



Public Notice

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

In Reply Refer to
Notice No. below

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

Application No. 200400527

Date: May 18, 2004

Notice No. 04-20

Closing Date: June 7, 2004

1. TO ALL WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 404 of the Clean Water Act (33 U.S.C. 1344).

2. APPLICANT: Borough of Lincoln
45 Abe's Way
Elizabeth, PA 15037

3. LOCATION: Coursin Hollow Run, in Lincoln Borough, Allegheny County, PA.

4. PURPOSE AND DESCRIPTION OF WORK: The Borough of Lincoln is located 14 miles southeast of Pittsburgh in southeastern Allegheny County. The proposed project is along Coursin Hollow Run, a tributary to the Monongahela River and is located entirely inside Lincoln Borough. Its confluence with the Monongahela River is about one mile southeast of the Borough of Glassport and directly across the Monongahela River from the Borough of Clairton.

Erosion is occurring in several locations along the left bank of Coursin Hollow Run and is threatening the structural integrity of Coursin Hollow Road. The road is a sole access route for nine dwellings. The Borough has been unsuccessful at correcting the problem using remedial measures such as resurfacing the road, grading ditches and the streambank, and adding materials to the streambank (concrete, railroad ties, etc.) to buffer the erosion. The stream embankments are approximately 2 feet high at the upstream end of the road and about 18 feet in height at the downstream end near the road's intersection with State Route 2001, Glassport Road. The streambank areas affected are near-vertical bank faces between the streambed and the road and are generally weed-covered up to the road. The streambed consists of gravel and cobbles, and has a steep gradient.

The earth disturbance activities will consist of three different types of streambank protection.

The first type is to excavate the bank and construct a modular pre-cast concrete retaining wall. The area behind the wall will be backfilled with granular material and the in-situ excavated material will be taken to the off-site spoil area. The surface behind the wall will be planted with grass if there is sufficient space (>2 feet). If there is less than 2 feet between the back of the wall and the edge of shoulder, the entire area between the shoulder and wall will be restored using the appropriate pavement structure. Where there is a bank slope between the excavation limit in front of the wall and the stream, this area will not be disturbed. The area between the front wall

face and the streamward excavation limit will be backfilled and planted with grass. Straw bales will be temporarily placed between the streamward excavation limit and the stream to prevent excavated material from entering the streambed. The straw bales will be removed immediately after the backfill operation is completed. This wall stabilization measure is scheduled for Reaches 1,2, 3, 5, 6, and 7 for a total length 904 feet.

The second type is to excavate the existing lower part of the streambank and replace it with non-erodible, clean rock fill. The embankment above the rock fill will be smoothly graded then top soiled and planted with grass. An erosion control blanket will protect the grass seed and prevent erosion until the grass takes hold. This rock toe fill is scheduled for Reaches 8 and 9, for a total length of 177 feet.

The third type is to excavate the existing bank to a 3:1 (H:V), place an erosion control mat and plant shrubs. A coir fiber log will be placed at the toe of the slope to protect the toe until the vegetation takes hold. This bank modification and vegetative stabilization measure is scheduled for Reach 1A for total length of 137 feet.

Spoil material excavated for the wall and rock toe protection will be spoiled at a site along Mable Drive, located approximately 250 feet east of the Glassport Road, approximately 3 miles south of Coursin Hollow Road. It is situated inside the Borough of Lincoln, owned by the Borough and is used by the Borough as a spoil site. It is approximately one acre in size according to the Borough Maintenance Department. It is at the head of a dry ravine. Vegetation there consists of ash, beech and scrub trees along with grape vines. The Pennsylvania American Water Company (PAWC) also utilizes the site to dispose of its materials, in which the PAWC grades and smoothes it off periodically.

Coursin Hollow Run will be temporarily diverted around the disturbed areas during project construction. A temporary dam will be constructed at each reach or one dam will serve several reaches and the water will be pumped around work areas or bypassed around the work areas by culverts.

To minimize potential impacts from sedimentation as a result of excavation, the contractor will be required to implement standard sediment and erosion control measures as outlined in this erosion control plan. No significant turbidity or sedimentation problems are anticipated with these measures. In the long term, sedimentation and turbidity will be reduced due to the stability of the protected bank. There are no water intakes within 1,000 feet of this project.

DISTURBED AREAS

REACH #	CONTRACTOR WORK LIMITS/DISTURBED AREA (SF)	LENGTH OF STREAMBANK DISTURBANCE (FT)
1	8,289	292
1A	3,340	137
2	1,680	90

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3	4,718	196
4	NO WORK	NO WORK
5	1,095	48
6	4,493	228
7	2,162	50
8	1,944	51
9	6,857	126
SPOIL AREA	43,560	0
TOTALS	78,138 (1.79 ACRES)	1,218

TABLE 1
QUANTITIES

Excavation (cy)	1475
Concrete Leveling Pad, 4" thick (sy)	125
Gravel Leveling Pad, 4" thick (sy)	225
Wall Face (sf)	4550
Gravel Fill (cy)	425
R-5 Rock Fill (cy)	150
Soil Fill (cy)	145
Geotextile (sy)	1300
Vegetative Slope Protection (sy)	150
Agg Surfacing (sy)	1700
Total Spoil Material (cy)	1,330

5. ENCROACHMENT PERMIT: The applicant has applied for an encroachment permit which includes State 401 Water Quality Certification from the:

Pennsylvania Department of Environmental Protection
Southwest Regional Office
Soils and Waterways Section
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Telephone: 412-442-4000

6. IMPACT ON NATURAL RESOURCES: The District Engineer has consulted the most recently available information and has determined that the project is not likely to affect the continued existence of any endangered species or threatened species, or result in the destruction or adverse modification of habitat of such species which has been determined to be critical. This Public Notice serves as a request to the U. S. Fish and Wildlife Service for any additional information they may have on whether any listed or proposed to be listed endangered or

threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended).

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

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

9. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposals must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the overall public interest of the proposed activity. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

10. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this

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office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. All responses to this notice should be directed to the Regulatory Branch, attn Linda Malsch, at the above address, by telephoning (412) 395-7157, or by e-mail at linda.m.malsch@usace.army.mil. Please refer to CELRP-OR-F 200400527 in all responses.

FOR THE DISTRICT ENGINEER:

/signed/

Scott A. Hans
Acting Chief, Regulatory Branch