DEPARTMENT OF THE ARMY

PHILADELPHIA DISTRICT CORPS OF ENGINEERS
WANAMAKER BUILDING, 100 PENN SQUARE EAST
PHILADELPHIA, PENNSYLVANIA 19107-3390

REPLY TO
ATTENTION OF

JAN 27 2012

RECEIVED
Design
1/30/12

Regulatory Branch
Application Section II

SUBJECT: CENAP-OP-R-2012-0032-57 (PASPGP-4)
PADEP #: GP114611302
Project Name: PADOT 6-0 SR 0152 Section MLN
Limekiln Pike Bridge Restoration

Mr. Charles Davies, P.E.
Assistant District Engineer, Design
Pennsylvania Department of Transportation, Engineering District 6-0
7000 Geerdes Boulevard
King of Prussia, Pennsylvania 19406-1525

Dear Mr. Davies:

Reference is made to the application submitted on February 22, 2011 and found to be federally complete on November 30, 2011. The proposed work is the repair and rehabilitation of an existing 43 by 27 foot two-span stone arch bridge carrying SR 0152 over Little Neshaminy Creek and an unnamed tributary to that stream. The work includes repair of the arch foundations and the placement of R-8 rock scour protection along the piers, abutments and wingwalls, reconstruction of the spandrel walls and a portion of the wingwalls, removal of the deck and fill and replacement with flowable fill, installation of relief slabs in the superstructure, repair of the guiderails and approaches, masonry repointing, the placement of temporary fills for access and construction, the placement of temporary cofferdams and dewatering structures, and the placement of erosion and sediment pollution control structures. Temporary dewatering is authorized with total impacts not to exceed 0.24 acre in waterbodies or wetlands. The work is located just east of the intersection of SR 0152 and Lower State Road (T-363) in Horsham and Montgomery Townships, Montgomery County.

You are hereby authorized by the U.S. Army Corps of Engineers to conduct the above referenced work under the authority of the enclosed Pennsylvania State Programmatic General Permit (PASPGP-4) (Enclosure 1). Please note that you must conduct the authorized work in accordance with the requirements and conditions of the PASPGP-4 and the following special conditions:

Special Conditions:

1. All work done in association with the above noted project shall be conducted in accordance with the project plans identified as:

a. "Montgomery County S.R. 0152 Sec. MLN Segment 0230 Offset 2127 S.R. 0152 STA. 16+52.00 over Little Neshaminy Creek Stone Masonry Arch Bridge Rehabilitation Type, Size & Location", one sheet, scaled as noted, undated and unrevised; received by this office as an electronic copy on March 9, 2011; prepared by Traffic Planning and Design, Inc., Pottstown, PA for the Pennsylvania Department of Transportation, Engineering District 6-0, King of Prussia, PA; and,

b. "Erosion and Sediment Pollution Control Plan"; ten sheets, scaled as noted, dated December 29, 2010, unrevised; received by this office as an electronic copy on March 9, 2011; prepared by Traffic Planning and Design, Inc., Pottstown, PA for the Pennsylvania Department of Transportation, Engineering District 6-0, King of Prussia, PA; and,

c. Areas within the Corps Permit Area as shown on a plan entitled:"Wetland Location Map"; two sheets, scale 1"=25', dated January 23, 2007, unrevised, prepared by Traffic Planning and Design, Inc., Pottstown, PA for the Pennsylvania Department of Transportation, Engineering District 6-0, King of Prussia, PA.

The stated purpose of the project is repair and rehabilitation of a masonry arch bridge on the state highway system.

2. Construction activities shall not result in the disturbance or alteration of greater than 0.24 acre of waterbodies or wetlands. Permanent impacts to waterbodies or wetlands will not exceed 0.03 acre for the placement of scour protection.

3. Any deviation in construction methodology or project design from that shown on the above noted drawings must be approved by this office, in writing, prior to performance of the work. All modifications to the above noted project plans shall be approved, in writing, by this office. No work shall be performed prior to written approval of this office.

4. This office shall be notified within 10 days of the completion of the authorized work by completing and signing the enclosed "PASPGP-4 PERMIT COMPLIANCE, SELF CERTIFICATION FORM" (Enclosure 2). All notifications required by this condition shall be in writing and shall be transmitted to this office by registered mail. Oral notifications are not acceptable. Similar notification is required each time maintenance work is to be done under the terms of this Corps of Engineers permit.

5. That the permittee is responsible for ensuring that the contractor and/or workers executing the activities authorized by this permit have knowledge of the terms and conditions of the authorization and that a copy of the permit document is at the project site throughout the period the work is underway.

6. That all reasonable and practical efforts shall be made to keep materials originating in the work area from entering waterways or wetlands where activities are not authorized by this permit. The permittee shall immediately remove any such unauthorized material originating in the project area that enters into any waterway or wetland.

7. The permittee shall ensure that all work is performed in compliance with approved Erosion and Sediment Pollution Control Practices and Plans as cited in Special Condition 1 b. Erosion and sediment control measures shall be in place prior to the onset of earth moving or filling activities to ensure that material does not erode into waterbodies or wetlands, beyond the limits of those areas to be impacted as identified on the approved project plan as cited in Special Condition 1. The erosion and sediment control measures shall remain in place until construction is completed and the disturbed areas have been stabilized.

8. That the permittee shall ensure that all work performed on the bridge shall conform to the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings.

In addition, a preliminary jurisdictional determination (JD) is included with this authorization. This preliminary determination identifies the location(s) of waters and wetlands that may be waters of the United States for the subject site. This preliminary jurisdictional determination is non-binding and indicates that there may be waters of the United States, including wetlands, on the parcel. Enclosed is a copy of the Preliminary Jurisdictional Determination Form signed by the applicant or agent agreeing to accept a preliminary jurisdictional determination (Enclosure 3). Preliminary JDs are advisory in nature and may not be appealed (See attached Notification of Appeal Form (Enclosure 4) and 33 C.F.R. 331.2.); however, the applicant retains the right to request an approved Jurisdictional Determination, which may be appealed, for the site.

For purposes of computation of impacts, compensatory mitigation requirements, and other resource protection measures, a permit decision was made based on the preliminary JD. All waters and wetlands on the site that may be affected in any way by the permitted activity were treated as though they were jurisdictional waters of the United States. The above cited plan depicts the location of waters and wetlands on the subject property.

This determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are U.S. Department of Agriculture (USDA) program participants, or anticipate participating in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

This preliminary jurisdictional determination is valid for a period of five (5) years. This preliminary jurisdictional determination is issued in accordance with current Federal regulations and is based upon the existing site conditions and information provided by you in your application. This office reserves the right to reevaluate and modify the preliminary jurisdictional determination at any time should existing site conditions or Federal regulations change, or should the information provided by you prove to be false, incomplete, or inaccurate.

If you should have any questions regarding this matter, please contact Kevin Dougherty of this office at (215) 656-5733 or write to the above address.

Sincerely,

for Samuel L. Reynolds
Frank J. Cianfrani
Chief, Regulatory Branch

Enclosures

PENNSYLVANIA STATE PROGRAMMATIC GENERAL PERMIT – 4
(PASPGP-4)
July 1, 2011
CENAP-OP-R-2012-0032

Please note: the full text of the PASPGP-4 may be viewed on the Baltimore District web site at http://www.nab.usace.army.mil/Wetlands%20Permits/ or by calling the Corps at 814-235-0570

Applicant: Pennsylvania Department of Transportation, Engineering District 6-0
State Authorization(s): GP114611302

Corps District:

☒ **Philadelphia**
U.S. Army Corps of Engineers,
Philadelphia District
Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390

☐ **Baltimore**
U.S. Army Corps of Engineers,
Baltimore District
Regulatory Branch
1631 South Atherton Street
Suite 101
State College, PA 16801-6260

☐ **Pittsburgh**
U.S. Army Corps of Engineers,
Pittsburgh District
Regulatory Branch
Federal Building, 20th floor
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

It has been determined that your proposed project, which includes the discharge of dredged and/or fill material and/or the placement of structures into waters of the United States, including wetlands, qualifies for Federal authorization under the provisions of Section 404 of the Clean Water Act and /or Section 10 of the River and Harbor Act of 1899, under the terms and conditions of the PASPGP-4.

All activities authorized under PASPGP-4 must comply with all conditions of the authorization, including General, Procedural, and Special Conditions. Failure to comply with all the conditions of the authorization, including project special conditions, will constitute a permit violation and may be subject to criminal, civil, or administrative penalties, and /or restoration.

The authorized activity must be performed in compliance with the following General Conditions to be authorized under PASPGP-4:

General Conditions:

1. **Permit Conditions:** The permittee shall comply with all terms and conditions set forth in the PADEP authorization for use of this permit, including all conditions of Section 401 Water Quality Certification, and any subsequent amendment or modification to such authorization. The permittee shall conduct all work and activities in strict compliance with all approved maps, plans, profiles, and specifications used by PADEP and/or the Corps as the basis for its authorization or subsequent modification of authorization.

2. **Aquatic Life Movements:** No activity may substantially disrupt the movement of those species of aquatic life indigenous to the waterbody, including those species which normally migrate through the area, unless the activity's primary purpose is to impound water. Culverts placed in streams must be appropriately depressed to maintain aquatic life movement and low flow conditions.

3. **Threatened and Endangered Species:** If an activity is authorized under the PASPGP-4, and a Federally listed threatened or endangered species, or proposed species or critical habitat, is subsequently found to be present, all work must cease, and the Corps and USFWS (or NMFS) must be notified. The PASPGP-4 verification is suspended and will not be re-issued until consultation pursuant to Section 7 of the ESA is concluded and adverse effects to Federally listed threatened, endangered, and proposed species and critical habitat are avoided.

Furthermore, persons have an independent responsibility under Section 9 of ESA to not engage in any activity that could result in the "take" of a Federally listed species.

4. **Spawning Areas:** The permittee shall comply with all time-of-year restrictions as set forth by the PFBC or other designated agency. Discharges or structures in spawning or nursery areas shall not occur during spawning seasons, unless written approval is obtained by the PFBC or other designated agency. In addition, work in areas used for other time sensitive life span activities of fish and wildlife (such as hibernation or migration) may necessitate the use of seasonal restrictions for avoidance of adverse impacts to vulnerable species. Impacts to these areas shall be avoided or minimized to the maximum extent practicable during all other times of the year.

5. **Waterfowl Breeding and Wintering Areas:** Activities including discharges of dredged or fill material or the placement of structures in breeding and wintering areas of migratory waterfowl must be avoided to the maximum extent practicable.

6. **Shellfish Production:** No discharge of dredged or fill material and/or the placement of structures may occur in areas of concentrated shellfish production, unless the discharge is directly related to an authorized shellfish harvesting activity.

7. **Adverse Effects From Impoundments:** If the activity, including the discharge of dredged or fill material or the placement of a structure, creates an impoundment of water, the adverse effects on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow, including impacts to wetlands, shall be minimized to the maximum extent practicable.

8. **Obstruction of High Flows**: To the maximum extent practicable, the activity must be designed to maintain pre-construction downstream flow conditions (i.e., location, capacity, and flow rates). Furthermore, the activity must not permanently restrict or impede the passage of normal or expected high flows (unless the primary purpose of the fill is to impound waters), and the structure or discharge of dredged and/or fill material shall be designed to withstand expected high flows.

9. **Erosion and Sediment Controls:** During construction, appropriate erosion and siltation controls must be used and maintained in effective operating condition in accordance with State regulations. All exposed soil and other fill material must be permanently stabilized.

10. **Suitable Material:** No activity, including discharges of dredged and/or fill material or the placement of structures, may consist of unsuitable material (i.e., asphalt, trash, debris, car bodies, etc.). No material discharged shall contain toxic pollutants in amounts that would violate the effluent limitation standards of § 307 of the CWA.

11. **Temporary Fill:** Temporary fill in waters and wetlands authorized by the PASPGP-4 (i.e., access roads and cofferdams) shall be properly constructed and stabilized during use to prevent erosion and accretion. Temporary fill in wetlands shall be placed on geotextile fabric laid on existing wetland grade. Whenever possible, rubber or wooden mats should be used for equipment access through wetlands to the project area. Temporary fills shall be removed, in their entirety, to an upland site, and suitably contained to prevent erosion and transport to a waterway or wetland. Temporary fill areas shall be restored to their preconstruction contours, elevations, and hydrology and revegetated with non-invasive, native species.

12. **Equipment Working in Wetlands:** Measures must be taken to minimize soil disturbance when heavy equipment is used in wetland areas. These measures include, but are not limited to, avoiding the use of such equipment, use of timber mats or geotextile fabric, and the use of low pressure tire vehicles.

13. **Installation and Maintenance:** Any structure or fill authorized shall be properly installed and maintained to ensure public safety.

14. **PASPGP-4 Verification:**

    a. The PASPGP-4 expires June 30, 2016, unless suspended or revoked.

b. Activities authorized under a project specific PASPGP-4 expire June 30, 2016, unless suspended, revoked, or the PADEP authorization expires, whichever date occurs sooner. Activities authorized under the project specific PASPGP-4 that have commenced construction or are under contract to commence construction will remain authorized provided the activity is completed within 12 months of the date of the PASPGP-4's expiration, modification, or revocation; or until the expiration date of the project specific verification, whichever is sooner.

15. **One-Time Use:** A PASPGP-4 authorization is valid to construct the project, or perform the activity, one time only, except for PASPGP-4 authorizations specifically issued for reoccurring maintenance activities.

16. **Water Supply Intakes:** No activity, including discharges of dredged and/or fill material and/or the placement of structures, may occur in the proximity of a public water supply intake and adversely impact the public water supply.

17. **Cultural Resources:** For all activities verified under a PASPGP-4, upon the discovery of the presence of previously unknown Historic Properties (historic or archaeological), all work must cease and the permittee must notify the SHPO and the Corps of Engineers. The PASPGP-4 authorization is not valid until it is determined, through the Section 106 consultation process, whether the activity will have an effect on the Historic Property. The PASPGP-4 may be reverified and special conditions added if necessary, after an effects determination on the Historic Property is made. The PASPGP-4 authorization may be suspended and/or revoked in accordance with 33 CFR 325.7 for the specific activity if an adverse affect on the Historic Property cannot be avoided or mitigated.

18. **Tribal Rights:** No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

19. **Corps Civil Works Projects:** The PASPGP-4 does not authorize any work which will interfere with an existing or proposed Corps Civil Works project (i.e., flood control projects, dams, reservoirs, and navigation projects). The permittee understands and agrees that, if future operations by the United States require removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal, relocation, or alteration.

20. **Navigation**: No activity authorized under PASPGP-4 may cause more than a minimal adverse affect on navigation. No attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein. In addition, activities that require temporary causeways that prohibit continued navigational use of a waterway (i.e., temporary causeways extending greater than ¾ the width across the waterway) shall be removed in their entirety upon completion of their use. Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

21. **Inspections:** The permittee shall allow a District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to ensure that the work is being performed in accordance with all the terms and conditions of the
PASPGP-4. The District Engineer may also require post-construction engineering drawings (as-built plans) for completed work.

22. **PASPGP-4 Permit Compliance Self Certification Form:** A Self Certification Form, regarding the PASPGP-4 authorized work and required mitigation, will be forwarded to each permittee with the PASPGP-4 verification. Every permittee, who receives a written PASPGP-4 verification, shall submit the signed Self Certification Form upon completion of the authorized work and required mitigation. The completed form shall be returned to the appropriate Corps District.

23. **Permit Modifications:** Any proposed modification of the authorized overall project that results in a change in the authorized impact to, or use of waters of the United States, including jurisdictional wetlands, must be approved by PADEP. Corps approval is also required if the overall project had been previously reviewed by the Corps as a Category III activity, or the proposed modification causes the overall project impacts to exceed 1.0 acre of waters of the United States, including jurisdictional wetlands, or 250 linear feet of streams, rivers, other watercourses and open water areas. Project modifications that cause the overall project impacts to exceed 1.0 acre of waters of the United States, including wetlands, may not be eligible for PASPGP-4 and will be forwarded to the Corps for review.

24. **Recorded Conservation Instruments:** As per Part IV.A.26 and Part IV.B.4 and Part IV.C.8 of this permit, proposed Draft Conservation Instruments may be submitted by the applicant as part of the permit application package for review and approval. **When such proposed Conservation Instruments are submitted by the applicant, verification of the recorded deed restriction, conservation easement, or deed restricted open space area shall be forwarded to the appropriate Corps District and appropriate PADEP offices, prior to the initiation of any permitted work.**

25. **Property Rights:** This PASPGP-4 does not convey any property rights, either in real estate or material, or any exclusive privileges; nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations.

26. **Navigable Waters of the United States (Section 10 Waters):** In addition to the conditions referenced above, the following conditions are applicable for navigable waters of the United States eligible for the PASPGP-4. The PASPGP-4 may be used to authorize work in the following navigable waters of the United States:

a. Codorus Creek – from the confluence with the Susquehanna River 11.4 miles upstream to the Indian Rock Dam in York, Pennsylvania;

b. Main Stem Susquehanna River – from the confluence with the Chesapeake Bay upstream to Athens, Pennsylvania (approximately 4 miles south from the New York State line);

c. West Branch of the Susquehanna River – from the confluence with the main stem Susquehanna River upstream to the dam at Lock Haven, Pennsylvania;

d. Chester Creek – from the confluence with the Delaware River 2 miles upstream;

e. Crum Creek – from the confluence with the Delaware River 1 mile upstream to the upstream side of the dam at Eddystone;

f. Darby Creek – from the confluence with the Delaware River 5 miles upstream to the upstream side of 84th Street Bridge in Philadelphia;

g. Delaware River – from the Morrisville-Trenton Railroad Bridge in Morrisville, Pennsylvania, including the West Branch of the Delaware River, upstream to the Pennsylvania/New York border at the 42nd parallel;

h. Lehigh River – from the confluence with the Delaware River 72 miles upstream to the downstream side of PA Route 940 Bridge;

i. Neshaminy Creek – from the confluence with the Delaware River, including the Neshaminy State Park Harbor Project at the mouth of Neshaminy creek, 4 miles upstream to the downstream side of the Newportville Bridge;

j. Pennypack Creek – from the confluence with the Delaware River 2 miles upstream to the downstream side of Frankford Avenue Bridge in Philadelphia;

k. Ridley Creek – from the confluence with the Delaware River 1 mile upstream to the upstream side of the Baltimore and Ohio Railroad Bridge in Chester, Pennsylvania;

l. Schuylkill River – from the Fairmont Dam, 104 miles upstream to Port Carbon, Pennsylvania; and

m. Schuylkill Navigation Channel (Manayunk Canal) – along the Schuylkill River for two miles from the Flat Rock Dam to Lock Street in the Manayunk Section of Philadelphia, Pennsylvania.

27. **For Aerial Transmission Lines Across Navigable Waters:**

a. 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

i. Clearances for communication lines, stream gauging 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.

ii. 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 regulation and ER 1110-2-4401 apply, the greater minimum clearance is required.

b. **Encasement:** The top of the 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 in rock, 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 eight feet

between the top of the cable, encasement, or pipeline and the authorized depth of the navigation channel. For maintained navigational channels, where the utility line is placed in rock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained.

c. **As-built drawings**: 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.

d. **Aids to Navigation:** The permittee must prepare and provide for United States Coast Guard (USCG) approval, a Private Aids To Navigation Application (CG-2554). The form can be found at: http://www.uscg.mil/forms/cg/CG_2554.pdf. Within 30 days of the date of receipt of the USCG approval, the permittee must provide a copy to the applicable Corps District

By Authority of the Secretary of the Army:

David E. Anderson
Colonel, Corps of Engineers
District Engineer, Baltimore

Philip M. Secrist, III
Lieutenant Colonel, Corps of Engineers
District Engineer, Philadelphia

William H. Graham
Colonel, Corps of Engineers
District Engineer, Pittsburgh

PASPGP-4 PERMIT COMPLIANCE, SELF-CERTIFICATION FORM

Project Name:	PADOT 6-0 SR 0152 Section MLN Limekiln Pike Bridge Restoration	Applicant Name:	Pennsylvania Department of Transportation, Engineering District 6-0
PADEP Permit No:	GP114611302	Date of Issuance:	February 24, 2011
Corps Permit Number:	CENAP-OP-R-2012-0032	Date of Issuance:	
Waterway:	Little Neshaminy Creek	County:	Montgomery

In accordance with the compliance certification condition of your PASPGP-4 authorization, you are required to complete and sign this certification form and return it to the appropriate Corps of Engineers District in which the work is located.

☒ U.S. Army Corps of Engineers
Philadelphia District
Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390

☐ U.S. Army Corps of Engineers
Baltimore District
1631 South Atherton Street
Suite 101
State College, PA 16801-6260

☐ U.S. Army Corps of Engineers
Pittsburgh District
Regulatory Branch
Federal Building, 20th Floor
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Please note that the permitted activity is subject to compliance inspections by U.S. Army Corps of Engineers representatives. As a condition of this permit, failure to return this notification form, provide the required information below, or to perform the authorized work in compliance with the permit, can result in suspension, modification or revocation of your authorization in accordance with 33 CFR Part 325.7 and/or administrative, civil, and/or criminal penalties, in accordance with 33 CFR part 326.

Please provide the following information:

1. Date authorized work commenced: _____

2. Date authorized work completed: _____

3. Was all work, including any required mitigation, completed in accordance with your PASPGP-4 authorization?
   ☐ YES ☐ NO

4. Explain any deviations (use additional sheets if necessary)

   _____

   _____

5. Was mitigation accomplished through an approved in-lieu fee program?
   ☐ YES ☒ NO (if **YES** please provide documentation, if **NO** complete Nos. 6 and 7 below).

6. Wetland Mitigation: Required? ☐ YES ☒ NO Required Completion Date _____
   Completed? ☐ YES ☐ NO Mitigation Monitoring Reports Required? ☐ Yes ☐ No

7. Attach labeled photographs showing completed work including mitigation area(s) **(not required for PADEPGP's/Waivers)**

I hereby certify that, except as noted above, that all work, including mitigation, has been completed in accordance with the terms and conditions, including special conditions of the above referenced permit

Applicants Signature:	*Consultant/Agents Signature:*
Address:	*Address:*
Telephone:	*Telephone:*
Email:	*Email:*

ENCLOSURE 2

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): JAN 27 2012

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:
Pennsylvania Department of Transportation, Engineering District 6-0
7000 Geerdes Boulevard, King of Prussia, PA

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: CENAP-OP-R-2012-0032
PADOT 6-0 SR 0152 Section MLN Limekiln Pike Bridge Restoration

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:
(USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE WATERBODIES AT DIFFERENT SITES)

State: Pennsylvania County: Montgomery City: Horsham and Montgomery Townships

Center coordinates of site (lat/long in degree decimal format):
Lat. 40.237716° N, Long. -75.191379° W
Universal Transverse Mercator: 483721 m Easting (x) 4454160 m Northing (y)

Name of nearest waterbody: Little Neshaminy Creek and UNT to same

Identify (estimate) amount of waters in the review area:
Non-wetland waters: 250 linear feet: 45 width (ft) and/or 0.38 acre.
Cowardin Class: Riverine
Stream Flow: Perennial
Wetlands: 0 acre.
Cowardin Class:

Name of any water bodies on the site that have been identified as Section 10 waters:
Tidal: None
Non-Tidal: None

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☐ Office (Desk) Determination. Date:
☒ Field Determination. Date(s): April 5, 2011

1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable.
This preliminary JD finds that there *"may be"* waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA: **Data reviewed for preliminary JD** (check all that apply - checked items should be included in case file and, where checked and requested, appropriately reference sources below):

☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Areas within the Corps Permit Area as shown on a plan entitled: "Wetland Location Map"; two sheets, scale 1"=25', dated January 23, 2007, unrevised, prepared by Traffic Planning and Design, Inc., Pottstown, PA for the Pennsylvania Department of Transportation, Engineering District 6-0, King of Prussia, PA.

☒ Data sheets prepared/submitted by or on behalf of the applicant/consultant.
☒ Office concurs with data sheets/delineation report. "Wetland Identification and Delineation, SR 0152, Section MLN, Bridge Replacement/Rehabilitation", December 10, 2008, prepared by Traffic Planning and Design, Inc., Pottstown, PA for the Pennsylvania Department of Transportation, Engineering District 6-0, King of Prussia, PA.
☐ Office does not concur with data sheets/delineation report.

☒ Data sheets prepared by the Corps: .

☐ Corps navigable waters' study: .

☐ U.S. Geological Survey Hydrologic Atlas: .
☐ USGS NHD data.
☐ USGS 8 and 12 digit HUC maps.

☒ U.S. Geological Survey map(s). Cite scale & quad name: 1:24000 Ambler, PA.

☒ USDA Natural Resources Conservation Service Soil Survey. Citation: Soil Survey for Philadelphia and Bucks Counties, PA (1974) Sheet 25

☐ National wetlands inventory map(s). Cite name: .

☐ State/Local wetland inventory map(s): .

☒ FEMA/FIRM maps: 42091C0277 E and 42017C0377 F.

☒ 100-year Floodplain Elevation is: 290 (estimated from FEMA data) (North American Vertical Datum of 1988)

☒ Photographs: ☒ Aerial (Name & Date): GoogleEarth digital August 29, 2010 and April 14, 2005.
☒ Other (Name & Date): Site Photographs April 5, 2011

☐ Previous determination(s). File no. and date of response letter: .

☐ Other information (please specify): .

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

Samuel Reynolds 1/26/12
Signature and date of Regulatory Project Manager (REQUIRED)

Dave Fischer, Assistant Environmental Manager
Digitally signed by Dave Fischer, Assistant Environmental Manager DN: cn=Dave Fischer, Assistant Environmental Manager, o=PennDOT 6-0, ou=Environmental Unit, email=davfischer@pa.gov, c=US Date: 2012.01.17 17:06:23 -05'00'
Signature and date of person requesting preliminary JD (REQUIRED, unless obtaining the signature is impracticable)

Site number	Latitude	Longitude	Cowardin Class	Estimated amount of aquatic resource in review area	Class of aquatic resource
1 **2012-0032** **Little Neshaminy Creek**	40.23771	-75.19135	R3UB	0.31 acre	Non-Section 10, Non-Wetland
2 **2012-0032** **UNT 1 to Little Neshaminy Creek**	40.23798	-75.19109	R3UB	0.07 acre	Non-Section 10, Non-Wetland
3					
4					
5					
6					
7					
8					
9					
10					

Applicant: Pennsylvania Department of Transportation, Engineering District 6-0	File Number: CENAP-OP-R-2012-0032	Date: JAN 27 2012

Attached is:		See Section below
☐	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
☐	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
☐	PERMIT DENIAL	C
☐	APPROVED JURISDICTIONAL DETERMINATION	D
☒	PRELIMINARY JURISDICTIONAL DETERMINATION	E

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the Philadelphia District Engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations (JD) associated with the permit.

- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the Philadelphia District Engineer. Your objections must be received by the Philadelphia District Engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the Philadelphia District Engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the Philadelphia District Engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the Philadelphia District Engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Philadelphia District Engineer.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Philadelphia District Engineer.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Philadelphia District Engineer.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

If you have questions regarding this decision and/or the appeal process you may contact: Kevin W. Dougherty U.S. Army Corps of Engineers, Philadelphia District ATTN: CENAP-OP-R Wanamaker Building, 100 Penn Square East Philadelphia, PA 19107-3390 Telephone: (215) 656-5733 Email: Kevin.W.Dougherty@usace.army.mil	If you only have questions regarding the appeal process you may also contact: Mr. Michael G. Vissichelli Administrative Appeals Review Officer North Atlantic Division, Corps of Engineers Fort Hamilton Military Community Bldg. 301, General Lee Avenue Brooklyn, NY 11252-6700 Telephone: (718) 765-7163 Email: Michael.G.Vissichelli@usace.army.mil

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

_____ Signature of appellant or agent.	Date:	Telephone number:

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHEAST REGIONAL OFFICE

FEB 24 2011

Mr. Charles H. Davies
Assistant District Executive/Design
Pennsylvania Department of
Transportation, District No. 6
700 Geerdes Boulevard
King of Prussia, PA 19406-1525

Re: General Permit Acknowledgment
Limekiln Pike over Little Neshaminy Creek
Project
DEP General Permit File No. GP114611302
Horsham Township
Montgomery County

Dear Mr. Davies:

This will acknowledge receipt of your General Permit Registration No. GP114611302 (copy enclosed) and registers your use of a General Permit. You are responsible for assuring the work is done in accordance with the drawings and conditions contained in the General Permit. You may proceed with your project after making the required notifications stipulated in the General Permit and securing all other approvals that may be necessary.

The Department has determined that this project is a **Category III Activity** under the terms of the Pennsylvania State Programmatic General Permit (PASPGP-3). By copy of this letter, we are forwarding the information you submitted to the U.S. Army Corps of Engineers for their review. We encourage you to contact the U.S. Army Corps of Engineers at the Philadelphia District at 215.656.6728 regarding federal authorization.

Before performing any work, you are required to secure all other approvals that may be necessary under other federal, state, or local regulations and notify the Pennsylvania Fish and Boat Commission in accordance with the General Permit. Also, you are required to develop an Erosion and Sediment Control Plan and notify your county conservation district prior to performing any earthmoving activities. No earthwork may start until you receive an "adequate" review letter from the conservation district.

FEB 24 2011

If you have any questions, please call me at 484.250.5168.

Sincerely,

Daniel O. Mensah, M.S.E., MSWREE
Project Manager
Dams and Waterways Section
Watershed Management

Enclosures

cc: PA Fish & Boat Commission, Southeast Regional Office
U.S. Army Corps of Engineers, Philadelphia District
Horsham Township
Montgomery County Conservation District
Mr. Hickson, P.E. - Traffic Planning and Design, Inc.
Mr. Vlot, DEP
Mr. Mensah, DEP
Ms. Nucci, DEP
Re 30 (joh11wtsd)053-11

3930-PM-WM0511 Rev. 12/2006

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT

GENERAL PERMIT
BWM-GP-11
MAINTENANCE, TESTING, REPAIR, REHABILITATION, OR REPLACEMENT OF WATER OBSTRUCTIONS AND ENCROACHMENTS

1. **GENERAL DESCRIPTION AND FEES** – In accordance with the following registration requirements and the standard general permit conditions, the Department of Environmental Protection hereby authorizes by General Permit the maintenance, testing, repair, rehabilitation or replacement of existing currently serviceable, water obstructions or encroachments, including bridges and culverts owned by railroad companies. Minor deviations in the structure's configuration or filled area including those due to changes in materials, construction techniques, current construction codes or safety standards which are necessary to repair, modify or replace the water obstruction or encroachment are permitted, provided the environmental impacts resulting from such repair, modification or replacement are minimal, those minimal impacts fall within the terms and conditions of this General Permit, and there is no adverse impact on public health and safety. There is no registration fee required for a project authorized under this General Permit.

2. **DAMS –** This General Permit may not be used for the maintenance, repair, modification, removal, or replacement of dams.

3. **DENIAL OF AUTHORIZATION** – The Department shall have the discretion, on a case-by-case basis, to deny, revoke or suspend the authorization to use this general permit for any project which the Department determines to have a significant adverse impact and would not adequately protect public health, safety or the environment or otherwise could not be adequately regulated by the provisions of this general permit.

4. **AUTHORITY AND CONTINUING AUTHORIZATION** – Authorization of this General Permit is under Section 7 of the Dam Safety and Encroachments Act (32 P.S. §§693.1-693.27) and the rules and regulations promulgated thereunder at 25 Pa. Code §§105.441-105.449 (relating to General Permits). This General Permit becomes effective August 10, 2004 and will remain in effect unless specifically modified, suspended, or revoked by the Department.

5. **NOTIFICATION OF PROPOSED USE OF GENERAL PERMIT –** Prior to the activity, the owner(s) shall submit the "Registration Form" along with the required attachments to the appropriate DEP Regional Office's Permitting and Technical Services Section (see exhibit B). The Department may require additional information necessary to determine that the proposed maintenance complies with the terms and conditions of this General Permit. A copy of the "Registration Form" shall also be sent to the municipality and county in which the work will be performed. **The owner may <u>not</u> begin work until he has received the acknowledged "Registration Form" from the Department.**

6. **DEFINITIONS** – The terms as used in this General Permit shall have the following meanings:

   ALONG – Touching or contiguous; to be in contact with; to abut upon.

   APPURTENANT WORKS – Structures or materials incident to water obstructions or encroachments which are built or maintained in connection with the water obstruction or encroachment and essential to their proper maintenance, function, operation and stability.

   BODY OF WATER – Any natural or artificial lake, pond, reservoir, swamp, marsh or wetland.

   DEPARTMENT – The Department of Environmental Protection.

   EARTH DISTURBANCE – Any construction or other human activity which disturbs the surface of the land including, but not limited to clearing and grubbing, grading, excavations, embankments, land development, subdivision development, mineral extraction and the moving, depositing or storing of soil, rock or earth. This includes any excavation or fill within a stream channel.

EROSION AND SEDIMENT CONTROL PLAN – A plan which is designed to minimize accelerated erosion and sediment developed in accordance with the requirements of 25 Pa. Code Chapter 102.

ENCROACHMENT – A structure or activity which changes, expands or diminishes the course, current or cross section of a watercourse, floodway or body of water.

FLOODWAY – The channel of the watercourse and portions of the adjoining floodplains which are reasonably required to carry and discharge the 100-year frequency flood. Unless otherwise specified, the boundary of the floodway is as indicated on maps and flood insurance studies provided by the Federal Emergency Management Agency (FEMA). In an area where no FEMA maps or studies have defined the boundary of the 100-year frequency floodway, it is assumed, absent evidence to the contrary, that the floodway extends from the stream to 50 feet from the top of the bank of the stream.

OWNER – A person who owns, controls, operates, maintains, or manages a reservoir, water obstruction or encroachment.

REGULATED WATER OF THIS COMMONWEALTH – Watercourses, streams or bodies of water and their floodways wholly or partly within or forming part of the boundary of this Commonwealth.

STOCKED TROUT STREAMS – Regulated waters of this Commonwealth classified by the Pennsylvania Fish and Boat Commission as waters approved for trout stocking. Steam classification shall be verified by contacting the Pennsylvania Fish and Boat Commission's Division of Fisheries Management (see Exhibit A).

STREAM – A watercourse.

STREAM ENCLOSURE – A bridge, culvert or other structure in excess of 100 feet in length upstream to downstream which encloses a regulated water of this Commonwealth.

SUBMERGED LANDS OF THIS COMMONWEALTH – Waters and permanently or periodically inundated lands owned by the Commonwealth, including lands in the beds of navigable lakes and rivers and beds of streams declared public highways which are owned and held in trust by the Commonwealth.

TESTING – A procedure (internal or external to the structure) used as a means of analysis or diagnosis.

WATERCOURSE – A channel or conveyance of surface water having defined bed and banks, whether natural or artificial, with perennial or intermittent flow.

WATER OBSTRUCTION – A dike, bridge, culvert, wall, wingwall, fill, pier, wharf, embankment, abutment or other structure located in, along or across or projecting into a watercourse, floodway or body of water. In the case of ponds, lakes and reservoirs, a water obstruction is considered to be in or along the body of water if, at normal pool elevation, the water obstruction is either in the water or adjacent to and abutting the water's edge.

WATERWAY OPENING – The cross-sectional area of a structure that is available to convey stream flow. This area is expressed in terms of span multiplied by underclearance.

WETLANDS – Areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs and similar areas.

WILD TROUT STREAMS – A stream classified as supporting naturally reproducing trout populations by the Fish and Boat Commission. For a list of wild trout streams, the Fish and Boat Commission can be contacted at: Fish and Boat Commission, Bureau of Fisheries, Division of Fisheries Management, 450 Robinson Lane, Bellefonte, Pennsylvania 16823-9620.

7. **SPECIAL CONDITIONS**

A. Activities conducted under GP-11 authorization must protect and maintain water quality of waters of the Commonwealth in accordance with 25 Pa. Code Chapter 93. Projects located in High Quality/Exceptional Value (HQ/EV) waters must utilize cost effective and reasonable best management practices for non point source control.

B. No new stream relocation, stream enclosure or stream channel is authorized by this General Permit.

C. No stream realignments are permitted except for those incidental activities immediately adjacent to the upstream and downstream waterway opening of bridges and culverts that are necessary to support the structure.

D. All projects must be designed and constructed to protect or enhance existing aquatic habitat.

E. Wetlands must be identified in accordance with the 1987 U.S. Army Corps of Engineers Manual for Identifying and Delineating Wetlands and properly flagged or otherwise identified on the site to ensure they are protected. Impacts to wetland and other waters of the Commonwealth must be avoided or minimized to the maximum extent practicable at the project site. Wetland areas which cannot be avoided and which will be temporarily impacted during the maintenance activity must be identified on the plan and be stabilized and restored to original contours and grade at the conclusion of the activity. Wetland areas which cannot be avoided and which will be permanently impacted are limited to a cumulative total of 0.05 acres per project site.

F. Utilization of General Permit BDWM-GP-8, Temporary Road Crossing - Temporary road crossings of streams and causeways that are necessary to access the project must be constructed in accordance with BDWM-GP-8. The applicant shall indicate utilization of BDWM-GP-8 on the General Permit Registration form, and provide location and dimensions of the temporary crossing on the plan drawing or sketch plan that is required for General Permit 11 Registration.

G. Paving the metal bottom pipes, arches and culverts with concrete, grouting or the use of concrete for scour protection shall be done in dry conditions.

H. Bridge or culvert maintenance, replacement projects, or upgrades to existing facilities to meet current standards are subject to the following:

- Bridge and culvert replacement for purposes of converting the existing structure to a new or differing use, e.g., converting a logging or forest road or a private access road to a residential, retail, or commercial subdivision access, is not authorized by this general permit.

- No significant reduction in existing waterway openings is permitted.

- There will be no significant changes to grades of approach roadways or to overtopping characteristics.

- Increases in culvert length are limited to a maximum of 12 feet perpendicular to the roadway on each end of the existing culvert. Appurtenant works beyond the maximum 12 feet increase on each end of the culvert, such as, but not limited to, wingwalls, headwalls, bank stabilization, and scour protection are also authorized under this general permit. The appurtenant works must be minimized and limited to the extent necessary to ensure the protection of the structure, public health and safety, and the environment.

- Increases in bridge width are limited to a maximum of 12 feet on each side of the bridge as measured from the upstream side of the bridge deck to the downstream side of the bridge deck. Appurtenant works beyond the maximum 12 feet increase on each side of the bridge deck, such as, but not limited to, wingwalls, headwalls, bank stabilization and scour protection are also authorized under this general permit. The appurtenant works must be minimized and limited to the extent necessary to ensure the protection of the structure, public health and safety and the environment.

- The removal of debris and accumulated sediment to ensure adequate hydraulic capacity for bridges or culverts is limited to 50 feet upstream and downstream of the bridge or culvert and shall be conducted in accordance with the Department's Standards for Channel Cleaning at Bridges and Culverts.

- Bridges and culverts with paved bottoms shall provide for fish passage by constructing a low flow channel.

- Bridge and culvert replacement projects may not increase water surface elevations for the 100-year flood event.

- Backfill material may not be stored in the floodway and/or wetlands.

Hydraulic capacity.

- Bridge and culvert maintenance or replacement projects shall be designed and constructed in accordance with the following criteria:

  - The structure shall pass flood flows without loss of stability.
  - The structure may not create or constitute a hazard to life or property, or both.
  - The structure may not materially alter the natural regimen of the stream.
  - The structure may not increase velocity or direct flow in a manner which results in accelerated erosion of streambeds and banks.

Multiple pipes and spans.

- Multi-culvert groups and multiple span bridges which may tend to collect debris, contribute to the formation of ice jams, and cause excessive increases in head losses shall be avoided to the maximum extent practicable. Spans of less than 15 feet shall be by single-opening structure, except where conditions make it impractical to design the crossing with a single span.

Bridge piers.

- Bridge piers shall be kept to a minimum in number and cross-sectional area and shall be designed to offer the least obstruction to the passage of water and ice, consistent with safety and current engineering practice.

- Bridge piers in channels subject to unstable or super critical flow shall require special investigation and shall be so designed as to minimize backwater and avoid standing waves downstream of the pier.

Bridge abutments.

- Bridge abutments shall be aligned with the flow of the stream for the design flood. The Department may require the construction of wingwalls on either side of the bridge to assist in directing flood flows through the bridge opening.

Culverts.

- Culverts shall be aligned with the stream flow.

- Culverts shall be of sufficient width to minimize narrowing of the stream channel.

- The ends of culverts shall be protected by wingwalls, or with other structures sufficient to assist in directing flood flows to and through the culvert opening.

- Culverts with a drainage area of 640 acres or less shall be installed with the invert a minimum of 6 inches below natural streambed and in such a manner that the average gradient of the invert shall not deviate from that of the natural streambed.

- Culverts with a drainage area of greater than 640 acres shall be installed with the invert a minimum of 12 inches below natural streambed and in such a manner that the average gradient of the invert shall not deviate from that of the natural streambed.

- The flow velocities of water discharging from culverts must not cause erosion of the downstream channel.

Professional Engineer Certification

Plans, specifications and reports for bridges and culverts across a stream which are to be used by the general public such as an access to an industrial, commercial or residential development, etc., shall be prepared by a registered professional engineer and shall be affixed with their seal and certification which shall read as follows:

> "I (name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications, and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."

I. Pipelines and utilities:

- Trenches excavated for the maintenance and replacement of utility lines shall be the minimum width necessary.
- Trenches excavated for the maintenance and replacement of utility lines shall be backfilled with suitable material, stabilized and restored to pre-existing elevation and condition.
- Construction material such as pipes, rock and bedding materials may not be stored in the floodway and/or wetlands.
- Excavated material to be used as backfill may be temporarily stored adjacent to the trench, but for no more than 72 hours.
- Trench plugs must be installed within the trench on both sides of the stream channel. In wetlands, trench plugs, must be used to prevent the trench from draining the wetland.

J. A copy of this General Permit along with the Erosion and Sediment Control Plan must be provided to all contracting and construction entities involved with the project and must be available on-site during all phases of the project.

8. **EROSION AND SEDIMENT CONTROLS** – Activities conducted under this General Permit which involve an earth disturbance must be done in compliance with Chapter 102 of the Department's Rules and Regulations (relating to Erosion Control). The Erosion and Sediment Control Plan shall be submitted with the General Permit registration, for review by the DEP Regional Office. The Erosion and Sediment Control Plan must be available at the site at all times, and all BMP's on the plan must be implemented and maintained prior to, during and after construction.

9. **SPECIES OF SPECIAL CONCERN**

A. No regulated activity is authorized under this General Permit which is likely to directly or indirectly adversely affect a State or Federal species of special concern or a species proposed for such designation, or which is likely to destroy or adversely modify the critical habitat of such a species, as identified under the Federal Endangered Species Act of 1973; Title 30, Chapter 75 of the PA Fish and Boat Code; Title 17, Chapter 25, Conservation of Wild Plants; and Title 31 Chapter 133 Game Wildlife Code.

B. Permit registrations shall include a Pennsylvania Natural Diversity Inventory (PNDI) search receipt. Activities conducted under this General Permit beyond one year of the date acknowledged will require the submission of an updated PNDI search to the DEP Regional Office. Information on PNDI searches is available through the PA Department of Conservation and Natural Resources, Bureau of Forestry, Ecological Services Section, P.O. Box 8552, Harrisburg, PA 17105-8852, telephone 717-787-3444.

Complete the Pennsylvania Natural Diversity Inventory (PNDI) Form and submit it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. This person performing the search could be someone from DEP, the County Conservation Districts, or a consultant. Alternatively, if you plan to conduct the PNDI online search yourself-a search form is not needed prior to the PNDI online search.

After conducting the PNDI online search, if your PNDI Project Environmental Review Receipt has "Potential Impacts," DEP and the jurisdictional agencies require that you submit additional information to the agencies noted on the Receipt for further review. Please send a copy of the PNDI Receipt, a completed PNDI Form, and a USGS 7.5 minute quadrangle map with project boundaries delineated on the map to the agencies referenced on your PNDI Receipt.

C. Applicants must comply with special bog turtle screening requirements. See Section H of the Registration Form.

10. **BEACH NOURISHMENT** – Sand used for beach nourishment shall be free from zebra mussels.

11. **EQUIPMENT** – Use of motorized vehicles or equipment in a watercourse, stream or body of water is limited to the minimum necessary to complete the project. Motorized vehicles or equipment working in wetlands must be placed on mats or other measures must be taken to minimize disturbance.

12. **PROPER MAINTENANCE** – Facilities and activities authorized under this General Permit must be operated and maintained to protect public health, safety and the environment.

13. **AQUATIC LIFE MOVEMENTS** – No regulated activity may substantially disrupt the movement of those species of aquatic life indigenous to the watercourse, stream or body of water, including those species which normally migrate through the area.

14. **WILD AND STOCKED TROUT WATERS** – Activities authorized by this General Permit in regulated waters of this Commonwealth are prohibited in the following streams for the specified time period unless written approval is obtained from the PA Fish and Boat Commission's Division of Environmental Services at 459 Robinson Lane, Bellefonte, PA 16823-9616 or the local DEP Regional Office. Stocked and wild trout stream locations are compiled and available through the Commission's Division of Fishery Management.

Stocked trout streams	March 1 through June 15
Wild trout streams	October 1 through December 31
Lake Erie tributaries	September 1 through April 30

15. **WATERFOWL BREEDING AREAS** – Breeding areas for migratory waterfowl must be avoided to the maximum extent practicable.

16. **HISTORICAL RESOURCES**

A. No regulated activity is authorized which will adversely impact:

- Historical, cultural or archaeological sites as identified in the latest published version of the Pennsylvania Inventory of Historic Places or the National Register of Historic Places.
- Local historical sites officially approved or recognized by a municipality.

B. Any archaeological artifacts discovered during the performance of work authorized under this General Permit must be adequately protected and their discovery promptly reported to the Bureau for Historic Preservation, Pennsylvania Historic and Museum Commission, Commonwealth Keystone Building, 400 North Street, 2nd Floor, Harrisburg, PA 17120-0093.

17. **FILL** – Fill material must be uncontaminated, nonwater-soluble, nondecomposible inert solid material and must be free of asphalt, trash, construction debris, tires, toxic pollutants and never been subject to a spill or release of a contaminated substance. Temporary fills for construction purposes (e.g. road embankments, equipment staging, cofferdams and causeways). shall consist of only clean nonwater-soluble rock material (without fine particles or small-grained materials) to prevent the introduction of sediment to water resources.

18. **REMOVAL OF TEMPORARY FILLS** – Temporary fills must be removed in their entirety, and the affected areas stabilized and returned to their pre-existing elevations.

19. **NAVIGATION** – No authorized activity shall permanently hinder commercial or recreational navigation.

20. **EFFECTIVE TIME PERIOD** – This General Permit will remain in effect indefinitely unless specifically modified, suspended or revised by the Department.

21. **SUBMERGED LANDS OF THIS COMMONWEALTH** – This General Permit shall not be effective to authorize any project over, across or occupying submerged lands of this Commonwealth until the owner has obtained a license from the Department authorizing the occupation of such submerged lands issued under Section 15 of the Dam Safety and Encroachments Act (32 P.S. §693.15), Section 514 of the Administrative Code of 1929 (71 P.S. §194), or other applicable laws. Upon receipt of notification from the owner, the Department will review the project, determine if its location is over, across or occupies submerged lands of the Commonwealth. If applicable, the Department will prepare a Submerged Lands License Agreement and forward same to the owner for execution prior to acknowledgement of registration to use the General Permit. No annual charge is required for facilities constructed, owned or operated by a Political Subdivision of the Commonwealth.

22. **USE OF EXPLOSIVES** – Prior to the use of explosives in a watercourse or body of water, the permittee shall secure a written permit from the Pennsylvania Fish and Boat Commission, under the Fish and Boat Code, Act 1980-175 Title 30 Pennsylvania Consolidated Statutes, Section 2906. Requests should be directed to the Pennsylvania Fish and Boat Commission, Division of Environmental Services (see Exhibit A).

23. **SUSPENSION, MODIFICATION OR REVOCATION** – The Department may suspend, modify or revoke this General Permit at any time upon notice in the Pennsylvania Bulletin.

24. **PROJECT INTERFERENCE** – This General Permit does not authorize any interference with any existing or proposed local, State, Federal or Federally licensed project, and permittee shall not be entitled to compensation for damage or injury to the work authorized herein which may be caused by or a result of existing or future operations undertaken by the United States or the Commonwealth of Pennsylvania or its Political Subdivisions in the public interest.

25. **INSPECTION** – As a condition of use of this General Permit, and of the owner's authority to conduct the activities authorized by this General Permit, the owner hereby authorizes and consents to allow authorized employees or agents of the Department, including the County Conservation District, without advance notice or a search warrant, at any reasonable time and upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas where the project is being constructed, operated or maintained. The authorization and consent shall include consent to conduct tests or sampling, to take photographs, to perform measurements, survey and other tests, to inspect the methods of construction, operation or maintenance, to examine and copy books, papers and records pertinent to any matter under investigation, and to take any other action necessary to assure that the project is constructed, operated or maintained in accordance with the terms and criteria of the General Permit. This General Permit condition is referenced in accordance with Section 16 of the Dam Safety and Encroachments Act, 32 P.S. §693.16, and in no way limits any other powers granted under the Dam Safety and Encroachments Act.

26. **FISH AND BOAT COMMISSION NOTIFICATION** – The owner(s) shall notify the Pennsylvania Fish and Boat Commission's Regional Field Office Manager (see "Exhibit A") responsible for the County where the activities are proposed ten (10) days prior to start of construction. Written notification is suggested. The project site shall at all times be available for inspection by authorized officers and employees of the Pennsylvania Fish and Boat Commission.

27. **ACTIVITIES NOT IN ACCORDANCE WITH THE TERMS OR CONDITIONS** – If the Department determines, upon inspection, that the construction, operation or maintenance of a project has violated the terms or criteria of this General Permit or of the Chapter 105 Rules and Regulations, the Department may take such actions, legal or administrative, that it may deem to be appropriate.

28. **STRUCTURE REMOVAL** – The owner shall remove all or any portion of the water obstruction upon written notification to the owner by the Department in the event the water obstruction is causing an adverse impact on public health, safety, or the environment, or in any other manner violates the conditions of this General Permit or Chapter 105 Rules and Regulations. The removal of railroad bridges and culverts is not subject to this condition. The removal of railroad bridges and culverts is regulated exclusively by the Federal Surface Transportation Board under the Interstate Commerce Commission Termination Act of 1995, 49 U.S.C. Sections 10501(b), 10903.

29. **PROPERTY RIGHTS** – This General Permit does not convey any property rights, either in real estate or material, or in any exclusive privileges; nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State or local laws or regulations.

30. **WATER QUALITY CERTIFICATION** – The issuance of this General Permit also constitutes approval of Water Quality Certification under Section 401 of the Federal Clean Water Act (33 U.S.C.A. §1341).

31. **OTHER PERMITS** – Nothing in this General Permit relieves the owner(s) of the obligation of complying with all Interstate Compacts, Federal, State and local laws, and regulations.

32. **SIGNATURE** – The General Permit Registration Form shall be signed by the person responsible for installation, operation and maintenance of the authorized activity.

3930-PM-WM0511A Rev. 2/2009

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

DEP USE ONLY

Acknowledged Date _____

GP _____

PASPGP-3 Authorization included:

☐ YES ☐ NO

Transfer Date _____

BWM-GP-11 GENERAL PERMIT REGISTRATION
Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments

SECTION A. APPLICANT INFORMATION			
Check One: ☐ New Permit ☐ Transfer of Existing Permit – complete Sections A, C & G and transfer form - 3930-PM-WM0016			
Existing Permit(s) Number for Project(s) with a Submerged Lands License Agreement or an annual fee (if applicable):			
Applicant Name			
Contact Person Last Name	First Name	MI	Telephone ( )
Mailing Address	City	State	Zip + 4
Email Address			
SECTION B. CONSULTANT (if applicable)			
Consultant - Last Name	First Name	MI	
Consulting Firm			
Mailing Address	City	State	Zip + 4
Telephone ( )	FAX ( )	Email	

SECTION C. INSTRUCTIONS

If you have any questions concerning whether your project qualifies for GP-11 please contact your regional office (Exhibit B).

1. Prepare a project location map using the appropriate portion of the USGS 7½ Minute Quadrangle Map or other suitable mapping with the project site(s) identified. Number each activity making sure it corresponds with the activity number found in the Project Inventory Chart (Section D1).
2. **Project Description:** Describe the project in enough detail to allow Department to determine that the proposed work complies with both the terms and environmental and engineering conditions of the General Permit. (A project can be one structure or a series of structures that are related to one another located in one county.)

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

(attach additional sheets if necessary)

3. Using the Project Inventory Chart (Section D1), list each water obstruction and/or encroachment that requires maintenance. Please fill out the row for each activity in its entirety. Please make sure the activity number corresponds with the area identified on the site location map.
4. If you are proposing a bridge or culvert replacement or the proposed work will change the waterway opening, please complete and provide the chart in Section D2. If the project consists of similar work (replacement or change in waterway opening) on more than one structure, submit the data requested in Section D2 for each structure included in this registration.
5. For bridges and culverts across a watercourse which are to be used by the general public such as an access to an industrial, commercial, or residential development, etc., plans, specifications and hydrologic and hydraulic reports shall be prepared and submitted by a registered professional engineer and shall be affixed with their seal and certification.
6. For bridge or culvert replacements, activities that reduce the size of the waterway opening, or work on a structure that poses a threat to human life or a substantial potential risk to property, plans, specifications and hydrologic and hydraulic reports shall be prepared and submitted by a registered professional engineer and shall be affixed with their seal and certification.
7. Submit 2 complete copies of the permit registration form and plans including all Erosion and Sediment Controls to the appropriate Regional Office.

SECTION D1. PROJECT INVENTORY For _____ County*								
Activity Number**	Existing Permit Number and Type of Water Obstruction (Bridge, Culvert, Utility Stream Crossing, Utility Wetland Crossing)	Activity Type (Maintenance, testing, repair, rehabilitation, or replacement)	Earth Disturbance (sq. ft.)	Name of USGS Quadrangle Map	Municipality Where Project is Located	Name of Stream	Chapter 93 Stream Designation	Special PFBC Designation (Wild Trout, Stocked Trout, Migratory Fishes)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

*For multiple structures attach additional sheets that provide the same information requested in the chart.
**The number used for a particular water obstruction from Section D1 should match the number in Section D2 for the same water obstruction.

SECTION D2. BRIDGE AND/OR CULVERT REPLACEMENT PROJECTS OR PROJECTS THAT CHANGE THE WATERWAY OPENING*										
	Bridge/Culvert Existing					Bridge/Culvert Proposed				
Activity Number**	Waterway Opening (sq. ft.) (cross section/area)	Span (ft.)	Underclearance (ft.)	Length (ft.) (upstream to downstream)	Material Type (RCP, CMP, etc.)	Waterway Opening (sq. ft.) (cross section/area)	Span (ft.)	Underclearance (ft.)	Length (ft.) (upstream to downstream)	Material Type (RCP, CMP, etc.)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										

*For multiple structures attach additional sheets that provide the same information requested in the chart.
**The number used for a particular water obstruction from Section D1 should match the number in Section D2 for the same water obstruction.

SECTION E. COMPLIANCE REVIEW

Yes No

☐ ☐ Is the applicant (owner and/or operator) currently in violation of any permits issued by the Department?

If yes, please provide:

1. Permit Number: _____
2. Nature of the violation (if any): _____
3. Status of violation (i.e., schedule for compliance, etc.): _____

SECTION F. OTHER PERMITS

Yes No

☐ ☐ Are any other Chapter 105 permits required for this project, excluding GP-8?

SECTION G. CERTIFICATION

I certify that the information provided in this permit registration is true and correct to the best of my knowledge and information.

_____ _____

Signature of Permittee (Person Responsible for Installation, Operation and Maintenance of Authorized Activity) — Date

_____

Type or Print Name

AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT AND THE EROSION AND SEDIMENT CONTROL PLAN REVIEWED BY THE DEP REGIONAL OFFICE MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.

SECTION H. REGISTRATION CHECKLIST

In order to register use of this General Permit, confirm the following:

N/A

☐ ☐ I/we have notified the Municipality and County.

☐ ☐ I/we hereby notify the Department that BDWM-GP-8, Temporary Road Crossing will also be utilized during the maintenance activity.

Please Submit:

☐ ☐ Completed Permit Registration Form.

☐ ☐ LOCATION MAP. An 8 ½" by 11" photocopy of a portion of the U.S.G.S. 7 ½ Minute Quadrangle Map or suitable mapping with the project site(s) identified.

☐ ☐ Wetland Information Data Sheets, Field Notes, or Photos of the wetland area.

☐ ☐ Engineering plan or sketch drawing that provides the necessary information.

☐ ☐ Project cross-section drawing.

☐ ☐ Completed copy of a PNDI Search Form with Search Receipt.

☐ ☐ For bridge or culvert replacements, activities that reduce the size of the waterway opening, or work on a structure that poses a threat to human life or a substantial potential risk to property, plans, specifications and hydrologic and hydraulics report shall be prepared and submitted by a registered professional engineer and shall be affixed with their seal and certification.

☐ ☐ Erosion and Sediment Control Plan for earth disturbance activities

☐ ☐ Any existing Submerged Lands License Agreements

Please submit where required:

☐ ☐ Photographs – For projects involving a waterway opening, photos upstream and downstream of the existing structure are required.

☐ ☐ Bog Turtle Habitat Screening Form (where required). This screening is required for General Permits 5, 6, 7, 8, 9, and 11 which may impact wetlands in the following counties: Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only), and York.

SECTION I1. DRAWINGS/PLANS

1) Engineering drawings prepared and sealed by a Professional Engineer are required for the following types of projects:

   a) bridge and culvert replacements
   b) activities that reduce the size of the waterway opening
   c) bridges or culverts across a watercourse which are to be used by the general public
   d) work on a structure that poses a threat to human life or a substantial potential risk to property

2) Prepared plans or sketch plans maybe submitted for activities not listed in 1 a) through d).

*Please make sure the information below is provided on all engineering plans, drawings, and other prepared plans or sketch plan required for registration.

SECTION I2. DRAWINGS/PLANS CHECKLIST

YES	N/A		YES	N/A	
☐	☐	Permanent Stream Impacts with Dimensions Total Length _____ Total sq. ft. _____	☐	☐	Stream Name _____
			☐		Chapter 93 Stream Designation _____
☐	☐	Temporary Stream Impacts	☐		Location of Property Lines Relative to the Project
☐	☐	Wetland Acreage Onsite _____	☐	☐	Existing Utilities
☐	☐	Permanent Wetland Impacts _____ sq. ft.	☐	☐	Proposed Utilities
☐	☐	Temporary Wetland _____ sq. ft.			
☐	☐	Stream Limits and Flow Direction	☐	☐	Existing Buildings, Roadways, Other Structures
☐	☐	Floodway Limits (if known)	☐	☐	Proposed Buildings, Roadways, Other Structures
☐	☐	Limits of Earth Disturbance Associated with this Activity	☐	☐	Other Waters (i.e. pond, lakes)
			☐		Please indicate North
			☐	☐	Please indicate photo locations

Use the next sheet for sketch if applicable

SKETCH PLAN
(if applicable)

_____
Applicant Name

|_____|
Scale 1" = _____ft.

_____
Applicant Name

PROJECT CROSS SECTIONS

Provide a cross section of the project if not included on the Engineering Drawings, showing the dimensions of the waterway opening, area of fill materials used, and other pertinent information necessary to accurately depict the scope of your project, and allow the Department to determine that the project complies with the terms and conditions of this General Permit.

3930-PM-WM0500A Rev. 12/2006

EXHIBIT A

OFFICES OF THE PENNSYLVANIA FISH AND BOAT COMMISSION

Headquarters Address	County Responsibility
NORTHWEST REGION	
Regional Manager 11528 Highway 98 Meadville, PA 16335-7320 814-337-0444	Butler, Clarion, Crawford, Erie, Forest, Lawrence, Mercer, Venango and Warren
SOUTHWEST REGION	
Regional Manager 236 Lake Road Somerset, PA 15501-1644 814-445-8974	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland
NORTHCENTRAL REGION	
Regional Manager P.O. Box 5306 Pleasant Gap, PA 16823 814-359-5250	Cameron, Centre, Clearfield, Clinton, Elk, Jefferson, Lycoming, McKean, Montour, Northumberland, Potter, Snyder, Tioga and Union
SOUTHCENTRAL REGION	
Regional Manager 1704 Pine Road Newville, PA 17241 717-486-7087	Adams, Bedford, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lebanon, Mifflin, Northumberland (Mahatango Creek in Jordan and Lower Mahanoy Townships only), Perry and York
SOUTHEAST REGION	
Regional Manager P.O. Box 9 Elm, PA 17521 717-626-0228	Berks, Bucks, Chester, Delaware, Lancaster, Lehigh, Montgomery, Northampton, Philadelphia and Schuylkill
NORTHEAST REGION	
Regional Manager P.O. Box 88 Sweet Valley, PA 18656 570-477-5717	Bradford, Carbon, Columbia, Lackawanna, Luzerne, Monroe, Pike, Sullivan, Susquehanna, Wayne and Wyoming

DIVISION OF ENVIRONMENTAL SERVICES
450 Robinson Lane, Bellefonte, PA 16823-9620
814-359-5147

DIVISION OF FISHERIES MANAGEMENT
450 Robinson Lane, Bellefonte PA 16823-9620
814-359-5110

EXHIBIT B
REGIONAL OFFICES OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES

Permitting and Technical Services Section	County Responsibility
Southcentral Regional Office 909 Elmerton Avenue, Second Floor Harrisburg, PA 17110 (717) 705-4707	Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry and York
Southeast Regional Office 2 East Main Street Norristown, PA 19401 (484) 250-5970	Bucks, Chester, Delaware, Montgomery and Philadelphia
Southwest Regional Office 400 Waterfront Drive Pittsburgh, PA 15222-4745 (412) 442-4000	Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland
Northwest Regional Office 230 Chestnut Street Meadville, PA 16335 (814) 332-6984	Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren
Northeast Regional Office 2 Public Square Wilkes-Barre, PA 18711-0790 (570) 826-2511	Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming
Northcentral Regional Office 208 W. Third Street, Suite 101 Williamsport, PA 17701 (570) 327-3574	Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union

Note: Registration for the use of General Permits (except General Permit 11 Registrations which must be sent to the Permitting and Technical Services Section) must be sent to the County Conservation District in those counties where the District has a delegation agreement with the Department of Environmental Protection.

U.S. ARMY CORPS OF ENGINEERS DISTRICT OFFICES		
Delaware River Basin	**Ohio River Basin Portions of Lake Erie and Genesee River Basins Located in PA**	**Susquehanna River Basin**
Philadelphia District Corps of Engineers Wanamaker Building 100 Penn Square East Philadelphia, PA 19107 Phone: 215-656-6725 Phone: 215-656-6729 (to report violations) Fax: 215-656-6724	Pittsburgh District Corps of Engineers Regulatory Branch 1000 Liberty Avenue Pittsburgh, PA 15222 Phone: 412-395-7152 Fax: 412-644-4211	Baltimore District Corps of Engineers P.O. Box 1715 Baltimore, MD 21203-1715 Phone: 814-235-0570 Fax: 814-235-0576

Pennsylvania Natural Diversity Inventory

Pennsylvania Natural Diversity Inventory

Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

Applicant Information

Name:
Address:
Phone Number: Fax Number:

Contact Person Information - if different from applicant

Name:
Address:
Phone Number: Fax Number:

Project Information

Project Name:
Project Location:
Municipality: County:
☐ Attach a copy of a U.S.G.S. 7 ½ Minute Quadrangle Map with Project Boundaries clearly marked. U.S.G.S. Quad Name:

Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

Total Acres of Property: Acreage to be Impacted:

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes ☐ No ☐
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project?
   Yes ☐ Feet No ☐
3. Are wetlands located in or within 300 feet of the project area? Yes ☐ No ☐ If No, is this the result of a wetland delineation?

If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

Dept. of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market St., PO Box 8552
Harrisburg, PA 17105
fax: 717-772-0271

PA Fish and Boat Commission
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823
fax 814-359-5175

PA Game Commission
Bureau of Land Management
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
fax: 717-787-6957

US Fish and Wildlife Service
Endangered Species Biologist
315 South Allen St., Suite 322
State College, PA 16801
no faxes please

How to Use the PNDI Project Planning & Environmental Review Form

How do I access the PNDI Environmental Review Tool?

Visit www.naturalheritage.state.pa.us. Click on "PNDI Project Planning and Environmental Review" on the bottom left corner of the homepage to access the tool. Follow this link to access the ER Tool and for step-by-step instructions on using the ER Tool, FAQ's and access to an electronic version of the PNDI Form.

When do I use this form?

1. ***Before conducting the PNDI online search***

The Applicant can complete the PNDI Form and submit it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. This person performing the search could be someone from DEP, the County Conservation Districts, or a consultant. Alternatively, if the Applicant plans to conduct the PNDI online search his or herself—a search form is not needed prior to the PNDI online search.

2. ***After conducting the PNDI online search***

If your PNDI Project Environmental Review Receipt has "Potential Impacts," DEP and the jurisdictional agencies require that you submit additional information to the agencies noted on the Receipt for further review. Please send a copy of the PNDI Receipt, a completed PNDI Form, and a USGS 7.5 minute quadrangle map with project boundaries delineated on the map to the agencies referenced on your PNDI Receipt.

3. ***If your Project is a "Large Project"***— too large/long to search on the online system

Projects are considered "Large Projects" when the ENTIRE project is:

- Linear/Large Projects that exceed map limits: approximately 2-2.84 miles depending on browser size
- Projects that will not fit on 1:24,000 scale map. Project Maximums: 1024 x 768 browsers: 2625 acres; 15,000 feet long x 7600 feet wide; approximately 2.84 miles 800 x 600 browsers: 1050 acres; 11,000 feet long x 4000 feet wide; approximately 2 miles
- Township-wide, Countywide or Statewide Projects. Examples: Act 537 Sewage Plans, Wind Farms, Roadway Improvements exceeding map limits above.

For "Large Project" review, please forward a completed PNDI Form and a USGS 7.5 minute quadrangle with project boundaries and quad name marked on the map to DCNR, PFBC, PGC, and USFWS (contact information on page 1 of form). Due to system limitations and agency requirements, projects should not be submitted piecemeal. The entire project area including roads and infrastructure should be submitted as a single unit.

PNDI Form Definitions

Applicant: Person that owns the property or is proposing the project or activity

Contact Person: Person to receive response if different than applicant (e.g. Consultant)

Project Name: Descriptive title of project (e.g. Twin Pines Subdivision, Miller Bridge Replacement)

Project Location: Description of actual location (e.g. Intersection of Smith and Clay Rd., Latitude & Longitude)

Proposed Activity: Include ALL earth disturbance activities for project (e.g. for a timber sale—include stream crossings, cutting areas and new roadway accesses). Also include Current Conditions (e.g. housing, farmland, current land cover), and how Construction/Maintenance Activity is to be accomplished

Total Acres of Property: Entire site acreage (e.g. timber sale property—including road access (200 acres)

Acreage to be Impacted: Disturbance acreage (e.g. timber sale—if the property is 200 acres, but only 100 acres will be disturbed, for example: cutting on 90 acres, a road impacting 10 acres); include all temporary and permanent activities

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATERSHED MANAGEMENT
WATER OBSTRUCTION AND ENCROACHMENT

Bog Turtle Habitat Screening

U.S. Army Corps of Engineers/Department of Environmental Protection State Programmatic General Permit/Water Obstruction and Encroachment General Permit

Federal/State Screening Process for Bog Turtles (*Glyptemys muhlenbergii*) and/or their habitat in Adams, Berks, Bucks, Carbon (Aquashicola Creek Watershed only), Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Creek Watershed only), and York Counties.

In 1974 the Pennsylvania Fish and Boat Commission, under Section 2305 of the Fish and Boat Code, listed the bog turtle as an endangered species, and in 1997 the U.S. Fish and Wildlife Service, under the Endangered Species Act of 1973, listed the bog turtle as a threatened species. Poaching and loss of habitat are two primary reasons for the decline in turtle populations throughout the Mid-Atlantic Region.

The 4-inch bog turtle's preferred wetland habitat is spring seeps and open marshy meadows in the valleys of southcentral and eastern Pennsylvania. Here the water is slow moving and the earth is mucky. Mucky soils provide cover for the turtles in spring and summer. October through April, the turtles use the same mucky soils as a place to hibernate. Plants common to these wetland areas include cattails, rushes, jewelweed, skunk cabbage, sedges, and sphagnum moss.

In order to provide continued protection for the turtle and to minimize conflicts during project development and permitting, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service and PA Department of Environmental Protection have developed a screening process to identify potential bog turtle habitat. Representatives of these agencies will provide on-site technical assistance to determine if proposed projects may impact wetlands which serve as bog turtle habitat.

This special screening process is only required for those activities which will impact wetlands in the counties or watersheds listed above. If your proposed activity does not impact wetlands in these counties, you may proceed with the registration of the general permit without this screening process.

INSTRUCTIONS

If your proposed project includes a **wetland impact** in one of the fifteen counties listed above, follow the steps below prior to submitting the General Permit Registration form.

1. Using the primary contact list on the next page, identify the primary contact for your county where the wetland impact will take place.
2. Complete the attached form to provide driving directions, a project description, and a sketch or a plan detailing the proposed project. In addition, include a copy of a USGS quadrangle showing your project location, the agencies will be able to conduct a threatened and endangered species review for your project prior to the site visit which may also expedite your permit registration process. Submit this information by fax or mail to the primary contact to request a field view to screen for potential bog turtle habitat.
3. The agency representative will contact you to schedule an on-site assessment of the wetlands for bog turtle habitat. They will complete the bog turtle habitat screening form, sign it, and explain the results to you. You do not have to be present during the field view.
4. If it is determined that the project area (which includes the direct and indirect impact area) does not contain potential bog turtle habitat, submit the completed bog turtle habitat screening form provided to you along with the remainder of the information required by the general permit registration package, including the General Permit Registration form, to the appropriate Regional Office or Delegated County Conservation District for processing.

5. If it is determined that the project area (which includes the direct and indirect impact area) is potential bog turtle habitat, the agency representative will discuss your options with you. These may include moving the project to an alternate location, contacting a professional bog turtle surveyor, or consulting with the U.S. Fish and Wildlife Service. Neither a state general permit nor a federal State Programmatic General Permit can be registered without the U.S. Fish and Wildlife Service clearing the potential bog turtle conflict.

6. If you cannot avoid the impacts to bog turtle habitat, an Individual Chapter 105 and Section 404 Permit Application will be required for processing, public notice, and review. An application does not guarantee permit approval.

7. If you have any questions specific to this process, please contact the appropriate agency representative for your county.

PRIMARY CONTACT LIST BY COUNTY

Adams, Cumberland Counties

Debby Nizer
U. S. Army Corps of Engineers
Baltimore Dist., Regulatory Branch, PA Section
P. O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-6085
Fax: 410-962-6024

Berks (Baltimore District), York Counties

Mike Danko
U. S. Army Corps of Engineers
Carlisle Regulatory Field Office
401 Louther Street, Suite 205
Carlisle, PA 17013
Phone: 717-249-8730
Fax: 717-240-0523

Berks (Philadelphia District), Bucks, Chester (Philadelphia District), Delaware, Montgomery Counties

Bill Jenkins, Chief, Applications Section
U. S. Army Corps of Engineers
Philadelphia Dist., Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
Phone: 215-656-6726
Fax: 215-656-6724

Chester (Baltimore District), Lancaster, Lebanon Counties

Pat Strong
U. S. Army Corps of Engineers
Baltimore Dist., Regulatory Branch, PA Section
P. O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-1847
Fax: 410-962-6024

Carbon (Aquashicola Creek Watershed only), Lehigh, Northampton, Schuylkill (Swatara Creek Watershed only) Counties

Bonnie Dershem
U.S. Fish and Wildlife Service
315 South Allen St., Suite 322
State College, PA 16801
Phone: 814-234-4090, ext. 234
Fax: 814-234-0748

Monroe County

Victor Motts
Monroe County Conservation District
8050 Running Valley Road
Stroudsburg, PA 18360-8841
Phone: 570-629-3060
Fax: 570-629-3063

If you have more general questions or need information on permitting, please contact the appropriate DEP Regional Office listed below.

DEP
Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711-0790
570-826-2511

Carbon (Aquashicola Creek Watershed only), Lehigh, Monroe, and Northampton, and Schuylkill (Swatara Creek Watershed only) Counties

DEP
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110
717-705-4707

Adams, Berks, Cumberland, Lancaster, Lebanon, and York Counties

DEP
Southeast Regional Office
2 East Main Street
Norristown, PA 19401
484-250-5940

Bucks, Chester, Delaware, and Montgomery Counties

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SPECIAL BOG TURTLE HABITAT SCREENING

U. S. ARMY CORPS OF ENGINEERS/DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE PROGRAMMATIC GENERAL PERMIT/WATER OBSTRUCTION AND ENCROACHMENT GENERAL PERMIT

APPLICANT INFORMATION

Applicant Name _____

Mailing Address _____ Telephone (___) _____

City _____ State _____ ZIP+4 _____

Email Address _____

PROJECT DESCRIPTION

Project Name _____

County _____ Municipality _____

Latitude _____ Longitude _____

Which general permit(s) are you planning to register? GP-5 ☐ GP-6 ☐ GP-7 ☐ GP-8 ☐ GP-9 ☐ GP-11 ☐

Detailed Written Directions to Project _____

_____

_____

_____

Briefly Describe Your Project _____

_____

_____

_____

SIGNATURE

I hereby grant permission for representatives of the U. S. Army Corps of Engineers or other authorized screening representative to inspect the project site as necessary in order to perform the requested habitat determination.

_____ _____

Signature Date

On the reverse side of this page, prepare a sketch showing your project, the wetlands, and all proposed impacts.

_____
Applicant Name

BOG TURTLE HABITAT - SKETCH PLAN

To ensure the sketch plan is complete, include the following on the site plan in the immediate vicinity of the project.
(√ all that apply)

YES	N/A		YES	N/A	
☐	☐	Stream Impacts with Dimensions Total Length _____ Total sq. ft. _____	☐	☐	Stream Name _____
			☐	☐	Chapter 93 Stream Designation _____
☐	☐	Wetland Impacts Total _____ sq. ft.	☐	☐	Location of Property Lines Relative to the Project
			☐	☐	Existing Utilities
☐	☐	Wetland Acreage Onsite _____	☐	☐	Proposed Utilities
☐	☐	Stream Limits and Flow Direction	☐	☐	Existing Buildings, Roadways, Other Structures
☐	☐	Floodway Limits (if known)	☐	☐	Proposed Buildings, Roadways, Other Structures
☐	☐	Limits of Earth Disturbance Associated with this Activity	☐	☐	Other Waters (i.e. pond, lakes)

|_____|
Scale 1" = _____ ft.

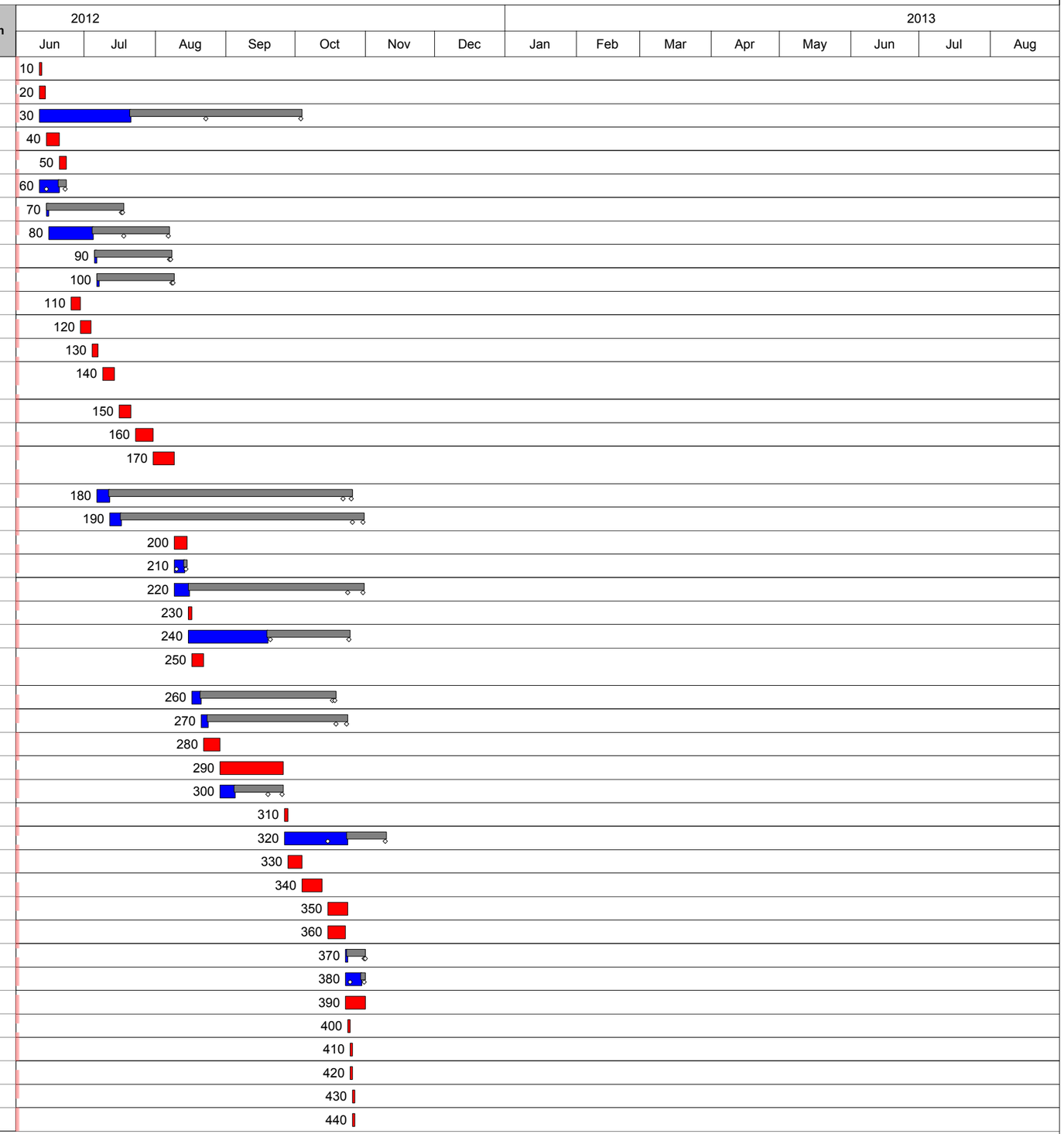
Project Manager: M. Hickson
Project Start: 06/11/2012
Project Finish: 11/16/2012

Cr PENNDOT EDMS Tuesday, May 22, 2012 9:23:10 AM

PennDOT District 6-0

Limekiln Pike pre-construction 06-11-12

Activity ID	Activity Desc.	Duration	Total Float	Early Start	Late Start	Early Finish	Late Finish
10	Notice To Proceed	0	0	06/11/12	06/11/12	06/11/12	06/11/12
20	Mobilization	3d	0	06/11/12	06/11/12	06/13/12	06/13/12
30	Order & Deliver Material	30d	53d	06/11/12	08/23/12	07/20/12	10/03/12
40	Place TCP Items	4d	0	06/14/12	06/14/12	06/19/12	06/19/12
50	Install Construction Entrance	3d	0	06/20/12	06/20/12	06/22/12	06/22/12
60	Notify Stakeholders of Disturbance	7d	3d	06/11/12	06/14/12	06/19/12	06/22/12
70	Place Advance Warning Signs	1d	23d	06/14/12	07/17/12	06/14/12	07/17/12
80	Required Notification for Road Closure	14d	23d	06/15/12	07/18/12	07/04/12	08/06/12
90	Setup Detour and Close Roadway	1d	23d	07/05/12	08/07/12	07/05/12	08/07/12
100	Install E&S Items	1d	23d	07/06/12	08/08/12	07/06/12	08/08/12
110	Place Cofferdam	4d	0	06/25/12	06/25/12	06/28/12	06/28/12
120	Install Pumped Water Filter Bag	3d	0	06/29/12	06/29/12	07/03/12	07/03/12
130	Span #1 Grout Stone Abutment & Pier	3d	0	07/04/12	07/04/12	07/06/12	07/06/12
140	Span #1 Construct Underpinning/Scour at Piers	5d	0	07/09/12	07/09/12	07/13/12	07/13/12
150	Relocate Cofferdam	5d	0	07/16/12	07/16/12	07/20/12	07/20/12
160	Span #2 Construct Underpinning	6d	0	07/23/12	07/23/12	07/30/12	07/30/12
170	Span #1 & #2 Construct Temporary Support	7d	0	07/31/12	07/31/12	08/08/12	08/08/12
180	Mill Roadway	4d	76d	07/06/12	10/22/12	07/11/12	10/25/12
190	Place Leveling Course (Entire Project)	3d	76d	07/12/12	10/26/12	07/16/12	10/30/12
200	Dismantle Existing Parapet Walls	4d	0	08/09/12	08/09/12	08/14/12	08/14/12
210	Remove Guide Rail	3d	1d	08/09/12	08/10/12	08/13/12	08/14/12
220	Remove Plaque and Clean	5d	54d	08/09/12	10/24/12	08/15/12	10/30/12
230	Remove Roadway Surface	2d	0	08/15/12	08/15/12	08/16/12	08/16/12
240	Prepare Stone for Veneer Work	25d	26d	08/15/12	09/20/12	09/18/12	10/24/12
250	Excavate Fill Adjacent to Walls and Arches	3d	0	08/17/12	08/17/12	08/21/12	08/21/12
260	Excavate Approach (Near Side)	2d	43d	08/17/12	10/17/12	08/20/12	10/18/12
270	Excavate Approach (Far Side)	3d	43d	08/21/12	10/19/12	08/23/12	10/23/12
280	Remove Stone Walls in Repair Area	5d	0	08/22/12	08/22/12	08/28/12	08/28/12
290	Reconstruct Stone Walls	20d	0	08/29/12	08/29/12	09/25/12	09/25/12
300	Repair/Fill Weep Holes	5d	15d	08/29/12	09/19/12	09/04/12	09/25/12
310	Apply Epoxy Compound	2d	0	09/26/12	09/26/12	09/27/12	09/27/12
320	Clean, Repoint, Repair Stone	20d	13d	09/26/12	10/15/12	10/23/12	11/09/12
330	Place Flowable Fill	4d	0	09/28/12	09/28/12	10/03/12	10/03/12
340	Form Re-Bar, Pour Moment Slab	7d	0	10/04/12	10/04/12	10/12/12	10/12/12
350	Cure Moment Slab	7d	0	10/15/12	10/15/12	10/23/12	10/23/12
360	Form Re-Bar, Pour Parapet Right/Left	6d	0	10/15/12	10/15/12	10/22/12	10/22/12
370	Reset Bridge Plaque	1d	6d	10/23/12	10/31/12	10/23/12	10/31/12
380	Install Stone Veneer Inside Right/Left	5d	2d	10/23/12	10/25/12	10/29/12	10/31/12
390	Cure Parapet	7d	0	10/23/12	10/23/12	10/31/12	10/31/12
400	Fine Grade Approach Near Side	1d	0	10/24/12	10/24/12	10/24/12	10/24/12
410	Fine Grade Approach Far Side	1d	0	10/25/12	10/25/12	10/25/12	10/25/12
420	Place 8" Subbase Near Side	1d	0	10/25/12	10/25/12	10/25/12	10/25/12
430	Place 8" Subbase Far Side	1d	0	10/26/12	10/26/12	10/26/12	10/26/12
440	Place 6" Base Course Near Side	1d	0	10/26/12	10/26/12	10/26/12	10/26/12



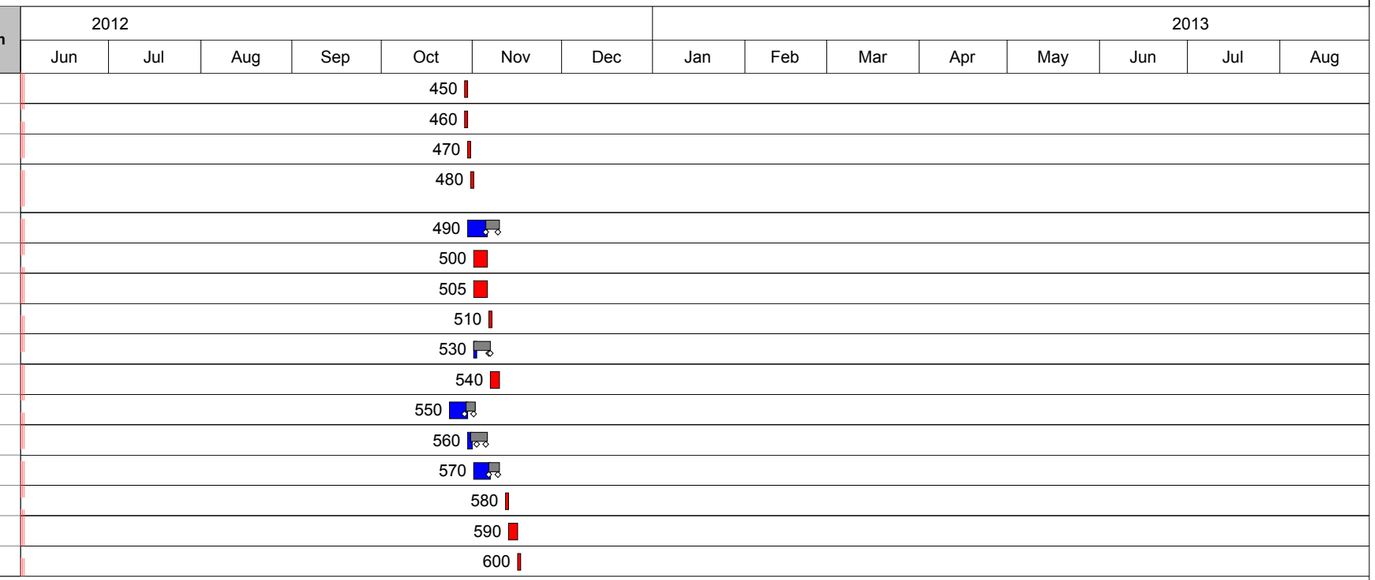
Project Manager: M. Hickson
Project Start: 06/11/2012
Project Finish: 11/16/2012

Created by PENNDOT EDMS Tuesday, May 08, 2012 9:23:10 AM

PennDOT District 6-0

Limekiln Pike pre-construction 06-11-12

Activity ID	Activity Desc.	Duration	Total Float	Early Start	Late Start	Early Finish	Late Finish
450	Place 6" Base Course Far Side	1d	0	10/29/12	10/29/12	10/29/12	10/29/12
460	Place 2.5" Binder Course Near Side	1d	0	10/29/12	10/29/12	10/29/12	10/29/12
470	Place 2.5" Binder Course Far Side	1d	0	10/30/12	10/30/12	10/30/12	10/30/12
480	Place 1.5" Wearing Course Entire Project	1d	0	10/31/12	10/31/12	10/31/12	10/31/12
490	Install Veneer Outside Right/Left	5d	4d	10/30/12	11/05/12	11/05/12	11/09/12
500	Install E & S Matting, Seed & Mulch	3d	0	11/01/12	11/01/12	11/05/12	11/05/12
505	Install Guide Rail	3d	0	11/01/12	11/01/12	11/05/12	11/05/12
510	Erect Signs	1d	0	11/06/12	11/06/12	11/06/12	11/06/12
530	Place Pavement Markings	1d	3d	11/01/12	11/06/12	11/01/12	11/06/12
540	Clean Up	3d	0	11/07/12	11/07/12	11/09/12	11/09/12
550	Remove Temporary Arch Supports	4d	3d	10/24/12	10/29/12	10/29/12	11/01/12
560	Remove Cofferdam	2d	3d	10/30/12	11/02/12	10/31/12	11/05/12
570	Complete Scour Protection	4d	3d	11/01/12	11/06/12	11/06/12	11/09/12
580	Semi-Final Inspection	1d	0	11/12/12	11/12/12	11/12/12	11/12/12
590	Complete Inspection Notes	3d	0	11/13/12	11/13/12	11/15/12	11/15/12
600	Remove Detour & Open Roadway	1d	0	11/16/12	11/16/12	11/16/12	11/16/12



PENNDOT FORM EDD-VI

ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1
VISUAL INSPECTION FORM

DATE: _____

SR/SEC: _____ COUNTY: _____

SEGMENT: _____

ECMS
Project#: _____

ACTIVITY: _____

Location: _____

Visual Site Inspection (EDD-PHASE 1):

- *Stressed Vegetation* Yes [ ] No [ ]
- *Staining on Soils* Yes [ ] No [ ]
- *Staining Along PennDOT ROW or on ROW Materials* Yes [ ] No [ ]
- *Detectable Odors* Yes [ ] No [ ]

Comments: ____Attached additional pages or information as necessary.

Findings

Check one:

☐ Due diligence inspection performed and no visual evidence of a spill or release in project ROW was detected.

☐ Due diligence inspection performed and evidence of a spill or release in project ROW was detected. Phase 2 documents attached.

☐ Due diligence not applicable for this project. No waste or fill.

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____

ORGANIZATION: _____

*** FORM MUST BE MAINTAINED FOR A MINIMUM 5 YEARS IN THE PROJECT FILE***

PENNDOT EDD-VII

CLEAN FILL ENVIRONMENTAL DUE DILIGENCE [EDD] PHASE 2

DATE: _____

SR/SEC: _____ ECMS PROJECT #: _____

SEGMENT: _____

COUNTY: _____

ACTIVITY: _____

LOCATION: _____

A Phase 1 EDD was conducted for the above project and has identified evidence of a potential spill or release of regulated substances to the material. A Phase 2 EDD was performed.

Findings Check all that apply:

☐ 1. Based on the results of the Phase 2 investigations, it has been determined that **no** spill or release has occurred.

☐ 2. Based on the results of the Phase 2 investigations, there is documented evidence that a spill or release has occurred. MUST COMPLETE ITEM 3

☐ 3. If Item 2 is checked, Item 3 must be completed: The materials were Collected and sampled, in accordance with Appendix A of the PADEP Management of Fill Guidance, and

- ☐ All regulated substances analyzed were reported as non-detectable. Form FP-001 must be completed along with the laboratory data, and provided to the property owner of the fill receiving site. Attach documentation.
- ☐ The concentration of regulated substances detected were below the levels indicated in Table FP-1a/1b. Form FP-001 must be completed along with the laboratory data, and provided to the property owner of the fill receiving site. Attach documentation.
- ☐ The concentration of regulated substances detected exceeds the levels in Table FP-1a/1b, but are below the levels indicated in Table GP-1a/1b. **The material is Regulated Fill** and must be approval by the PENNDOT Project Manager for use. If approved, PADEP General Permit WMGR096 must be obtained.
- ☐ The concentration of regulated substances detected exceeds the levels in Table GP-1a/1b. **The materials are a waste.** Manage in accordance with applicable PA Solid Waste Management Act waste regulations. Attach documentation.

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____

ORGANIZATION: _____

*** FORM MUST BE MAINTAINED FOR A MINIMUM 5 YEARS IN PROJECT FILE ***

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

NOTE: PERSONS INVOLVED IN PERFORMING EDD ACTIVITIES DO NOT NEED TO COMPLETE ALL STEPS OF THIS PROCESS. ONLY THOSE REQUIRED FOR PROPERLY CHARACTERIZING MATERIALS TO DETERMINE THEY ARE CLEAN FILL.

EDD Phase 2: STEP 1

- **Property ownership and use histories (deed reviews) for evidence of potential releases of wastes or chemicals from operations along the PennDOT ROW:**

  Land and Property Use and Ownership Types Found (Check All That Apply):

  - *Public* [ ]
  - *Private* [ ]
  - *Agricultural* [ ]
  - *Industrial* [ ]
  - *Commercial* [ ]
  - *Residential* [ ]
  - *Unused* [ ]
  - *Other* [ ]

  (Specify) _____
  _____
  _____

- **Searching environmental databases to determine the existence of potential impacts from any types of waste sites or related activities that exist or may have existed within the vicinity of the PennDOT ROW: (See Appendix 1)**

  Databases Searched (Check All That Apply):

  - *PennDOT* [ ]
  - *PA DEP* [ ]
  - *US EPA* [ ]
  - *Other* [ ]

  (Specify) _____
  _____
  _____

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

- **Conducting Interviews with All Relevant Parties to determine whether there had been any incidents that involved the release of substances directly to the PennDOT ROW:**

  Interviews Conducted (Check All That Apply):

  - *Former Property Owners* [ ]
  - *Current Property Owners* [ ]
  - *Former Land Owners* [ ]
  - *Current Land Owners* [ ]
  - *Fire Departments* [ ]
  - *Hazardous Materials Teams* [ ]
  - *Regulatory Agencies* [ ]

  *(Specify)*_____

  _____

  _____

- **Examination of aerial photographs in order to determine all land uses within the vicinity of the ROW:**

  - Aerial Photographs Evaluated Yes [ ] No [ ]; if "Yes": refer to Appendix 1 for a Pennsylvania Department of Conservation and Natural Resources (PA DCNR) web site address for locating aerial photographs.

- **Examination of Sanborne or other fire insurance maps *(there is an additional cost for obtaining these)*, in order to determine the existence of businesses that may have had any prior releases of regulated substances to the PennDOT ROW:**

  - *Sanborne Fire Insurance Maps Examined* [ ]; refer to Appendix 1 for web site address and telephone number for obtaining these maps;
  - *Alternate Fire Insurance Maps Examined* [ ]

  (Specify) _____

  _____

  _____

EDD Phase 2 STEP 2:

- **Sampling and Analysis of PennDOT ROW Materials. If there is documented evidence of a spill or release, materials must be tested to determine if they are clean fill, regulated fill, or to characterize for proper waste disposal.**

- **Sampling and analysis should be conducted in accordance with Appendix A of the PA DEP Management of Fill Guidance: 258-2182-773 April 24, 2004.**

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

APPENDIX 1: LISTING OF WEB SITES AND RELATED CONTACTS FOR ENVIRONMENTAL DUE DILIGENCE DATABASE SEARCHES

Pennsylvania Department of Environmental Protection (PA DEP) -Related Sites

- ***Pennsylvania Municipal and Residual Waste Facilities*** (web link: www.dep.state.pa.us/dep/deputate/airwaste/wm/mrw/Docs/Landfill_list.htm; (this website contains descriptions of all Pennsylvania landfills and incinerators (site name, permit number, host county, municipality, and contact person), all arranged by PA DEP region; for more information, click on either the facility name link (this leads to the PA DEP Environmental Facility Application and Compliance Tracking System (E-Facts) information about any specific facility) or contact person (e-mail) link).
- ***Pennsylvania Land Recycling and Environmental Remediation Standards Act (Act 2) Sites*** (web link: www.pasitefinder.state.pa.us/Site_listing.asp; this website contains information or all Act 2 sites that have been completed to date and updates that are made to the website when needed; click on the "more details" box associated with each site listed to obtain an interactive "E-Map" location/link for any site selected along with pertinent site information).
- ***Pennsylvania Hazardous Sites Cleanup Act (HSCA) Sites*** (web link: www.dep.state.pa.us/dep/deputate/airwaste/wm/hscp/docs/HSCA_Site_List.pdf; this website brings up a list of Pennsylvania HSCA sites that are arranged by PA DEP Region and shows municipality, county, number and dates for HSCA responses (interim and remedial levels), in addition to the site status (complete, listed on Pennsylvania Priority List, or de-listed).
- ***Pennsylvania Storage Tank Release and Active Storage Tank Sites*** (web link for storage tank releases: www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/Document/tank_release.htm); this website contains a listing of all known storage tank incidents, and is arranged by PA DEP region (with each regional incident alphabetized by county); other details included are facility I. D. #, site name, address, city, county, incident description, confirmation date, type of incident (underground storage tank release (petroleum or hazardous material), or above-ground storage tank release; click on the *"Tank Incidents"* PDF or Adobe Acrobat Files to see the entire list of storage tank releases to date); web link for active storage tanks: www.dep.state.pa.us/dep/deputate/airwaste/wm/tanks/storagetanks/tank_listings.htm; click on the PA DEP Regional links to obtain Excel spreadsheet lists of storage tanks; information similar to what can be found on the storage tank release sites (except releases) can be found on the active storage tanks list).

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

APPENDIX 1: LISTING OF WEB SITES AND RELATED CONTACTS FOR ENVIRONMENTAL DUE DILIGENCE DATABASE SEARCHES

United States Environmental Protection Agency (US EPA)-Related Sites

- ***Pennsylvania Comprehensive Environmental Response and Liability Act (CERCLA/Superfund) Sites*** (web link: www.epa.gov/reg3hwmd/super/PA/index.htm); this website contains information on all Pennsylvania Superfund sites, including name, address, city, county, zip code, US EPA I. D. number, and National Priority List (NPL) status; click on the site name to learn more about any Superfund site).
- ***Pennsylvania Resource Conservation and Recovery Act (RCRA) Facilities*** (web link: www.epa.gov/reg3wcmd/ca/pa.htm; this website contains information for all Pennsylvania RCRA sites, including facility name (click on this for more details), US EPA I. D. number, location (click on this link to get a map showing the site in relation to nearby roadways), environmental indicators (human exposure, groundwater – click on either of these to get the documentation sheets for either or both), and clean up status (initiated, remedy selected, complete with or without controls, construction completed)).
- ***Toxic Release Inventories (TRI)*** (web link: www.epa.gov/tri); this website is from the US EPA, and contains some background information about TRI is and how it is used; releases for specific areas can be found by entering a zip code on the title page; from here, the user can view the facilities that are part of the TRI for the zip code entered, and the extent of releases that have occurred over the years (starting with 1989, and continuing through 2001, the latest year for which TRI information is available); click on the name of any facility shown to obtain a detailed report about the releases and related activities associated with the facility (onsite, off-site, air emissions, water discharges, land disposal)).
- ***Comprehensive Federal and State Site Environmental Database (Enviro-Facts)*** (web link: www.epa.gov/enviro/index_java.html; this website contains information about virtually every type of environmental matter known, both in terms of facilities and the media affected by these facilities' collective activities; under the **"topics"** tab, click on the links related to *"waste"*, *water"*, *"air"*, *"toxics"*, *"land"*, *"radiation"*, *"maps"*, and *"other"*, to determine the type of media information desired; under the **"advanced capabilities"** tab, click on the *"queries"*, *"maps"*, or *"reports"* links to locate more specific information; from here, the user will be led to a page where queries about any type of environmental site can be entered using a zip code, county or State abbreviation; click on the "find it' link to locate information about one or multiple environmental sites, or, to generate map locations for the any type of environmental site activity desired; the map is interactive, and the user can "zoom in" for closer details about the site; this database may include information on sites from the aforementioned Municipal and Residual Waste, Storage Tanks, RCRA, HSCA, CERCLA, Act 2, and TRI databases; sites with National Pollutant Discharge Elimination System (NPDES) and radiation-related permits also included in this database).

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

APPENDIX 1: LISTING OF WEB SITES AND RELATED CONTACTS FOR ENVIRONMENTAL DUE DILIGENCE DATABASE SEARCHES

Sites for Aerial Photographs and Fire Insurance Maps

- ***Aerial Photographs:*** Aerial photographs may be accessed via the Pennsylvania Department of Conservation and Natural Resources (PA DCNR) web site (web link: www.dcnr.state.pa.us/topogeo/gismaps/aerials.aspx.htm; click on the *"Proceed to the new DCNR"* link, then click on the *"Aerial Photos"* option; this will lead to a link for the U. S. Geological Survey's Aerial Photo Finder; information can be sought, and site location maps can be generated by selecting the *"zip code"*, *"populated place"*, or *"map location"* options).
- ***Sanborne Fire Insurance Maps:*** These maps may be obtained from EDR Sanborne, Inc., at 1-800-352-0050, or at www.edrnet.com; click on the "*Sanborne Maps"* link, and then click on the phrase *"Download Sample"* to view an example of this map type. **There is an additional cost for obtaining these maps.**

PENNDOT FORM EDD-VI

ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1
VISUAL INSPECTION FORM

DATE: _____

SR/SEC: _____ COUNTY: _____

SEGMENT: _____

ECMS
Project#: _____

ACTIVITY: _____

LOCATION: _____

Visual Site Inspection (EDD-PHASE 1):

▪ *Stressed Vegetation*	Yes [ ]	No [ ]
▪ *Staining on Soils*	Yes [ ]	No [ ]
▪ *Staining Along PennDOT ROW or on ROW Materials*	Yes [ ]	No [ ]
▪ *Detectable Odors*	Yes [ ]	No [ ]

Comments: Attached additional pages or information as necessary.

Findings

Check one:

☐ Due diligence inspection performed and no visual evidence of a spill or release in project ROW was detected.

☐ Due diligence inspection performed and evidence of a spill or release in project ROW was detected. Phase 2 documents attached.

☐ Due diligence not applicable for this project. No waste or fill.

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____

ORGANIZATION: _____

*** FORM MUST BE MAINTAINED FOR A MINIMUM 5 YEARS IN THE PROJECT FILE***

pennsylvania
DEPARTMENT OF LABOR & INDUSTRY
BUREAU OF LABOR LAW COMPLIANCE

PREVAILING WAGES PROJECT RATES

Project Nam : ECMS 15769, SR152, Section MLN

Awarding Agency: PennDOT
Contract Award Dat : 5/17/2012
Serial Number: 12-02510
Project Classification: Highway
Determination Dat : 4/18/2012
Assigned Field Offic : Philadelphia
Field Office Phone Number: 215-560-1858
Toll Free Phone Number:

Montgomery County

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	5/1/2010		$39.64	$28.00	$67.64
Asbestos & Insulation Workers	5/1/2011		$40.39	$28.00	$68.39
Boilermaker (Commercial, Institutional, and Minor Repair Work)	1/1/2010		$23.59	$15.15	$38.74
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2011		$24.22	$16.02	$40.24
Boilermakers	1/1/2011		$37.35	$28.12	$65.47
Boilermakers	1/1/2012		$37.62	$29.85	$67.47
Bricklayer	5/1/2010		$33.97	$22.49	$56.46
Bricklayer	5/1/2011		$33.97	$23.29	$57.26
Carpenter - Chief of Party (Surveying & Layout)	5/1/2010		$40.19	$23.34	$63.53
Carpenter - Chief of Party (Surveying & Layout)	5/1/2011		$40.77	$23.84	$64.61
Carpenter - Instrument Person (Surveying & Layout)	5/1/2010		$34.95	$23.34	$58.29
Carpenter - Instrument Person (Surveying & Layout)	5/1/2011		$35.45	$23.84	$59.29
Carpenter - Rodman (Surveying & Layout)	5/1/2010		$18.17	$20.55	$38.72
Carpenter - Rodman (Surveying & Layout)	5/1/2011		$18.43	$21.38	$39.81
Carpenters	5/1/2010		$34.95	$23.34	$58.29
Carpenters	5/1/2011		$35.45	$23.84	$59.29
Cement Masons	5/1/2010		$32.20	$25.71	$57.91

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Cement Masons	5/1/2011		$32.45	$26.46	$58.91
DockBuilder/Pile Drivers (Building, Heavy & Highway)	7/1/2009		$37.50	$26.63	$64.13
DockBuilder/Pile Drivers (Building, Heavy & Highway)	7/1/2010		$37.60	$27.57	$65.17
DockBuilder/Pile Drivers (Building, Heavy & Highway)	7/1/2011		$38.15	$28.27	$66.42
DockBuilder/Pile Drivers Divers (Building Heavy & Highway)	7/1/2010		$45.12	$27.57	$72.69
Drapery Installers	5/1/2009		$31.09	$21.34	$52.43
Drywall Finisher	5/1/2010		$33.00	$22.41	$55.41
Drywall Finisher	5/1/2011		$33.11	$23.45	$56.56
Electric Lineman	5/31/2010		$44.62	$19.50	$64.12
Electric Lineman	5/31/2011		$45.63	$19.77	$65.40
Electric Lineman	11/28/2011		$46.67	$20.04	$66.71
Electric Lineman	5/28/2012		$47.72	$20.33	$68.05
Electric Lineman	11/26/2012		$48.79	$20.61	$69.40
Electricians	9/6/2010		$39.47	$23.12	$62.59
Electricians	9/5/2011		$39.73	$25.36	$65.09
Electricians	9/4/2012		$39.86	$27.84	$67.70
Elevator Constructor	1/1/2011		$48.15	$21.99	$70.14
Elevator Constructor	1/1/2012		$48.30	$23.84	$72.14
Floor Layer	5/1/2010		$37.41	$24.06	$61.47
Glazier	5/1/2010		$36.67	$24.53	$61.20
Glazier	5/1/2011		$37.35	$25.25	$62.60
Iron Workers (Bridge, Structural, Ornamental, Precast)	7/1/2010		$44.70	$26.69	$71.39
Iron Workers (Bridge, Structural, Ornamental, Precast)	7/1/2011		$44.70	$27.19	$71.89
Iron Workers (Bridge, Structural, Ornamental, Precast)	7/1/2012		$44.70	$28.14	$72.84
Iron Workers (Riggers)	7/1/2010		$35.02	$17.75	$52.77
Iron Workers (Riggers)	7/1/2011		$35.52	$23.98	$59.50
Iron Workers - Reinforcing Steel Mesh - Rebar	7/1/2010		$37.43	$24.90	$62.33
Iron Workers - Reinforcing Steel Mesh - Rebar	7/1/2011		$38.03	$25.40	$63.43
Laborers (Class 01 - See notes)	5/1/2010		$23.85	$22.30	$46.15

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 01 - See notes)	5/1/2011		$24.75	$22.30	$47.05
Laborers (Class 02 - See notes)	5/1/2010		$25.97	$21.73	$47.70
Laborers (Class 02 - See notes)	5/1/2011		$26.87	$21.73	$48.60
Laborers (Class 03 - See notes)	5/1/2010		$24.37	$22.28	$46.65
Laborers (Class 03 - See notes)	5/1/2011		$25.17	$22.28	$47.45
Laborers (Class 04 - See notes)	5/1/2011		$25.27	$21.65	$46.92
Laborers (Class 05 - See notes)	5/1/2011		$25.42	$21.45	$46.87
Landscape Laborer	4/1/2009		$18.31	$19.98	$38.29
Marble Finisher	5/1/2010		$28.63	$19.97	$48.60
Marble Finisher	5/1/2011		$28.68	$20.72	$49.40
Marble Mason	5/1/2010		$34.36	$21.77	$56.13
Marble Setters	5/1/2011		$34.35	$22.58	$56.93
Millwright	7/1/2010		$35.13	$26.33	$61.46
Millwright	7/1/2011		$35.78	$26.99	$62.77
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2010		$40.04	$22.07	$62.11
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2011		$40.04	$23.42	$63.46
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2012		$41.08	$23.83	$64.91
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2013		$42.12	$24.24	$66.36
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2010		$43.04	$22.96	$66.00
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2011		$43.04	$24.31	$67.35
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2012		$44.09	$24.71	$68.80
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2013		$45.13	$25.12	$70.25
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2010		$39.79	$22.00	$61.79
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2011		$39.79	$23.35	$63.14
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2012		$40.83	$23.76	$64.59
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2013		$41.88	$24.16	$66.04
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2010		$42.80	$22.88	$65.68
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2011		$42.80	$24.23	$67.03

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2012		$43.84	$24.64	$68.48
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2013		$44.88	$25.05	$69.93
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2010		$35.71	$20.79	$56.50
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2011		$35.71	$22.14	$57.85
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2012		$36.75	$22.55	$59.30
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2013		$37.79	$22.96	$60.75
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2010		$35.40	$20.71	$56.11
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2011		$35.40	$22.06	$57.46
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2012		$36.45	$22.46	$58.91
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2013		$37.49	$22.87	$60.36
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2010		$33.68	$20.20	$53.88
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2011		$33.68	$21.55	$55.23
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2012		$34.73	$21.95	$56.68
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2013		$35.77	$22.36	$58.13
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2010		$32.69	$19.91	$52.60
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2011		$32.69	$21.26	$53.95
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2012		$33.74	$21.66	$55.40
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2013		$34.78	$22.07	$56.85
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2010		$48.05	$25.55	$73.60
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2011		$48.05	$27.10	$75.15
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2012		$49.30	$27.59	$76.89
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2013		$50.55	$28.07	$78.62
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2010		$47.75	$25.47	$73.22
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2011		$47.75	$27.02	$74.77
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2012		$49.00	$27.51	$76.51
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2013		$50.25	$28.00	$78.25
Painters Class 1 (see notes)	5/1/2010		$32.31	$20.84	$53.15

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Painters Class 1 (see notes)	5/1/2011		$32.94	$21.49	$54.43
Painters Class 2 (see notes)	5/1/2010		$40.85	$20.94	$61.79
Painters Class 2 (see notes)	5/1/2011		$42.20	$21.59	$63.79
Painters Class 2 (see notes)	11/1/2011		$44.17	$21.62	$65.79
Painters Class 3 (see notes)	5/1/2010		$32.69	$20.84	$53.53
Painters Class 3 (see notes)	5/1/2011		$33.32	$21.49	$54.81
Plasterers	5/1/2010		$32.90	$24.85	$57.75
Plumbers	5/1/2010		$41.53	$26.01	$67.54
Plumbers	5/1/2011		$41.53	$28.01	$69.54
Plumbers	5/1/2012		$41.53	$30.26	$71.79
Pointers, Caulkers, Cleaners	5/1/2009		$35.05	$20.85	$55.90
Pointers, Caulkers, Cleaners	5/1/2010		$35.05	$21.60	$56.65
Pointers, Caulkers, Cleaners	5/1/2011		$35.10	$22.45	$57.55
Roofers (Composition)	5/1/2010		$30.75	$24.95	$55.70
Roofers (Composition)	5/1/2011		$30.75	$25.95	$56.70
Roofers (Shingle, Slate, Tile)	5/1/2009		$23.25	$13.62	$36.87
Roofers (Shingle, Slate, Tile)	5/1/2011		$23.75	$15.62	$39.37
Sheet Metal Workers	5/1/2010		$38.36	$32.67	$71.03
Sheet Metal Workers (Building, Heavy, Highway)	5/1/2011		$38.36	$32.67	$71.03
Sheet Metal Workers (Building, Heavy, Highway)	5/1/2012		$38.36	$34.57	$72.93
Sign Makers and Hangars	5/21/2010		$24.33	$16.37	$40.70
Sign Makers and Hangars	5/20/2011		$23.70	$17.69	$41.39
Sprinklerfitters	5/1/2010		$46.12	$19.85	$65.97
Sprinklerfitters	1/1/2011		$46.62	$19.85	$66.47
Sprinklerfitters	5/1/2011		$46.47	$20.35	$66.82
Sprinklerfitters	1/1/2012		$46.65	$20.82	$67.47
Steamfitters	5/1/2010		$44.93	$26.43	$71.36
Stone Masons	5/1/2009		$34.36	$21.02	$55.38
Stone Masons	5/1/2010		$34.36	$21.77	$56.13
Stone Masons	5/1/2011		$34.35	$22.58	$56.93

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Stone Masons	5/1/2011		$34.35	$22.58	$56.93
Terrazzo Finisher	5/1/2010		$32.41	$19.06	$51.47
Terrazzo Finisher	5/1/2011		$32.41	$19.96	$52.37
Terrazzo Grinder	5/1/2011		$32.66	$19.96	$52.62
Terrazzo Mechanics	5/1/2010		$35.41	$21.67	$57.08
Terrazzo Mechanics	5/1/2011		$36.30	$21.78	$58.08
Tile Finisher	5/1/2009		$29.11	$19.84	$48.95
Tile Finisher	5/1/2010		$29.11	$20.59	$49.70
Tile Finisher	5/1/2011		$29.16	$21.34	$50.50
Tile Layers	5/1/2010		$36.15	$21.03	$57.18
Tile Layers	5/1/2011		$36.20	$21.78	$57.98
Truckdriver class 1(see notes)	5/1/2010		$26.00	$13.48	$39.48
Truckdriver class 1(see notes)	5/1/2011		$26.65	$13.90	$40.55
Truckdriver class 2 (see notes)	5/1/2010		$26.00	$13.48	$39.48
Truckdriver class 3 (see notes)	5/1/2010		$26.25	$13.48	$39.73

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter - Chief of Party (Surveying & Layout)	5/1/2010		$43.76	$23.40	$67.16
Carpenter - Chief of Party (Surveying & Layout)	5/1/2011		$44.56	$23.90	$68.46
Carpenter - Instrument Person (Surveying & Layout)	5/1/2010		$38.05	$23.40	$61.45
Carpenter - Instrument Person (Surveying & Layout)	5/1/2011		$38.75	$23.90	$62.65
Carpenter - Rodman (Surveying & Layout)	5/1/2010		$30.44	$23.40	$53.84
Carpenter - Rodman (Surveying & Layout)	5/1/2011		$31.00	$21.89	$52.89
Carpenters	5/1/2010		$38.05	$23.40	$61.45
Carpenters	5/1/2011		$38.75	$23.90	$62.65
Cement Masons	5/1/2010		$31.10	$25.46	$56.56
Cement Masons	5/1/2011		$31.35	$26.21	$57.56
Cement Masons	5/1/2012		$32.60	$26.21	$58.81
Cement Masons	5/1/2013		$33.85	$26.21	$60.06
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2010		$44.70	$26.69	$71.39
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2011		$44.70	$27.19	$71.89
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2012		$44.70	$28.14	$72.84
Laborers (Class 01 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 01 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 02 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 02 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 03 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 03 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 04 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 04 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 05 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 05 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 06 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 06 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 07 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 07 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 08 - See notes)	5/1/2010		$25.15	$22.00	$47.15

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 08 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 09 - See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 09 - See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 10- See notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 10- See notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 11 -See Notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 11 -See Notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 12 -See Notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 12 -See Notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 13 -See Notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 13 -See Notes)	5/1/2011		$25.95	$22.00	$47.95
Laborers (Class 14 -See Notes)	5/1/2010		$25.15	$22.00	$47.15
Laborers (Class 14 -See Notes)	5/1/2011		$25.95	$22.00	$47.95
Landscape Laborer	4/1/2010		$18.44	$19.90	$38.34
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2009		$40.24	$24.84	$65.08
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2010		$41.94	$26.09	$68.03
Truckdriver class 1(see notes)	5/1/2007		$23.35	$11.92	$35.27
Truckdriver class 1(see notes)	5/1/2010		$25.90	$13.48	$39.38
Truckdriver class 1(see notes)	5/1/2011		$26.65	$13.90	$40.55
Truckdriver class 2 (see notes)	5/1/2007		$23.45	$11.92	$35.37
Truckdriver class 2 (see notes)	5/1/2010		$26.00	$13.48	$39.48
Truckdriver class 2 (see notes)	5/1/2011		$26.65	$13.90	$40.55
Truckdriver class 3 (see notes)	5/1/2007		$23.70	$11.92	$35.62
Truckdriver class 3 (see notes)	5/1/2010		$26.25	$13.48	$39.73
Truckdriver class 3 (see notes)	5/1/2011		$26.90	$13.90	$40.80

Notes:
If you can not find a classification under Heavy/Highway please refer to the Building classifications.

For further information on construction types review the "Notes as Referenced in Predeterminations" on the Labor and Industry Website. Go to www.dli.state.pa.us, scroll down to the picture labeled "Labor Law Compliance" and click the picture. Then scroll down on the left menu and click on the "Prevailing Wage" link.

Notes for Building Laborers in Five (5) County Area (Philadelphia Area)

Philadelphia, Montgomery, Bucks, Chester and Delaware

BUILDING LABORERS

CLASS 1

Common Laborer

CLASS 2

Asbestos Removal

CLASS 3

Mason Tenders

CLASS 4

Forklift Laborer (In conjunction with the Mason Tenders)

CLASS 5

Plaster Tender

Notes for Heavy & Highway Laborers in Five (5) County Area (Philadelphia Area)

Philadelphia, Montgomery, Bucks, Chester and Delaware

HEAVY & HIGHWAY LABORERS

CLASS 1

Yardwork Laborers
Scale Mix Yardwork Laborers
Scale Mixer Men
Bumermen
Feeders
Dustmen

CLASS 2

General Journeyman Laborer
Asphalt Shevelers
Sheeting, Shoring & Lagging Laborers
Stone, Granite & Artificial Stone Setting Laborer
HOD Carriers
Scaffold Builders
Relief Joints & Placing Gabions
Pneumatic Tool Laborers
Concrete Forms & Stripping Laborers
Concrete & Lumber Material Laborers
Steel * Steel Mesh (Carrying & Handling)
Form Pinners
Mortar Mixers
Pouring & Placing Concrete
Grade Men

CLASS 3

Vibrator Laborer
Finsih Surface Asphalt Rackers
Jackhammer Operators
Paving Breaker Operator
Pipelayer & Caulker (All Joints up to Within 5 Feet of Building Foundation Line)
Conduit & Duct Layers

CLASS 4

Flagperson

CLASS 5

Miners

CLASS 6

Welders & Burners

CLASS 7

Miner Bore Driver
Blasters
Drillers
Pneumatic Shield Operator

CLASS 8

Miners Helpers
Form Setters

CLASS 9

Trackmen
Brackmen
Groutmen
Bottom Shaft Men
All Other Laborers in Free Air Tunnels
Underpinning

CLASS 10

Circular Caissons
Welders, Burners & Air Tuggers

CLASS 11

Powdermen
Multiple Wagon Drill Operator Laborers

CLASS 12

Caisson Laborer Foreman

CLASS 13

Toxic/Hazardous Waste Handler

CLASS 14

Wagon Drill/Hydraulic Track Drill Operator Laborer

Definitions for 5 County Building, Heavy, Highway Operators

Chester, Montgomery, Bucks, Philadelphia, & Delaware

Operators Class 1

Handling Steel & Stone in Connection with Erection	Cranes doing Hook Work * **
Any Machines Handling Machinery	Cable Spinning Machine
Helicopter	Concrete Pumps (Building)
High Rail/Burro Crane	Rail Loader (Winch Boom Type)

Machines Similar to above including remote control equipment

Operators Class 1 (A)

Machines Handling Steel, or the Functional Equivalent, and Stone in connection with Erection 15 Ton and over Factory Rating	Cranes doing Hook Work 15 Ton and over Factory Rating * **
Any Machines Handling Machinery	High Rail/Burro Crane 15 Ton and over Factory Rating
Rail Loader (Winch Boom Type) 15 Ton and over Factory Rating	Concrete Pumps (Building) 120 Feet of Boom Length or less (200 yard pour or less)
Equipment in Wage Group 1 that does not require an Oiler	

Machines Similar to above including remote control equipment

Operators Class 2

All Types of Cranes * **	All Types of Backhoes
Cableways	Conveyor Loaders (Euclid-Type Wheel)
Drag Lines	All Types of Shovels
Derricks	Pavers 21E & Over
Trench Shovels	Trenching Machines
Pippin Type Backhoes	Hoist with Two Towers
Building Hoists – Double Drum (Unless used as a Single Drum)	Front-End Loaders
Boat Captain	Bobcat
Side Boom	Directional Boring Machines
Vermeer Saw Type Machine	Vermeer Saw Type Machine (Other than Hand

	Held)
Tractor Mounted Hydro Axe	Chipper with Boom
All Autograde & Concrete Finishing Machines	Bundle Puller-Extractors (Tubular Type)
Production Switch Tamper	Ballast Regulators
Tie Replacer	Rail/Road Loader
Power Jack Liner	Portable Rock Crusher
Keystones	Tandem Scrapers
Milling Machine	Mucking Machines in Tunnel
Gradalls	Tower Type Crane Operation, Erecting, Dismantling, Jumping or Jacking
Drills Self-Contained (Drillmaster Type)	Fork Lift (20 feet & over)
Motor Patrols (Fine Grade)	Batch Plant with Mixer
Carryalls, Scrapers & Tournapulls	Rollers (High Grade Finishing)
Spreaders (Asphalt)	Bulldozers & Tractors
Mechanic – Welder	Concrete Pumps (Heavy, Highway)

Machines Similar to above including remote control equipment

Operators Class 2 (A)

Crawler Backhoes and Crawler Gradalls over One Cubic Yard Factor Rating	Hydraulic Backhoes over One Cubic Yard Factor Rating
Single Person Operation Truck Cranes 15 Ton and Over Factory Rating	Cherry Picker Type Machinery and Equipment 15 Ton and Over Factory Rating
Concrete Pumps (Heavy/Highway)	Equipment in Wage Group 2 that does not require an Oiler

Machines Similar to above including remote control equipment

Operators Class 3

Conveyors (Except Building Conveyors)	Building Hoists (Single Drum)
Well Drillers	Asphalt Plant Engineers
Fork Lift Trucks of all Types	Ditch Witch (Small Trencher)
Motor Patrols	Concrete Breaking Machines (Guillotine Only)
Rollers	Fine Grade Machines
Stump Grinder	High or Low Pressure Boilers
Elevator Operator (New Construction)	

Machines Similar to above including remote control equipment

Operators Class 4

Seamen Pulverizing Mixer	Form Line Graders
Farm Tractors	Road Finishing Machines
Concrete Spreaders (Heavy, Highway)	Grease Truck
Power Broom (Self-Contained)	Seed Spreader

Machines Similar to above including remote control equipment

Operators Class 5

Conveyors (Building)	Welding Machines
Heaters	Well Point Pumps
Compressors	Pumps
Miscellaneous Equipment Operator	Tireman, Power Equipment
Maintenance Engineers (Power Boats)	Elevator Operator (Renovations)
House Car	

Machines Similar to above including remote control equipment

Operators Class 6

Fireman
Oilers & Deck Hands (Personnel Boats)
Grease Truck Helper

Machines Similar to above including remote control equipment

Operators Class 7 (A) (Toxic/Hazardous Waste Removal)

Handling Steel & Stone In Connection with Erection	Cranes doing Hook Work
Any Machines Handling Machinery	Cable Spinning Machine
Helicopters	Concrete Pumps (Building)
High Rail/Burro Crane	Rail Loader (Winch Boom Type)

Machines Similar to above including remote control equipment

Operators Class 7 (B) (Toxic/Hazardous Waste Removal)

All Types of Cranes	All types of Backhoes
Cableways	Conveyor Loader (Euclid-Type Wheel)
Drag Lines	Keystones
All Types of Shovels	Derricks

Pavers 21E & Over	Trench Shovels
Trenching Machines	Gradalls
Front-End Loaders	Boat Captain
Hoist with Twp Towers	Concrete Pumps (Heavy, Highway)
Building Hoists-Double Drum (Unless Used as a Single Drum)	Milling Machine
Mucking Machines in Tunnel	Pippin Type Backhoes
Bobcat	Tandem Scrapers
Side Boom	Tower Type Crane – Operation, Erecting
Dismantling, Jumping or Jacking	Directional Boring Machines
Vermeer Saw Type Machine (Other Than Hand Held)	Drills Self-Contained (Drillmaster Type)
Fork Lift (20Ft & Over)	Tractor Mounted Hydro Axe
Motor Patrols (Fine Grade)	Chipper with Boom
Batch Plant with Mixer	All Autograde & Concrete Finishing Machines
Carryalls, Scrapers & Tournapulls	Rollers (high Grade Finishing)
Bundle Pullers/Extractors (Tubular)	Spreaders (Asphalt)
Bulldozers & Tractors	Mechanic – Welders
Production Switch Tamper	Ballast Regulators
Tie Replacer	Rail/Road Loader
Power Jack Liner	

Machines Similar to above including remote control equipment

* On Building Projects - On all machines with booms, jibs, masts and leads, including tower cranes, 100 feet from ground up, fifty ($.50) cents per hour additional will be paid for each increment of 25 feet over 100 feet. On cranes with booms (including jibs, masts and leads) 200 feet and over, two (2) operators will be required. When two (2) operators are employed, no oiler will be required.

Booms to be measured from the ground up. Tower cranes calculated from ground up and out for purpose of boom pay

** On Heavy and Highway Projects: On all machines with booms, jibs, masts, and leads, including tower cranes, 100 ft. and over, thirty-five ($.35) cents per hour additional will be paid for each increment of 25' over 100'. On cranes with booms (including jibs, masts and leads) 200 ft. and over, two (2) operators will be required. When 2 operators are employed, no oiler will be required. Booms to be measured from the ground up.

ASBESTOS REMOVAL -- ASBESTOS WORKER/LABORER

AMENDED FOR 11/21/97

The removal of asbestos containing materials should be handled as follows:

1. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breachings, etc.) will be recognized as work to be classified as Asbestos Worker.

2. On all mechanical systems (pipes, boilers, ducts, flues, breachings, etc.) that are going to be scrapped, the removal of all insulating material, whether they contain asbestos or not, will be classified as Laborers.

3. The removal of all asbestos containing materials from walls, ceilings, floors, columns and all other non-mechanical structures and surfaces, etc., will be held to the classification of Laborers (with the exception of roofing materials).

4. The term "removal" shall not include sealing, labeling and dropping of scrap material into appropriate containers. After the drop, the final disposal will be classified as Laborers.

5. The loading at the designated area of all materials that have been removed, bagged and tagged, as well as clean-up and all unloading, burying and other work required at the disposal site should be classified as Laborers.

Notes for Building, Heavy, Highway Truckdriver

Truckdriver Class 1

Single Axle

Truckdrivers Class 2

Tandem
Tri-Axle
Semi-Trailer (Combination)

Truckdrivers Class 3

Speciality Vehicles

Painters Notes for Building, Heavy, Highway Painters

Cameron, Crawford, Forest, Potter & Warren Counties

Painters Class 1 - Industrial Rates (Heavy/Highway)

Painters Class 2 - Commercial Rates (Building)

Allegheny, Fayette, Greene & Washington Counties

Painters Class 1 - Industrial Brush & Roll (Heavy/Highway)

Painters Class 2 - Industrial Sandblast & Spray (Heavy/Highway)

Painters Class 3 - Bridge, Hot Stack, & Transmission Towers (Heavy/Highway)

Painters Class 4 - Painter Tender I (Heavy/Highway)

Painters Class 5 - Painter Tender II (Heavy/Highway)

Painters Class 6 - Commercial Painting & Paperhanging (Building)

Armstrong, Beaver, Bedford, Blair, Butler, Cambria, Centre, Clarion, Clearfield, Elk, Fulton, Huntingdon, Indiana, Jefferson, Juniata, Lawrence, Mercer, Mifflin, Somerset, Venango & Westmoreland Counties

Painters Class 1 - Industrial Brush & Roll (Heavy/Highway)

Painters Class 2 - Industrial Sandblast & Spray (Heavy/Highway)

Painters Class 3 - Bridge, Hot Stack, & Transmission Towers (Heavy/Highway)

Painters Class 4 - Painter Tender I (Heavy/Highway)

Painters Class 5 - Painter Tender II (Heavy/Highway)

Painters Class 6 - Commercial Painting & Paperhanging (Building)

Bucks, Chester, Delaware, Montgomery & Philadelphia Counties

Painters Class 1 - Brush, Roller & Spray

Painters Class 2 - Bridge

Painters Class 3 - Wallcoverer

Adams, Berks, Bradford, Carbon, Clinton, Columbia, Cumberland, Dauphin, Franklin, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Lycoming, Monroe, Montour, Northampton, Northumberland, Perry, Pike, Schuylkill, Snyder, Sullivan, Susquehanna, Tioga, Union, Wayne, Wyoming & York Counties

Paitners Class 1 - Commercial*

Painters Class 2 - Industrial (includes Structural Steel, Industrial Spray & Sandblasting)*

Painters Class 3 - Bridge*

* $1.00per hour above the rate for all classifications for work done in the following manner: Steel, Spray, Epoxy, HIPAC Coatings, Catalyzed Epoxy, Urethanes, Removers, Swing, Basket, and Sandblasting

Clinton County

Painters Class 1 - Spray

Painters Class 2 - Brush & Roller