water; the maximum distance that the structure(s) or fill will extend channelward of the existing shoreline; the width of the waterway at the project site; the location of any dredged material disposal area; the distance from the edge of any federal navigation channel and the location of any temporary work; structures, vessels, or fills required for construction; a copy of any previous Federal or State approvals; and the location and nature of any submerged aquatic vegetation (e.g., eel grass, *Zostera marina*). In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information. <http://web.vims.edu/bio/sav/index.html> The applicant should also refer to other reliable sources to comply with this condition.
- b) The PCN shall include a wetland and stream delineation for the entire project area, including latitude and longitude, identified on a scaled plan of the project site. All existing or proposed work in aquatic resources shall be identified on the same-scaled plan. Further, at the discretion of the District Engineer, the Corps may determine that a PCN is incomplete if it is determined that field verification of the wetland and/or stream delineation is required.
- c) Numbered and dated pre-project color photographs showing all aquatic resources proposed to be impacted on the project site. The compass angle and position of each photograph shall be documented on the plan view drawing.
- d) Evidence that the prospective permittee has already contacted and received a response from the National Marine Fisheries Service and/or the U.S. Fish and Wildlife Service concerning any Federally listed Threatened and Endangered Species that may be affected by the proposed activity

In Pennsylvania, a PNDI receipt or U.S. Fish and Wildlife Service letter (issued pursuant to the ESA) serves as evidence that the prospective permittee has contacted and received a response from the U.S. Fish and Wildlife Service.

- e) Evidence that the prospective permittee has already contacted and received a response from the State Historic Preservation Office concerning historic properties that may be affected by the proposed activity.
 - f) Documentation from the appropriate State agency indicating whether the proposed project is located within a State Natural Heritage site, Outstanding National Resource Water, or National Estuarine Research Reserve. For further information, reference NWP general condition 22.
 - g) A written statement describing the following:
 - i. what measures have been taken to avoid impacts to aquatic resources;
 - ii. what measures have been taken to minimize unavoidable impacts to aquatic resources;
 - iii. what measures have been developed to compensate for the loss of aquatic resources. Where compensatory mitigation is required, approval of a mitigation plan (complete with the 12 fundamental components of a compensatory mitigation plan, as identified in 33 CFR 332.4/40 CFR 230.92.4 (c)) is required prior to initiating any authorized work.
5. When a PCN is required, the Corps review period shall commence with the receipt of a complete permit application at the Corps District Office. The prospective permittee shall not begin the activity until notified in writing by the District Engineer (normally within 60 days) that the activity may proceed under the nationwide permit with any special conditions imposed, if applicable.
6. Any requests to waive the 300 linear foot limitation for the intermittent and ephemeral streams for NWPs 12, 21, 29, 39, 40, 42, 43, 44, 50, 51, 52, and B or to waive the 500 linear foot limitation along the bank for NWP 13, or to waive the 20 foot width limitation for NWP 36, must include:
- a. A narrative description of the stream. This should include known information on: volume and duration of flow; the approximate length, width, and depth of the waterbody and characteristics observed associated with the Ordinary High Water Mark (e.g., bed and bank, wrack line, or scour marks); a description of the adjacent vegetation community, including a statement as to if the area is upland or wetland; surrounding land use; water quality; issues related to cumulative impacts in the watershed, and; any other relevant information.
 - b. An analysis of the proposed impacts to the waterbody in accordance with General Condition 32.

- c. Measures taken to avoid and minimize losses, including other methods of constructing the proposed project; and
 - d. A mitigation plan describing how the unavoidable losses are proposed to be compensated (complete with the 12 fundamental components of a compensatory mitigation plan, as identified in 33 CFR 332.4/40 CFR 230.92.4 (c)).
7. Any compensatory mitigation required by special conditions of the NWP verification shall be completed before or concurrent with commencement of construction of the authorized activity, except when specifically determined to be impracticable by the Corps. When compensatory mitigation involves use of a mitigation bank or in-lieu-fee program, the special conditions of the permit must identify the specific mitigation bank or in-lieu-fee program used to provide the required compensatory mitigation and the number and resource type of credits the permittee is required to secure. Proof of payment to the approved mitigation bank or in-lieu-fee program shall be submitted to the appropriate Corps district prior to commencement of construction of the authorized activity. The amount of required compensatory mitigation must be, to the extent practicable, sufficient to replace lost aquatic resource functions and services. A watershed approach to compensatory mitigation that considers the importance of landscape position and resource type of compensatory mitigation projects for the sustainability of aquatic resource functions within the watershed should be used.

Nationwide Permit General Condition for Aerial Transmission Lines Across Navigable Waters

- 1. The following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These clearances are related to the clearances over the navigable channel provided by existing fixed bridges, or the clearances which would be required by the United States Coast Guard for new fixed bridges, in the vicinity of the proposed aerial transmission line. These clearances are based on the low point of the line under conditions producing the greatest sag, taking into consideration temperature, load, wind, length of span, and type of supports as outlined in the National Electrical Safety Code:

Nominal System Voltage (kV)	Minimum additional clearance (ft.) above clearance required for bridges
115 and below	20
138	22
161	24
230	26
350	30
500	35

700	42
750-765	45

- a. The PCN for aerial transmission lines over navigable waters must include the nominal system voltage and the additional clearance above low steel for bridges, if available, or above maximum high water elevation;
 - b. Corps of Engineer regulation ER 1110-2-4401 prescribes minimum vertical clearances for power communication lines over Corps lake projects. In instances where both this regional condition and ER 1110-2-4401 apply, the greater minimum clearance is required; and
 - c. Clearances for communication lines, stream gaging cables, ferry cables, and other aerial crossings must be a minimum of ten feet above clearances required for bridges, unless specifically authorized otherwise by the District Engineer.
2. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

SPECIAL NOTES:

1. Where the Commonwealth, State or the District of Columbia (District) has denied 401 WQC and/or not concurred with the Corps' CZM consistency determination for a NWP authorization, the prospective permittee should contact the Commonwealth/State/District to obtain an activity specific review and approval by the Commonwealth/State/District prior to submitting any required pre-construction notification (PCN) to the Corps of Engineers.

ENCLOSURE 4

Proposed 2017 Nationwide Permit Regional Conditions for the District of Columbia

I. Nationwide Permit Specific Regional Conditions:

Note: see “Section II. Nationwide Permit General Conditions” for additional regional conditions that are applicable to multiple and/or all NWP. Unless otherwise noted, all regional conditions listed in this enclosure are applicable for activities in the District of Columbia.

Nationwide Permit #3 Maintenance

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a) for this Nationwide Permit (NWP), as specified below. A PCN to the District Engineer is required for:
 - a. For NWP 3(a), any regulated discharge of dredged and/or fill material which involves the proposed use of equipment to remove material from or move material across a stream channel as part of the proposed activity for repair, rehabilitation, or replacement. The PCN must clearly describe any activity proposing the use of equipment to move material from or across a stream channel;
 - b. For NWP 3(a), proposed construction and modification of docks, piers, and other structures that will occur along and/or within 150 feet of the horizontal limits of a federally authorized channel within the Baltimore District Civil Works Boundary <http://www.nab.usace.army.mil/Navigation/DepthRpts.htm#017>;
 - c. For work associated with NWP 3(a), regarding the repair, rehabilitation, or replacement of structures or fills destroyed or damaged by storms, floods, fire or other discrete events, that occurs along federally authorized channels. All proposed work shall comply with the most current version of the Baltimore District’s setback guidance on the Baltimore District Regulatory website at: <http://www.nab.usace.army.mil/Portals/63/docs/Regulatory/Pubs/spn11-17.pdf>; or
 - d. Any proposed activity, which would result in impacts, temporary or permanent, to Section 10 waters as defined in 33 CFR 329 in the District of Columbia.
2. The following terms of this authorization apply under NWP 3(b):

- a. The removal of sediment is limited to the minimum necessary to restore the waterway in the immediate vicinity of the structure to the approximate dimensions that existed when the structure was built, but cannot extend further than 50 feet in any direction from the structure, unless specifically authorized by the District Engineer.

3. Essential Fish Habitat Regional Conditions

a. NWP 3(a)-Repair, Rehabilitation, or Replacement Activities:

- i. Prior to doing the work, the prospective permittee shall submit a PCN to the District Engineer (See general condition 32 and regional general conditions 32a) for any proposed activity, where the project affects more than 10,000 square feet of tidal wetlands and/or tidal waters.
- ii. Prior to doing the work, the prospective permittee shall submit a PCN to the District Engineer (See general condition 32 and regional general conditions 32a) for any proposed activity, where:
 - a. The work involves the repair, rehabilitation, or replacement of a permanent culvert within a perennial and/or intermittent coastal plain streams , and the work does not result in:
 - 1. A culvert measuring greater than 24 inches in diameter being depressed 12 inches below the stream bottom; or
 - 2. A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.
 - 3. NOTE: Extensions of existing culverts that are not depressed below the stream bottom do not require a PCN under this Regional Condition.
- iii. A PCN required under 3. a. ii, above shall:
 - a. include a narrative documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions, limitations, or engineering factors that prohibit depressing the culvert. This documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for migratory fish passage; and
 - b. be forwarded by the Corps (a copy of the PCN, including any provided supporting documentation) to National Marine Fisheries

Service (NMFS) for review and comment pursuant to the Magnuson Stevens Act;

- iv. For culvert replacement and repair activities, work in tidal and nontidal coastal plain streams, shall be prohibited during the period February 15 through June 15, each year to protect sensitive life stages of anadromous fish, unless specifically waived by the District Engineer in consultation with NMFS.

b. NWP 3(b)-Removal of Accumulated Sediments and Debris in the Vicinity of and Within Existing Structures and the Placement of New or Additional Riprap to Protect the Structure:

- i. Prior to doing the work, the prospective permittee shall submit a PCN to the District Engineer for any proposed activity affecting more than 10,000 square feet of tidal wetlands and/or tidal waters or more than 500 linear feet of tidal tributary stream or nontidal stream in the coastal plain region (See general condition 32 and regional general conditions 32a). The Corps shall provide this PCN to NMFS for individual EFH consultation and coordination;
- ii. Work in tidal tributary streams and nontidal coastal plain streams shall be prohibited during the period of February 15 through June 15, each year, to protect sensitive life stages of anadromous fish, unless specifically waived by the District Engineer in consultation with NMFS; and
- iii. A low flow channel that permits passage of migratory fish species shall be incorporated into all activities involving the placement of new or additional riprap in tidal tributary streams and nontidal coastal plain streams.

Nationwide Permit #4 Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities

Permit Specific Regional Conditions –

1. This nationwide permit does not authorize activities that cause interference with navigation. No structure can extend into anchorage areas; customary boating channels; navigation fairways; marked, lighted, or charted channels; or State or Federal Navigation Channels.

Nationwide Permit #5 Scientific Measurement Devices

Permit Specific Regional Conditions –

1. The construction or installation of subaqueous turbines or similar is not authorized by this NWP.
2. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer for any activity, proposing the discharge of greater than 10 cubic yards of dredged and/or fill material for the construction of small weirs and flumes, in accordance with the current Corps permit application procedures (See general condition 32 and regional general conditions 32a).

Nationwide Permit #6 Survey Activities

Permit Specific Regional Conditions –

1. Use of in-water explosives is not authorized under this NWP.
2. The permittee shall ensure that all in-stream exploratory trenching is conducted under dry conditions.
3. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general conditions 32a) for any activity proposing the discharge of greater than 25 cubic yards of dredge and/or fill material.

Nationwide Permit #7 Outfall Structures and Associated Intake Structures

Permit Specific Regional Conditions –

1. Essential Fish Habitat Regional Conditions:

- a. Screening over the mouth of associated intake structures shall have a mesh size no larger than 2 mm;
- b. Intake structure velocities shall not exceed 0.5 feet per second; and
- c. The intake structure shall be positioned to minimize impingement/entrainment of sensitive life stages of aquatic species (e.g., recessed away from the waterway, positioned perpendicular to the predominant direction of flow).

Nationwide Permit #10 Mooring Buoys

Permit Specific Regional Conditions –

1. Water depths in the mooring area must be sufficient that any moored vessels float at all stages of the tide.
2. Mooring buoys are prohibited in areas mapped as submerged aquatic vegetation (SAV) habitat. In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information. <http://web.vims.edu/bio/sav/index.html>. The applicant should also refer to other reliable sources to comply with this condition.

Nationwide Permit #11 Temporary Recreational Structures

Permit Specific Regional Conditions –

1. Water depths in the mooring area must be sufficient that any moored vessels float at all stages of the tide.
2. This NWP does not authorize the placement of any temporary structures in any areas mapped with submerged aquatic vegetation (SAV). In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information. <http://web.vims.edu/bio/sav/index.html>. The applicant should also refer to other reliable sources to comply with this condition.
3. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a).

Nationwide Permit #12 Utility Line Activities

Permit Specific Regional Conditions –

1. This nationwide permit does not authorize the following activities:
 - a. The stockpiling or side-casting of excavated material in wetlands in excess of 30 days, unless a longer period of time is specifically reviewed and approved by the District Engineer. Further, all excess or suitable dredged and/or excavated material not used as backfill over any cable or pipeline shall be disposed of in an upland area and shall be stabilized with straw bales, silt fence, or other acceptable methods to prevent reentry into any waterway or wetland;
 - b. The permanent loss of more than 300 linear feet of stream bed at a single crossing, unless for intermittent and ephemeral stream beds where the District Engineer waives the 300 linear foot limit by making a written determination concluding that the discharge will result in minimal adverse effects;

- c. The placement of manholes in wetlands unless demonstrated to the satisfaction of the Corps that the placement is unavoidable; and
 - d. The permanent discharge of any drilling muds that may be generated through such methods as directional boring or drilling.
2. For the installation of utility lines, the following applies:
- a. Utility lines installed below the plane of ordinary high water of any stream or waterway shall be constructed under dry conditions, using stream diversions other than earthen cofferdams, unless it is demonstrated to the satisfaction of the District Engineer to be impracticable;
 - b. The utility line should make a direct or perpendicular crossing of a stream. Directional drilling is the preferred method of installation when possible, especially in tidal waters;
 - c. Where a utility line is constructed parallel to a stream corridor, an undisturbed buffer shall be established between the utility line and the waterway to avoid or minimize potential future impacts to Waters of the United States. These potential impacts would include such issues as sewer line leaks or failures, future stream channel meandering, stream bank instability and failure, and right-of-way maintenance. Measures designed to satisfy this condition must be described in any PCN to the District Engineer;
 - d. The top of any buried cable, encasement, or pipeline shall be located a minimum of three feet below the existing bottom elevation of the streambed and shall be backfilled with suitable heavy material to the preconstruction bottom elevation. Where the cable, encasement, or pipeline is placed on bedrock, a minimum depth of one foot from the lowest point in the natural contour of the streambed shall be maintained. When crossing a maintained navigation channel, the requirements are a minimum of ten feet between the top of the cable, encasement, or pipeline and the authorized depth of the navigation channel, except in the Delaware River, where the minimum vertical clearance shall be six feet. For Federal navigational channels, where the utility line is placed on bedrock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained; and
 - e. Clay plugs, impervious membranes, or other state of the art methods shall be placed in trenches to ensure that the trench does not drain the water and/or wetland through which the utility line was installed. Photo-documentation of clay plugs or impervious material at each crossing must be included with the submitted “self-certification form.”

3. Prior to doing the work, the permittee shall submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a).
4. The PCN shall include the following additional information:
 - a. For all submerged utility lines across navigable waters of the United States, the PCN shall include a location map and cross-sectional view drawing showing the utility line crossing from bank to bank in relationship to the waterway bottom. In addition, the location and depth of any Federal navigation channel shall be shown in relation to the proposed utility line;
 - b. The PCN shall include a map of the entire project corridor/overall project area including a delineation of all wetlands and waters of the United States within the corridor and overall project area;
 - c. The PCN shall include information regarding how the selection of the alignment avoids and minimizes impacts to aquatic resources to the maximum extent practicable;
 - d. Where water or sewer line installation is proposed in an existing subdivision and the purpose is to extend service to new or expanded commercial, institutional, and residential lots containing waterways and wetlands which would be filled for construction, the PCN shall include information regarding the waterways/wetlands within those lots and potential impacts to those aquatic resources;
 - e. Any PCN to the District Engineer that proposes construction of a permanent access road must also justify, to the satisfaction of the District Engineer, that any such permanent fills are necessary, and that temporary access roads are not practicable;
 - f. When any directional drilling or boring activities are proposed under a Section 10 waterway, the PCN must include a plan that addresses prevention, containment and cleanup of any accidental discharges of drilling muds known as “frack out”.
5. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line

at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

6. Essential Fish Habitat Regional Conditions:

- a. For open-cut installation of a pipeline and/or hydrostatic testing of a pipeline which involves water withdrawal and the activity will affect tidal and/or nontidal coastal plain streams, the work shall be prohibited during the period February 15 through June 15, each year, to protect sensitive life stages of anadromous fish, unless specifically waived by the District Engineer in consultation with NMFS.
- b. Proposed permanent culverts in perennial and intermittent coastal plain streams in the above referenced areas, should be depressed as defined below. If not depressed as defined below, the PCN shall include a narrative documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions, limitations, and/or engineering factors that prohibit:
 - i. A culvert measuring greater than 24 inches in diameter being depressed 12 inches below the stream bottom; or
 - ii. A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.
 - iii. NOTE: Extensions of existing culverts that are not depressed below the stream bottom are exempt from the requirement of submitting this documentation as part of the PCN.
- c. This documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for migratory fish passage.
- d. The Corps shall provide a copy of the PCN to National Marine Fisheries Service for review and comment pursuant to the Magnuson Stevens Act where:
 - i. The culvert is not depressed, as indicated in this regional condition;
 - ii. Foundations for overhead utility line towers, poles, and anchors are located below the mean high water line in tidal waters, or the ordinary high water line of nontidal coastal plain streams ; or
 - iii. Any proposed open-cut pipeline (i.e., pipes carrying gaseous, liquid, liquescent, or slurry substance) affecting a tidal tributary stream and/or nontidal coastal plain stream that:

- a) Impacts more than 500 linear feet of a tidal tributary stream and/or nontidal coastal plain stream; or
- b) Does not make a direct or perpendicular stream channel crossing; or
- ii. An open-cut pipe constructed in waters of the United States, which runs parallel to a stream and the pipeline is within 100 feet of the mean high water mark of a tidal stream; or 100 feet of the ordinary high water mark of a nontidal coastal plain stream.

Nationwide Permit #13 Bank Stabilization

Permit Specific Regional Conditions –

1. To the maximum extent practicable, bank stabilization activities shall be accomplished using natural stabilization techniques and/or natural channel design. Native riparian plantings shall be included in project designs to the extent practicable.
2. **Essential Fish Habitat Regional Condition:**
 - a. Instream work is prohibited during the period of February 15 through June 15, each year, within all tidal and nontidal coastal plain streams for the protection of anadromous fish spawning.

Nationwide Permit #14 Linear Transportation Projects

Permit specific Regional Conditions –

1. The activity must not be used as a berm for a permanent impoundment or in-stream management of storm water.
2. Any activity proposing a crossing of a stream or open water shall be designed to sufficiently maintain: a continuous waterway substrate; continuity of existing benthic habitats; and existing stream flow patterns. This can be achieved through the use of elevated structures, bottomless culverts, or by depressing culverts below the stream bottom. An on-site inspection by the potential permittee and/or engineer designing the crossing of the particular stream or waterbody is required to determine if the waterway is experiencing erosion, sedimentation, or accretion rates that would alter the bottom elevation for purposes of engineering a design that would address the requirements of this regional condition. Where a series of culverts are used, only those cells or culverts which carry the base stream flow, shall be depressed. The bottom of any other culverts or cells shall be raised to pass and maintain existing and expected high flows.

3. Prior to doing the work, the permittee shall submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a) if any of the following criteria is met.
 - a. A Section 10 permit is required;
 - b. Impacts to waters of the United States exceeds 200 linear feet of stream channel (perennial, intermittent, and ephemeral); or
 - c. Low flow or multi-culvert crossings is proposed.
4. The PCN shall include the following additional information:
 - a. The PCN shall include a map of the entire project corridor/overall project area including a delineation of all wetlands and waters of the United States within the corridor and overall project area. The PCN shall include information regarding how the selection of the alignment avoids and minimizes impacts to aquatic resources to the maximum extent practicable; and
 - b. For public linear transportation projects where the prospective permittee is proposing a new crossing, proposing the replacement of an existing bridge structure with a culvert, or proposing the expansion of an existing facility, the permittee shall include as part of any required PCN an on-site alternatives analysis that considers the impact of various size and type structures (i.e. bridges, culverts, pipes, and bottomless culverts) on the following: wetland services and functions, values, acreage; wildlife corridor; floodplain functions, including, but not limited to, flood storage and nutrient uptake; existing or proposed hiker/biker trails and equestrian trails; recreational water activities (e.g. boating, fishing); fish passage; fisheries habitat and food chain support; threatened and endangered species; stream morphology; hydraulic analysis; cost; consistency with master plans; and movement of debris.
5. Compensatory mitigation, focusing on functional replacement, will be determined on a case-by-case basis, but is required, at a minimum, for discharges causing the loss of greater than 1/10 acre of wetlands and/or greater than 200 linear feet of stream channel, unless the applicant demonstrates to the satisfaction of the District Engineer, that the adverse effects are minimal without mitigation. In such cases, the applicant must submit justification explaining why compensatory mitigation should not be required by the Corps. The amount of required compensatory mitigation must be, to the extent practicable, sufficient to replace the loss of aquatic resource services and functions. A watershed approach to compensatory mitigation should be used that considers the importance of landscape position and resource type for the sustainability of aquatic resource services and functions within the watershed. In addition, the PCN shall include the rationale for the

proposed compensatory mitigation. Where appropriate functional or conditional assessment methods are available and practicable, these methods may be used to determine how much compensatory mitigation is required.

6. Essential Fish Habitat Regional Condition:

- a. Instream work is prohibited during the period of February 15 through June 15, each year, within tidal and nontidal coastal plain streams for the protection of anadromous fish spawning.
- b. Prior to doing the work, the prospective permittee shall submit a PCN to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a), where:
 - i. A proposed activity affects more than 5,000 square feet of tidal wetlands or tidal waters; and/or 200 linear feet or more of nontidal coastal plain streams ;
or
 - ii. A proposed activity is within a perennial and/or intermittent coastal plain stream and the work does not result in:
 - a) A culvert measuring greater than 24 inches in diameter being be depressed 12 inches below the stream bottom; or
 - b) A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.
 - c) Note: Extensions of existing pipes or culverts that are not depressed below the stream bottom do not require a PCN under this Regional Condition.

The PCN shall include a narrative documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions, limitations, and/or engineering factors that prohibit meeting culvert depression requirements. This documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for migratory fish passage.

The Corps shall provide a copy of the PCN, including any provided supporting documentation, to National Marine Fisheries Service for review and comment pursuant to the Magnuson Stevens Act.

Nationwide Permit #15 U.S. Coast Guard Approved Bridges

Permit Specific Regional Conditions –

1. Essential Fish Habitat Regional Condition:

- a. Prior to doing the work, the prospective permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional general condition 32a), for any proposed activity affecting more than 10,000 square feet of tidal waters, including tidal wetlands and/or more than 500 linear feet of non-tidal coastal plain streams. The Corps shall provide this PCN to National Marine Fisheries Service for individual Essential Fish Habitat consultation and coordination.

Nationwide Permit #18 Minor Discharges

Permit Specific Regional Conditions –

1. The discharges of dredged and/or fill material into waters of the United States cannot be placed for the purpose of impounding water.
2. Prior to doing the work, the permittee shall submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a).
3. **Essential Fish Habitat Regional Condition:**
 - a. For any activity associated with a proposed discharge into tidal waters, including tidal wetlands that does not require access or proximity to or siting within tidal waters and wetlands to fulfill its basic purpose (i.e., is not “water-dependent”), the Corps shall provide the PCN to National Marine Fisheries Service for individual Essential Fish Habitat consultation and coordination.

Nationwide Permit #19 Minor Dredging

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).

Nationwide Permit #21 Surface Coal Mining Operations

Permit Specific Regional Conditions –

1. NWP 21 (b)-Other Surface Coal Mining Activities:

- a. This nationwide permit does not authorize activities that would result in the loss of more than of 1000 linear feet of stream bed.

Nationwide Permit #23 Approved Categorical Exclusions

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).

Nationwide Permit #27 Aquatic Habitat Restoration, Establishment, and Enhancement Activities

Permit Specific Regional Conditions –

1. Any activity involving shellfish seeding, such as the placement of shell material or any other habitat development or enhancement, is restricted to shellfish species that are native to that waterbody.
2. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps of Engineers permit application procedures (See general condition 32 and regional condition 32a).

3. Essential Fish Habitat Regional Conditions:

- a. For activities in all tidal and nontidal coastal plain streams the Corps of Engineers will coordinate review of the PCN with the National Marine Fisheries Service pursuant to the requirements of the Magnuson Stevens Fishery Conservation and Management Act.
- b. For activities involving the restoration and/or establishment of tidal marsh in mesohaline waters (i.e., salinity of 5-18 ppt) of the mid and upper Chesapeake Bay, the PCN should include information concerning the distribution of horned pondweed (*Zannichellia palustris*) within the project site. Distribution information of horned pondweed may require recent ground-truth survey of the area by the applicant (i.e., employing a survey crew with relevant experience) during the period of May 1 through June 15, of any year.

Nationwide Permit #28 Modifications of Existing Marinas

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee shall submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a). The application must also include plans showing the configuration of existing structures. For projects located on a waterway containing an authorized Federal Navigation Channel, the permittee must also include the distance of the project from the edge of the authorized channel. The District Engineer will add special conditions, where necessary, to ensure those adverse navigation impacts are minimal.

Nationwide Permit #29 Residential Developments

Permit Specific Regional Conditions –

1. This NWP does not authorize the construction of in-stream impoundments.
2. Under the terms of this NWP, wetlands, which are located within the platted lot lines of any residential subdivision, will be considered adversely affected, unless the wetlands are protected by a protective covenant, (e.g., conservation easement or deed restriction), or any other real estate mechanism that can demonstrate to the District Engineer that these areas will be protected and preserved in perpetuity. Those wetlands considered adversely affected may require additional project-specific compensatory mitigation or review under other Federal permitting procedures.
3. **Essential Fish Habitat Regional Condition:**
 - a. Instream work within tidal and nontidal coastal plain streams is prohibited during the period February 15 through June 15 for the protection of anadromous fish spawning.
 - b. Applicable to all perennial and intermittent coastal plain streams the Corps shall provide a copy of the PCN, including any supporting documentation, to the National Marine Fisheries Service in accordance with the Magnuson Stevens Act where the work does not result in:
 - i. A culvert measuring greater than 24 inches in diameter being depressed 12 inches below the stream bottom; or
 - ii. A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.
 - iii. NOTE: Extensions of existing culverts that are not depressed below the stream bottom do not require submission of the requested information as part of the PCN.

The PCN shall include a narrative documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions, limitations, and/or engineering factors that prohibit meeting culvert depression requirements. This documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for migratory fish passage.

Nationwide Permit #30 Moist Soil Management for Wildlife

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general conditions 32a).

Nationwide Permit #33 Temporary Construction, Access and Dewatering

Permit Specific Regional Conditions –

1. For causeways and cofferdams constructed under this NWP, the following applies:
 - a. Earthen cofferdams and cofferdams of dredged and/or fill material shall not be used due to problems with sedimentation of the waterway during installation and removal of the earthen (fine material) component. Causeways shall consist of only clean rock; and
 - b. Causeways and cofferdams shall extend no more than 1/2 the width of the waterway, and sufficient conveyance of the waterways shall be provided to preclude damage to property or the environment resulting from increased water surface elevations.
2. Temporary crossings of wetlands shall be avoided if an alternate location is possible. Where wetland impacts cannot be avoided, timber mats, construction pads, geotextiles or other similar devices shall be used to avoid consolidation of temporary road materials into the wetland substrate.
3. The restoration plan for disturbed wetlands and stream banks shall include a planting plan identifying specific species to be planted. Re-vegetation with species similar to those the native pre-existing vegetation should be used, unless site specific conditions justify a change, e.g. replacing reed canary grass with a more varied seed mix of palustrine emergent species. The type of re-vegetation should be in-kind, e.g., herbaceous species

replaced with same, shrub species replaced with same, and tree species replaced with same.

4. Essential Fish Habitat Regional Condition:

- a. The Corps shall provide the required PCN to National Marine Fisheries Service for individual Essential Fish Habitat consultation and coordination when:
 - i. The activity affects more than 0.5 acre of tidal waters, including jurisdictional tidal wetlands; or
 - ii. The activity affects more than 500 linear feet of a nontidal coastal plain stream.
- b. Instream work is prohibited during the period of February 15 through June 15, each year, within tidal and nontidal coastal plain streams for the protection of anadromous fish spawning.

Nationwide Permit #35 Maintenance Dredging of Existing Basins

Permit Specific Regional Conditions –

1. Maintenance dredging authorized by this nationwide permit shall be limited to the dimensions (width and depth) of previously authorized dredging.
2. Prior to doing the work, the permittee must submit a pre-construction notification (PCN) to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a). The application must also include a drawing indicating existing depths for the project site and nearby channel, and a survey of submerged aquatic vegetation in the vicinity of the dredge site, and plans indicating the dimensions (width and depth) and the approximate date of previous dredging, and identifying the location of the upland disposal site(s).

3. Essential Fish Habitat Regional Condition:

- a. The Corps shall provide the required PCN to National Marine Fisheries Service for individual Essential Fish Habitat consultation and coordination.

Nationwide Permit #36 Boat Ramps

Permit Specific Regional Conditions –

1. Construction material must be clean rock or stone free of fine materials such as silt, clay or sand to preclude more than minimal detrimental impacts to the waterway from turbidity and sedimentation effects.
2. For any activity which includes the pouring of concrete, the sealed forms shall remain in place until the concrete is set.
3. The length of boat ramps authorized by this nationwide permit shall not exceed 30 feet channelward of the mean high water line, nor 25% of the width of the waterway.
4. Where the water depth at the proposed ramp is less than two feet at mean low water line, the permittee must submit a pre-construction notification to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a).

Nationwide Permit #39 Commercial and Institutional Developments

Permit Specific Regional Conditions –

1. This NWP does not authorize the construction of in-stream impoundments.
2. Under the terms of this NWP, wetlands, which are located within the platted lot lines of any commercial or institutional subdivision, will be considered adversely affected, unless the wetlands are protected by a protective covenant, (e.g., conservation easement or deed restriction), or any other real estate mechanism that can demonstrate to the District Engineer that these areas will be protected and preserved in perpetuity. Those wetlands considered adversely affected may require additional project-specific compensatory mitigation or review under other Federal permitting procedures.
3. **Essential Fish Habitat Regional Condition:**
 - a. Instream work is prohibited during the period of February 15 through June 15, each year, within tidal and nontidal coastal plain streams for the protection of anadromous fish spawning.
 - b. Applicable to all perennial and intermittent coastal plain streams the Corps shall provide a copy of the PCN, including any supporting documentation, to the NMFS in accordance with the Magnuson Stevens Act, where the work does not result in:
 - i. A culvert measuring greater than 24 inches in diameter being depressed 12 inches below the stream bottom; or

- ii. A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.
- iii. NOTE: Extensions of existing culverts that are not depressed below the stream bottom do not require submission of the requested information as part of the PCN.

Nationwide Permit #40 Agricultural Activities

Permit Specific Regional Conditions –

1. Pond construction must be of the minimum size required for the farming use.
2. In-stream ponds should be avoided to the maximum extent practicable.

Nationwide Permit #41 Reshaping Existing Drainage Ditches

Permit Specific Regional Conditions –

1. Prior to doing the work, the permittee must submit a PCN to the District Engineer, in accordance with the current Corps permit application procedures (See general condition 32 and regional general condition 32a)

Nationwide Permit #42 Recreational Facilities

Permit Specific Regional Conditions –

1. Essential Fish Habitat Regional Condition:

- a. Instream work is prohibited during the period of February 15 through June 15, each year, within tidal and nontidal coastal plain streams for the protection of anadromous fish spawning.
- b. For culverted road crossings of perennial and intermittent coastal plain streams w, the Corps shall provide a copy of the PCN, including any provided supporting information, to the National Marine Fisheries Service for review and comment pursuant to the Magnuson Stevens Act, if the work does not result in:
 - i. A culvert measuring greater than 24 inches in diameter being depressed 12 inches below the stream bottom; or
 - ii. A culvert measuring 24 inches or less in diameter being depressed 6 inches below the stream bottom.

- iii. NOTE: Extensions of existing culverts that are not depressed below the stream bottom do not require submission of the requested information as part of the PCN.

The PCN shall include a narrative documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions and limitations on depressing the culvert, and engineering factors that prohibit depressing the culvert. This documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for migratory fish passage.

Nationwide Permit #43 Stormwater Management Facilities

Permit Specific Regional Conditions –

1. This NWP does not authorize the construction of recreational ponds, or the construction of any new stormwater management facilities in aquatic resources, including waterways or wetlands.

Nationwide Permit #48 Commercial Shellfish Aquaculture Activities

Permit Specific Regional Conditions

1. This NWP **does not** authorize the following activities:
 - a. Activities located in any areas mapped as submerged aquatic vegetation. In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information.
<http://web.vims.edu/bio/sav/index.html>
The applicant should also refer to other reliable sources to comply with this condition;
 - b. Activities associated with the cultivation and/or introduction into tidal waters of shellfish species that are not indigenous to the Chesapeake Bay and its tributaries, the Maryland coastal bays; or
 - c. Activities associated with the mining of subtidal fossil shell deposits in waters of the Chesapeake Bay and its tributaries for use as cultch for a shellfish cultivation operation.
 - d. Activities that cause interference with navigation. No work may extend into anchorage areas; customary boating channels; navigation fairways; marked, lighted, or charted channels; or State or Federal Navigation Channels.
 - e. Activities that adversely affect ingress to and egress from neighboring properties.

- f. Commercial aquaculture activities for crustaceans or finfish.
 - g. Shellfish habitat restoration activities, including shellfish seeding that are conducted to restore populations of shellfish in navigable waters of the United States. Shellfish habitat restoration activities may be authorized by another form of Department of the Army permit (e.g., Nationwide Permit #27 or individual permit).
 - h. Activity or vehicular access to the project site that have more than a minimal adverse impact on coastal or wetland vegetation.
 - i. Oyster gardening activities.
 - j. The establishment of Aquaculture Enterprise Zones or preapproved areas of the Atlantic Coastal Bays.
 - k. Activities that impound water.
 - l. Predator control devices (i.e., mesh fences, mesh nets, mesh tents) suspended or erected vertically or obliquely in the water column to surround or enclose shellfish containment gear.
 - m. Activities that use unsuitable materials for shellfish seeding (i.e., asphalt, bituminous concrete, slag, tires, wallboard, plastic, wood, metal, crushed glass, trash, and garbage).
 - n. Activities that will have more than minimal adverse effects on existing or naturally occurring beds or populations of shellfish, marine worms, or other invertebrates that could be used by man, other mammals, birds, reptiles, or predatory fish.
 - o. Activities that result in the physical destruction (e.g., through excavation, dredging, mining, fill or significant downstream sedimentation by substantial turbidity) of an important spawning/nursery habitat are not authorized by this permit.
2. **Shellfish Certification:** Shellfish introduced into tidal waters of the Chesapeake Bay and its tributaries, or in the Maryland coastal bays and their tributaries, must be certified (under Maryland standards) as being disease and parasite free.
 3. **Vertical and Horizontal Lines:** The total number of vertical and horizontal lines must be minimized to the maximum extent practicable.
 4. **Private Aids to Navigation:** If the Corps or the U.S. Coast Guard determine that private aids to navigation are required to mark the project area, the permittee must prepare and provide for United States Coast Guard (USCG) approval (address below), a Private Aids to Navigation Application (CG-2554) prior to commencement of the authorized work. The form can be found at this link: http://www.uscg.mil/forms/cg/CG_2554.pdf.

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Room 100
Portsmouth, VA. 23704-5504
Attn.: Private Aids to Navigation
Email address: CGD5Waterways@uscg.mil
Fax Number: (757) 398-6303

The permittee must provide the Corps with a copy of the USCG's approval of aids to navigation within 30 days of the date of issuance by the USCG.

- 5. Local Notice to Mariners:** Prior to the proposed project start/placement date, the permittee must provide coordinates (latitude and longitude) for all perimeter corners of the approved lease area, including minimum depth and other pertinent facility information to the USCG, and request that a Local Notice to Mariners (LNM) be issued regarding the authorized work. This written request can be done either by e-mail, letter or fax to:

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Room 100
Portsmouth, VA. 23704-5504
Attn.: LNM
Fax Number: (757) 398-6303

No authorized work may commence until this required USCG LNM has been issued by the USCG, identifying the location and schedule for commencement of the approved aquaculture work.

No authorized aquaculture work may commence until the permittee informs the Corps in writing, with the date that the USCG publishes the LNM.

- 6. Navigation Charts:** The permittee must submit a copy of the Corps permit and plans for the aquaculture operation to the National Oceanic and Atmospheric Administration (NOAA) for charting the location of the authorized operation on navigation charts. Their address is NOAA-Marine Chart Division, Nautical Data Branch-N/CS26, 1315 East West Highway-Station 7350, Silver Spring, MD 20910-3282.
- 7. Equipment Anchoring and Lease Marking:** All authorized equipment, gear, and manmade material must be securely anchored. The permittee must clearly and permanently mark all in-water structures and equipment with the permittee's name and the lease number issued by the DNR. These markings must be maintained to ensure that they are readable and visible at all times for identification purposes.

8. **Inspection of Aquaculture Operation:** The permittee must regularly inspect the condition of the structures (e.g., floats, cages, lines, anchors, etc.) associated with this aquaculture operation as authorized herein, to ensure that any structures/gear do not affect safety on the waterway or interfere with general navigation. The permittee shall recover all storm-damaged, accident-damaged, or dislodged equipment within 10 days after it is dislodged and shall either restore their location within the permitted areas as authorized or dispose of such equipment in accordance with state and local ordinances and lease agreements issued by the State of Maryland.
9. **Disposal of Structures, Gear, or Waste:** Disposal of structures, gear or waste products on-site or into waters of the United States is prohibited. All structures, gear and waste products, including dead or dying culture animals, shall be disposed of in an approved upland disposal site in accordance with any Federal, State, and local regulations

10. Reporting:

- a. The permittee must maintain accurate records and submit an annual report covering the previous year's activities to the Corps before January 31 of each year. Annual reports must be submitted to: U.S. Army Corps of Engineers, Baltimore District (ATTN: Regulatory Branch), 10 South Howard Street, Baltimore, MD 21201; the National Marine Fisheries Service, Habitat Conservation Division, Chesapeake Bay Field Office, 177 Admiral Cochrane Drive, Annapolis, MD 21403; and the National Marine Fisheries Service, Protected Resource Division, 55 Great Republic Drive, Gloucester, MA 01930 and must include the following minimum information:
 - i. Name of permittee, Corps permit number, lease number, point of contact, phone number, and email address;
 - ii. Copy of Corps authorization;
 - iii. The size of the total lease area (in acres);
 - iv. The following information must be included for each lease area:
 - 1) The location of areas within the lease area that were cultivated over the last year;
 - 2) Size of each cultivated area within the lease (in acres);
 - 3) Description of culture method(s) and harvesting method(s);
 - 4) Description of the type of material (e.g., spat-on-shell, shellfish shells, shell fragments, concrete fragments, or other approved materials) that was planted on the lease area.
 - 5) The total number of vertical, horizontal lines, buoys and other structures utilized on site.
 - 6) Identify the area in acres and the amount in cubic yards for each type of material (e.g., spat-on-shell, shellfish shells, shell fragments, concrete fragments, or other approved materials) that was planted on the lease area;
 - 7) Identify the date(s) (mm/dd/yy) that the authorized aquaculture equipment, gear, and/or suitable substrate was deployed;
 - 8) Name(s) of cultivated species;
 - 9) A statement regarding the presence or absence of submerged aquatic vegetation within the authorized lease area;

- 10) A statement regarding any entanglements or interactions with Federally protected threatened and endangered species;
- 11) A statement whether any temporary protective enclosures such as nets, etc. were used and a description of gear that was used;
- 12) Information concerning storm damage, loss of equipment and recovery, including identification of the number and type of any structure/equipment/gear that were damaged, lost and/or were not recovered;
- 13) Provide a signed statement that all perimeter markers are in place and that the work is being performed and maintained in accordance with the terms and conditions of the Corps' authorization.

11. **Abandonment:** The permittee must provide the Baltimore District with thirty (30) day advance written notification of the intent to abandon the activity authorized under this RGP. Upon abandonment of the activity authorized by this permit, all structures and equipment used to support the aquaculture operation must be completely removed from the waterway and the entire area restored to pre-construction conditions to the satisfaction of the Baltimore District.

12. If the project does not have a prior authorization from the Corps in effect as of March 17, 2017, the prospective permittee must submit a pre-construction notification (PCN). The Joint State/Federal Application for a Commercial Shellfish Aquaculture Lease and Federal Permit (Joint Application) shall serve as the PCN.

The application is located at: <http://dnr2.maryland.gov/fisheries/Documents/Commercial-Shellfish-Lease-Application.pdf>.

The instructions are located at:

<http://dnr2.maryland.gov/fisheries/Documents/Shellfish-Lease-Application-Instructions.pdf>

The Maryland Department of Natural Resources will forward the Joint Application to the Corps. Alternatively, the applicant may submit the application directly to the Corps. The Corps' review period shall commence with the receipt of a completed PCN at the Corps District Office.

13. In addition to the information required by NWP 48 and regional condition 32a, the PCN must include:

- i. A copy of the lease or permit issued by the appropriate state government agency if a lease or permit has been issued at the time of PCN submittal;
- ii. Legible project vicinity map (black line on white background), to scale, and depicting the footprint of project area relative to prominent land/water geographic features, including approximate latitude/longitude coordinates of the project footprint;

- iii. Legible overview plans (black line on white background), to scale (100':1", or 50':1"), depicting the entire project footprint and adjacent waters overlaid on composite mapping of the 5 most recent years of submerged aquatic vegetation (SAV) data (derived from the Virginia Institute of Marine Science (VIMS) aerial surveys), and showing local water depths (bathymetry) of the project area, and other important ecological features of the site (e.g., native tidal marsh) that may be affected by project activities.
- iv. Detailed project description, with the following information:
 - a) Description of proposed activities, including site preparation, ~~and~~ harvest activities (e.g., dredging, harrowing and dragging of bottom substrate, tonging), and a description of how structures and vertical and horizontal lines would be arranged throughout the project area, spacing of rows and spacing between structures;
 - b) Types of aquaculture gear to be used, including anchoring devices, maximum number of vertical and horizontal lines, and buoys;
 - c) Acreage of project footprint affecting bottom and water column;
 - d) Impacts (temporary and/or permanent) to aquatic areas required for access to the aquaculture facility/gear, and remedial measures proposed to restore temporarily affected aquatic areas;
 - e) Substrate type of bottom affected by proposed activities (particularly for on-bottom activities).
- v. Cross-sectional view of proposed aquaculture structures and all associated apparatus that represents the proposed operations of the activity (on-bottom, suspended, or floating).
- vi. If the applicant proposes work in waters adjacent to property owned by others, the applicant must provide proof of notification to adjacent property owners via certified mail, return receipt requested. In addition, the applicant may include any statement of no objection or comments from the adjacent property owner(s).
- vii. The PCN must include details that clearly identify how adverse effects to navigation and/or ingress to and egress from neighboring properties has been avoided.

Nationwide Permit 49 Coal Remining Activities

1. The pre-construction notification to the District Engineer shall include detailed site development, mining, and reclamation plans (as required by other regulatory agencies) for any proposed activity.

Nationwide Permit 50 Underground Coal Mining Activities

Permit Specific Regional Conditions –

1. The pre-construction notification to the District Engineer shall include detailed site development, mining, and reclamation plans (as required by other regulatory agencies) for any proposed activity.

Nationwide Permit 51 Land-Based Renewable Energy Generation Facilities

Permit Specific Regional Conditions –

1. This NWP does not authorize the construction of in-stream ponds or stormwater management facilities.
2. For the installation of utility lines, the following applies:
 - a. Utility lines installed below the plane of ordinary high water of any stream or waterway shall be constructed under dry conditions, using stream diversions other than earthen cofferdams, unless it is demonstrated to the satisfaction of the District Engineer to be impracticable.
 - b. The utility line should make a direct or perpendicular crossing of a stream. Directional drilling is the preferred method of installation when possible, especially in tidal waters.
 - c. Where a utility line is constructed parallel to a stream corridor, an undisturbed buffer shall be established between the utility line and the waterway to avoid or minimize potential future impacts to waters of the United States. These potential impacts would include such issues as sewer line leaks or failures, future stream channel meandering, stream bank instability and failure, and right-of-way maintenance. Measures designed to satisfy this condition must be described in any PCN to the District Engineer.
 - d. The top of any buried cable, encasement, or pipeline shall be located a minimum of three feet below the existing bottom elevation of the streambed and shall be backfilled with suitable heavy material to the preconstruction bottom elevation. Where the cable, encasement, or pipeline is placed on bedrock, a minimum depth of one foot, from the lowest point in the natural contour of the streambed, shall be

maintained. A minimum vertical clearance of ten feet shall be maintained from the top of any cable, encasement, utility, or pipeline below the authorized depth of an authorized Federal navigation channel, except in the Delaware River, where the minimum vertical clearance shall be six feet. For Federal navigational channels, where the utility line is placed on bedrock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained.

- e. Clay plugs, impervious membranes, or other state of the art methods shall be placed in trenches to reduce drainage through the backfill material. Photodocumentation of clay plugs or impervious material at each crossing must be included with the submission of the “self-certification form.”

3. The PCN shall include the following:

- a. For all submerged utility lines across navigable waters of the United States, the PCN shall include a location map and cross-sectional view showing the utility line crossing from bank to bank. In addition, the location and depth of any Federal Project Channel shall be shown in relation to the proposed utility line.
- b. The PCN shall include a map of the entire project corridor/overall project area including a delineation of all wetlands and waters of the United States within the corridor and overall project area.
- c. The PCN shall include information regarding how the selection of the alignment avoids and minimizes impacts to aquatic resources to the maximum extent practicable. The utility line should make a direct or perpendicular crossing of a stream. Directional drilling is the preferred method of installation when possible, especially in tidal waters.
- d. The PCN for aerial transmission lines over navigable waters must include the nominal system voltage and the additional clearance above low steel for bridges, if available, or above maximum high water elevation.

4. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

Nationwide Permit 52 Water-Based Renewable Energy Generation Pilot Projects

Permit Specific Regional Conditions –

1. This NWP does not authorize the construction of in-stream ponds or stormwater management facilities.
2. For the installation of utility lines, the following applies:
 - a. Utility lines installed below the plane of ordinary high water of any stream or waterway shall be constructed under dry conditions, using stream diversions other than earthen cofferdams, unless it is demonstrated to the satisfaction of the District Engineer to be impracticable.
 - b. The utility line should make a direct or perpendicular crossing of a stream. Directional drilling is the preferred method of installation when possible, especially in tidal waters.
 - c. Where a utility line is constructed parallel to a stream corridor, an undisturbed buffer shall be established between the utility line and the waterway to avoid or minimize potential future impacts to waters of the United States. These potential impacts would include such issues as sewer line leaks or failures, future stream channel meandering, stream bank instability and failure, and right-of-way maintenance. Measures designed to satisfy this condition must be described in any PCN to the District Engineer.
 - d. The top of any buried cable, encasement, or pipeline shall be located a minimum of three feet below the existing bottom elevation of the streambed and shall be backfilled with suitable heavy material to the preconstruction bottom elevation. Where the cable, encasement, or pipeline is placed on bedrock, a minimum depth of one foot from the lowest point in the natural contour of the streambed shall be maintained. A minimum vertical clearance of ten feet shall be maintained from the top of any cable, encasement, utility, or pipeline below the authorized depth of a Federal navigation channel, except in the Delaware River, where the minimum vertical clearance shall be six feet. For Federal navigational channels, where the utility line is placed on bedrock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained.
 - e. Clay plugs, impervious membranes, or other state of the art methods shall be placed in trenches to reduce drainage through the backfill material. Photodocumentation of clay plugs or impervious material at each crossing must be included with the “self-certification form.”
3. The PCN shall include the following:

- a. For all submerged utility lines across navigable waters of the United States, the PCN shall include a location map and cross-sectional view showing the utility line crossing from bank to bank. In addition, the location and depth of the Federal Project Channel shall be shown in relation to the proposed utility line.
 - b. The PCN shall include a map of the entire project corridor/overall project area including a delineation of all wetlands and waters of the United States within the corridor and overall project area.
 - c. The PCN shall include information regarding how the selection of the alignment avoids and minimizes impacts to aquatic resources to the maximum extent practicable. The utility line should make a direct or perpendicular crossing of a stream. Directional drilling is the preferred method of installation when possible, especially in tidal waters.
 - d. The PCN for aerial transmission lines over navigable waters must include the nominal system voltage and the additional clearance above low steel for bridges, if available, or above maximum high water elevation.
4. The Corps shall provide a copy of the required PCN to NMFS for individual EFH consultation and coordination pursuant to the Magnuson Stevens Act.
 5. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7350, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

II. Nationwide Permit General Regional Conditions

Note: To qualify for NWP authorization, the prospective permittee must comply with the following regional general conditions, as applicable, in addition to any nationwide permit specific regional conditions identified above in Section I, the general conditions found in the proposed 2017 NWPs published in the *Federal Register* on June 1, 2016 (81 FR 35186), and any case-specific conditions imposed by the Corps.

Nationwide Permit General Condition #2 Aquatic Life Movement

Regional General Condition 2a - The permittee shall apply any appropriate time-of-year restrictions to protect the aquatic resources present within the project area and downstream of the project site.

Nationwide Permit General Condition #17 Tribal Rights

Within the Baltimore District's geographic area of review, no application reviewed by the District is considered complete until completion of tribal coordination. The prospective permittee of an application reviewed by the Baltimore District shall not begin the activity until notified in writing by the District Engineer that the activity may proceed under the nationwide permit with any special conditions imposed, if applicable.

Nationwide Permit General Condition #18 Endangered Species

Regional Condition 18b - Interactions with National Marine Fisheries Service Federally Threatened or Endangered Species (Applicable to the District of Columbia and Maryland):

Any interaction between a sea turtle or any species listed now or in the future under Federal law as a threatened or endangered species ("listed species") (e.g., North Atlantic right whale, humpback whale, shortnose sturgeon) and the vessels associated with the project must be reported to the National Marine Fisheries Service as follows: (1) If the animal appears alive and uninjured (i.e., breathing normally, no visible wounds, movement uninhibited), the permittee or its representative must report the incident to the National Marine Fisheries Service Northeast Region Marine Mammal and Sea Turtle Stranding and Entanglement Hotline at (866) 755-6622 within 24 hours of returning from the trip on which they made the discovery; (2) If the animal requires assistance, the call to the hotline must be made immediately; (3) If the animal appears to be injured (i.e. bleeding, gasping for air, etc.) or dead, the permittee or its representative must also immediately call the hotline so the appropriate rehabilitation or stranding network representative can be contacted. The applicant shall also notify the Corps of all correspondence and coordination with the National Marine Fisheries Service within two calendar days.

Additional information about any Federally threatened or endangered species may be obtained from the attached fact sheet or online at:

http://www.nero.noaa.gov/prot_res/stranding/SpeciesOverview.html and at:

http://www.nero.noaa.gov/prot_res/esp/. An interaction is defined as an entanglement or capture of a listed species or a strike/direct contact between vessels or equipment used for the project and a listed species.

Regional Condition 18c - Vessel Buffer (Applicable to the District of Columbia and Maryland):

When listed species are sighted, vessels must attempt to maintain a distance of 50 yards (150 feet) or greater between the animal and the vessel whenever possible. State and Federal regulations prohibit approaching a right whale within a 500 yard (1,500 foot) buffer zone. Any vessel finding itself within the 500 yard (1,500 foot) buffer zone created by a surfacing right whale must depart immediately at a safe, slow speed. If other listed species are detected, vessels will reduce their speeds to 10 knots or to the maximum extent practicable to ensure human safety. If listed species are sighted off of a moving dredge, intentional approaches

within 100 yards (300 feet) of the animal must be avoided. Vessels must reduce speeds to 4 knots or the lowest speed practicable to ensure human safety. Any interactions must be reported to the National Marine Fisheries Service.

Regional Condition 18d - Best Management Practices Applicable Within Tidal Waters of the Chesapeake Bay in Maryland and the District of Columbia having Salinity Levels Less Than 6 Parts Per Thousand (ppt):

1. **Pile Driving:** For the protection of listed species, pile driving methods must maintain noise level thresholds not to exceed 187dB sound exposure level (SEL) re 1 μ Pa or 206dB peak re 1 μ Pa at a distance of >10m from the pile being installed; and levels >155dB peak re 1 μ Pa must not exceed 12 consecutive hours on any given day and a 12 hour recovery period (i.e., in-water noise levels below 155dB peak re 1 μ Pa) must be provided between work days. Pile driving construction must adhere to one of the following methods: (a) piles must be installed in-the-dry during low water; (b) piles must be drilled and pinned to ledge; (c) vibratory hammers must be used to install any size and quantity of wood, concrete, or steel pilings; (d) impact hammers must be limited to one hammer and <50 piles installed per day with the following: (1) wood piles of any size; (2) concrete piles <18-inches diameter; (3) steel piles <12-inch diameter if the hammer is <3,000 pounds and a wood cushion is used between the hammer and steel pile; or (e) approved pile driving methods that will allow noise level thresholds to be met.
2. **Sediment Disturbing Activities Time-of-Year Restriction:** Within all tidal waters of the Chesapeake Bay and its tidal tributaries in Maryland, sediment disturbing activities with salinity levels <6 ppt, which includes pile driving activities, are prohibited during the period April 1 through June 30 for the protection of shortnose sturgeon and early life stages in these waters.

Nationwide Permit General Condition #32 Pre-Construction Notification

The following regional general conditions are incorporated as part of the terms and conditions of NWP General Condition 32, *Pre-Construction Notification*. These regional general conditions are applicable to all NWPs where a PCN is submitted to the district engineer. This includes the following: (a) those NWPs requiring notification to the district engineer pursuant to the NWP general conditions 18, 22 and 32, (b) those NWPs requiring notification to the district engineer pursuant to a regional condition, and (c) any other pre-constriction notifications to the district engineer where an applicant has requested verification of an NWP authorization. Those NWPs that require a PCN include NWPs 1*, 2*, 3*, 4*, 5*, 6*, 7, 8, 9*, 10*, 11, 12, 13*, 14*, 15*, 16*, 17, 18, 19, 20*, 21, 22*, 23, 24*, 25*, 27, 28, 29, 30, 31, 32*, 33, 34, 35, 36*, 37*, 38, 39, 40, 41, 42, 43*, 44, 45, 46, 48*, 49, 50, 51, 52, A, and B.

**These NWP activities require notification under certain circumstances. Review the NWP authorization, general conditions 18, 22 & 32, and the regional conditions to identify these circumstances.*

Regional General Conditions 32a

1. A PCN shall be submitted the Baltimore District Corps of Engineers for proposed construction and modification of docks, piers, and other structures that will occur along and/or within 150 feet of the horizontal limits of a federally authorized channel within the Baltimore District Civil Works Boundary <http://www.nab.usace.army.mil/Navigation/DepthRpts.htm#017>. In addition, a PCN is required for the replacement of previously authorized, currently serviceable structures located along federally authorized channels that are destroyed by an act of nature or sudden event. All proposed work shall comply with the most current version of the Baltimore District's setback guidance on the Baltimore District Regulatory website at: <http://www.nab.usace.army.mil/Portals/63/docs/Regulatory/Pubs/spn11-17.pdf>
2. All pre-construction notifications (PCNs) to the District Engineer shall be completed using the established Corps of Engineers permit application procedures for that locality (see <http://www.nab.usace.army.mil/Missions/Regulatory/PermitTypesandProcess.aspx>). The PCN shall include all activities that the applicant plans to undertake that are reasonably related to the same project. All PCNs to the District Engineer shall include the following information, where applicable, in addition to the information specified in the nationwide permit conditions, including General Condition 32:
 - a) Plan(s) of the proposed work on 8-1/2 by 11 inch paper which includes a location map; longitude and latitude; and plan view drawings clearly depicting the location, size, and dimensions of the proposed activity as well as the location of the delineated waters and wetlands, for the entire project area. The drawings shall contain the amount (in cubic yards) and the area (square feet) of dredged and/or fill material to be discharged in Corps jurisdiction, including both permanent and temporary structures. Plans should depict all proposed work, including areas proposed for filling, grading, excavation, drainage, and/or inundation. All drawings shall include the ordinary high water mark, or if in tidal waters, the mean high water mark and high tide line; existing water depths; cross-sectional plan; depth of any structure(s) below mean low water; height of any structure(s) above mean high water; the maximum distance that the structure(s) or fill will extend channelward of the existing shoreline; the width of the waterway at the project site; the location of any dredged material disposal area; the distance from the edge of any federal navigation channel and the location of any temporary work; structures, vessels, or fills required for construction; a copy of any previous Federal or State approvals; and the location and nature of any submerged aquatic vegetation (e.g., eel grass, *Zostera marina*). In the Baltimore District, the applicant may refer to the Virginia Institute of Marine Science aerial surveys for obtaining such information. <http://web.vims.edu/bio/sav/index.html> The applicant should also refer to other reliable sources to comply with this condition.

- b) The PCN shall include a wetland and stream delineation for the entire project area, including latitude and longitude, identified on a scaled plan of the project site. All existing or proposed work in aquatic resources shall be identified on the same-scaled plan. Further, at the discretion of the District Engineer, the Corps may determine that a PCN is incomplete if it is determined that field verification of the wetland and/or stream delineation is required.
 - c) Numbered and dated pre-project color photographs showing all aquatic resources proposed to be impacted on the project site. The compass angle and position of each photograph shall be documented on the plan view drawing.
 - d) Evidence that the prospective permittee has already contacted and received a response from the National Marine Fisheries Service and/or the U.S. Fish and Wildlife Service concerning any Federally listed Threatened and Endangered Species that may be affected by the proposed activity
 - e) Evidence that the prospective permittee has already contacted and received a response from the State Historic Preservation Office concerning historic properties that may be affected by the proposed activity.
 - f) Documentation from the appropriate State agency indicating whether the proposed project is located within a State Natural Heritage site, Outstanding National Resource Water, or National Estuarine Research Reserve. For further information, reference NWP general condition 22.
 - g) A written statement describing the following:
 - i. what measures have been taken to avoid impacts to aquatic resources;
 - ii. what measures have been taken to minimize unavoidable impacts to aquatic resources;
 - iii. what measures have been developed to compensate for the loss of aquatic resources. Where compensatory mitigation is required, approval of a mitigation plan (complete with the 12 fundamental components of a compensatory mitigation plan, as identified in 33 CFR 332.4/40 CFR 230.92.4 (c)) is required prior to initiating any authorized work.
3. When a PCN is required, the Corps review period shall commence with the receipt of a complete permit application at the Corps District Office. The prospective permittee shall not begin the activity until notified in writing by the District Engineer (normally within 60 days) that the activity may proceed under the nationwide permit with any special conditions imposed, if applicable.

4. Where required by the regional conditions of the NWP, the prospective permittee must submit a PCN to the District Engineer for any activity that may adversely affect Essential Fish Habitat within the District of Columbia and Maryland. The District Engineer will immediately provide (e.g., via email, facsimile transmission, or other expeditious manner) a copy of the PCN, including project description, site location map, project plans, and any ancillary information relevant to the National Marine Fisheries Service's jurisdiction for an Essential Fish Habitat assessment, or where appropriate, an individual Essential Fish Habitat consultation and coordination. The National Marine Fisheries Service Chesapeake Bay Office shall then have a 30 day review and comment period from the date of their receipt of the EFH assessment, as provided by the Magnuson-Stevens Act.

5. Any requests to waive the 300 linear foot limitation for the intermittent and ephemeral streams for NWPs 12, 21, 29, 39, 40, 42, 43, 44, 50, 51, 52, and B or to waive the 500 linear foot limitation along the bank for NWP 13, or to waive the 20 foot width limitation for NWP 36, must include:
 - a) A narrative description of the stream. This should include known information on: volume and duration of flow; the approximate length, width, and depth of the waterbody and characteristics observed associated with the Ordinary High Water Mark (e.g., bed and bank, wrack line, or scour marks); a description of the adjacent vegetation community, including a statement as to if the area is upland or wetland; surrounding land use; water quality; issues related to cumulative impacts in the watershed, and; any other relevant information.
 - b) An analysis of the proposed impacts to the waterbody in accordance with General Condition 32.
 - c) Measures taken to avoid and minimize losses, including other methods of constructing the proposed project; and
 - d) A mitigation plan describing how the unavoidable losses are proposed to be compensated (complete with the 12 fundamental components of a compensatory mitigation plan, as identified in 33 CFR 332.4/40 CFR 230.92.4 (c)).

6. Any compensatory mitigation required by special conditions of the NWP verification shall be completed before or concurrent with commencement of construction of the authorized activity, except when specifically determined to be impracticable by the Corps. When compensatory mitigation involves use of a mitigation bank or in-lieu-fee program, the special conditions of the permit must identify the specific mitigation bank or in-lieu-fee program used to provide the required compensatory mitigation and the number and resource type of credits the permittee is required to secure. Proof of payment to the approved mitigation bank or in-lieu-fee program shall be submitted to the appropriate Corps district prior to commencement of construction of the authorized activity. The amount of required compensatory mitigation must be, to the extent practicable, sufficient

to replace lost aquatic resource functions and services. A watershed approach to compensatory mitigation that considers the importance of landscape position and resource type of compensatory mitigation projects for the sustainability of aquatic resource functions within the watershed should be used.

Nationwide Permit General Condition for Aerial Transmission Lines Across Navigable Waters

- 1 The following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These clearances are related to the clearances over the navigable channel provided by existing fixed bridges, or the clearances which would be required by the United States Coast Guard for new fixed bridges, in the vicinity of the proposed aerial transmission line. These clearances are based on the low point of the line under conditions producing the greatest sag, taking into consideration temperature, load, wind, length of span, and type of supports as outlined in the National Electrical Safety Code:

Nominal System Voltage (kV)	Minimum additional clearance (ft.) above clearance required for bridges
115 and below	20
138	22
161	24
230	26
350	30
500	35
700	42
750-765	45

- a. The PCN for aerial transmission lines over navigable waters must include the nominal system voltage and the additional clearance above low steel for bridges, if available, or above maximum high water elevation;
- b. Corps of Engineer regulation ER 1110-2-4401 prescribes minimum vertical clearances for power communication lines over Corps lake projects. In instances where both this regional condition and ER 1110-2-4401 apply, the greater minimum clearance is required; and
- c. Clearances for communication lines, stream gaging cables, ferry cables, and other aerial crossings must be a minimum of ten feet above clearances required for bridges, unless specifically authorized otherwise by the District Engineer.

2. Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

SPECIAL NOTES:

1. Where the Commonwealth, State or the District of Columbia (District) has denied 401 WQC and/or not concurred with the Corps' CZM consistency determination for a NWP authorization, the prospective permittee should contact the Commonwealth/State/District to obtain an activity specific review and approval by the Commonwealth/State/District prior to submitting any required pre-construction notification (PCN) to the Corps of Engineers.