



## DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES EROSION AND SEDIMENT CONTROL (E&S) MODULE 1

Applicant: **Quaker Valley School District**

Project Site Name: **New High School Campus**

### E&S PLAN INFORMATION

1. Describe the existing topographic features of the project site and the immediate surrounding area.

**A new high school campus is proposed to be built in Leet Township, to replace the existing High School building. The campus will have the high school building, a grass turf stadium, parking areas, and associated driveways and sidewalks and stormwater management facilities.**

**The site is a ridge and hillside slope, ranging from gentle to moderately steep slopes. The ridge is generally cleared, while the slopes are wooded. Three wetlands, and one perennial, three intermittent, and two ephemeral streams are on the site. See the E&S Plan Narrative for additional information.**

2. a. Complete the following table for soils present at the project site or attach a separate table.

Map Unit Symbol	Map Unit Name	Acres	HSG	% of Disturbed Area	Site-Specific Limitation	Hydric
	<b>SEE ATTACHED TABLES</b>				<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>

b. If there are any site-specific soil limitations identified in the table above, discuss how the E&S Plan was designed to address those limitations.

- **The contractor shall not cut vertical banks. Cut and fill slopes will be no steeper than 2:1. The fill soils will be an engineered soil to improve the stability of fill slopes.**
- **Soil corrosion can be controlled by using organic and inorganic coatings, applying metallic coatings, cathodic protection, and concrete admixtures. The reinforcement in the concrete structures will be epoxy-coated and the utility pipes shall be plastic.**
- **Droughty conditions, especially in the bioretention areas, will be mitigated with watering as required.**
- **The site will be vegetated to eliminate bare areas and decrease erosion. Compost filter socks and erosion control blankets will be used prior to final stabilization. Timely seeding and mulching of disturbed areas will reduce erosion potential.**
- **Contractor shall pump excavations to water filter bags to remove any groundwater or other unwanted water from work areas, including areas exhibiting a highwater table. A high-water table is not a concern at the ponds. Refer to the Geotechnical Exploration and Design Report by Garvin, Boward, Beitko Engineering, Inc., for guidance working with the site soils and the engineered soil. If possible, earth moving activities shall be conducted during dry conditions.**
- **An Aquatic Resources Report (ARR) was completed by Skelly & Loy, Inc., in March 2018. The ARR identified six wetlands in the vicinity of the UNT of Little Sewickley Creek, outside of the project LOD. Streamline Engineering, Inc. prepared an independent Wetland Determination and Water Resources Evaluation Report specific to the project LOD in 2025, revised May 2026. Three small wetlands were delineated within the LOD.**
- **Site soils and rock will be over-excavated and blended with sand to develop the engineered soil for the site. The proposed grading calls for cut and fill slopes that are no steeper than 3H:1V or will be geo-reinforced.**
- **The proposed infiltration features are bioretention areas which are part of the Post Construction Stormwater Management (PCSM) Plan. The bioretention areas will be constructed within areas that have been over-excavated and backfilled with an engineered sandy soil to promote infiltration.**
- **An engineered soil will be used in the construction of the pond embankments. A sand filter diaphragm will be used for the pipe penetration to mitigate for piping.**
- **The contractor shall perform soil testing on all disturbed areas to determine if the specified soil amendments are adequate to establish vegetative cover. The contractor shall condition the soil as recommended by the testing laboratory prior to final seeding.**
- **Frost action and shrink-swell concerns will be addressed by over-excavating the foundation below the**

proposed slabs to competent bedrock and soil.

- The engineered soil will mitigate for potential shrink and swell of the on-site soils.
- The site will be graded to provide positive drainage to the storm sewer system, culverts and channels.
- The engineered soil will mitigate for potential wetness of on-site soils. Major construction will occur in dry conditions.

c. If hydric soils are present, is a wetland determination attached to this module?  Yes  No  N/A

If No, explain: **A Wetland Determination & Stream Resources Evaluation Report has been prepared and is attached to this Module.**

d. If wetlands are found to be present, are a wetland delineation report and plan drawings showing the wetland boundary attached to this module?  Yes  No  N/A

e. Was environmental due diligence conducted for on-site soils to be disturbed?  Yes  No

f. If on-site soils are known to be contaminated, 1) identify the pollutants exceeding Act 2 standards, 2) identify the extent of soil contamination on an E&S Plan Drawing that is attached to this module, and 3) describe the methods that will be used to avoid or minimize disturbance of the contaminated soils in the space provided below or separate sheet.

**Phase 1 and Phase 2 ESAs were prepared. On-site soils determined to be contaminated have been remediated by removal and disposed off-site at approved facilities.**

3. Describe the characteristics of the earth disturbance activity, including the past (at least 50 years ago), present (within the past five (5) years) and proposed land uses and the proposed alteration to the project site.

**Construction of the proposed High School campus will require overexcavation and construction of engineered soil fills.**

**Past 50 Years (1966) – The site was the original William Walker estate. Most of the site is wooded or in meadow, with a paved access lane running along the ridgeline to the Leet Township-Edgeworth Borough corporate boundary. The original Muotta Mansion is now situated on the ridgeline near the center of the property, and two abandoned residences are situated on the property along Camp Meeting Road.**

**Present (Last 5 Years) – The project area has been unused and unchanged since purchased by the Quaker Valley School District in 2017, pending the completion of studies for development of the site as a high school.**

**Proposed – The proposed project is to demolish the existing abandoned residences and construct a high school campus on the ridgeline. The campus will be within Leet Township. The abandoned foundation in Edgeworth Borough will be filled in, covered with fill and vegetated with a meadow mix and tree plantings.**

4. Describe the volume and rate of runoff from the project site and its upstream watershed area.

**The project will result in a net increase of 14.69 acres of impervious area. Without controls, Post-Project runoff volumes and peak flows would be increased from Pre-Project runoff volumes and peak flows. With the proposed controls, the Post-Project volumes of runoff will increase, but will be managed via 9 bioretention ponds, an underground stormwater detention facility (SWMF1) and a surface pond stormwater detention facility (SWMF2). Post-Project peak flows will be less than or equal to the Pre-Project peak flows for the 1-, 2-, 5-, 10-, 25-, 50-, and 100-year events. Calculations are provided in the PCSM Plan attached to Module 2.**

5. Check boxes to indicate all BMPs that will be installed or implemented, indicate the number of BMPs on the project site, and describe any deviations from the E&S Manual.

<b>E&amp;S BMPs</b>	<b>No. BMPs</b>	<b>Deviation(s) from E&amp;S Manual</b>
<input checked="" type="checkbox"/> Rock Construction Entrance	<b>5</b>	<b>+ Daily public street sweeping &amp; rolling of dirt &amp; gravel roads, manual cleaning of tires</b>
<input type="checkbox"/> Rock Construction Entrance with Wash Rack		
<input checked="" type="checkbox"/> Rumble Pad	<b>1</b>	<b>None (existing at RCE-1)</b>
<input type="checkbox"/> Wheel Wash		
<input checked="" type="checkbox"/> Temporary/Permanent Access Roads	<b>3</b>	<b>None (existing 3 accesses from Camp Meeting Road)</b>
<input type="checkbox"/> Waterbar		
<input type="checkbox"/> Broad-based Dip		
<input type="checkbox"/> Open-top Culvert		
<input type="checkbox"/> Water Deflector		
<input checked="" type="checkbox"/> Roadside Ditch	<b>1</b>	<b>None (Collection Channel C3)</b>
<input type="checkbox"/> Ditch Relief Culvert		
<input type="checkbox"/> Turnout		
<input checked="" type="checkbox"/> Compost Sock Sediment Trap	<b>1</b>	<b>None (Stage 6)</b>
<input checked="" type="checkbox"/> Temporary/Permanent Stream Crossing	<b>3</b>	<b>None (Culvert 1, Culvert 2 &amp; Culvert 3)</b>
<input type="checkbox"/> Temporary/Permanent Wetland Crossing		
<input checked="" type="checkbox"/> Turbidity Barrier (Silt Curtain)	<b>1</b>	<b>None (Wood Baffle in Sediment Basin SB-1)</b>
<input checked="" type="checkbox"/> Dewatering Work Areas	<b>As needed</b>	<b>None</b>
<input checked="" type="checkbox"/> Pumped Water Filter Bag	<b>As needed</b>	<b>None (with Compost Sock Ring)</b>
<input type="checkbox"/> Sump Pit		
<input checked="" type="checkbox"/> Concrete Washout	<b>2</b>	<b>None</b>
<input checked="" type="checkbox"/> Compost Filter Sock	<b>78</b>	<b>None</b>
<input type="checkbox"/> Compost Filter Berm		
<input type="checkbox"/> Weighted Sediment Filter Tube		
<input type="checkbox"/> Silt Fence (Filter Fabric Fence)		
<input type="checkbox"/> Reinforced Silt Fence		
<input type="checkbox"/> Super Silt Fence		

E&S BMPs	No. BMPs	Deviation(s) from E&S Manual
<input type="checkbox"/> Sediment Filter Log (Fiber Log)		
<input type="checkbox"/> Wood Chip Filter Berm		
<input type="checkbox"/> Straw Bale Barrier		
<input checked="" type="checkbox"/> Rock Filter	<b>5</b>	<b>None (UNT 6, Channels D1 &amp; D2, Pump Bypass 1 &amp; 2)</b>
<input type="checkbox"/> Vegetative Filter Strip		
<input checked="" type="checkbox"/> Inlet Filter Bag	<b>As needed</b>	<b>None, Coir Mats (&lt; 0.5 acre) &amp; Stone Protection w/ Block &amp; Compost (&lt; 1.0 acre)</b>
<input type="checkbox"/> Stone Inlet Protection		
<input checked="" type="checkbox"/> Runoff Conveyance (Channel)	<b>4</b>	<b>None</b>
<input checked="" type="checkbox"/> Bench	<b>As needed</b>	<b>None</b>
<input checked="" type="checkbox"/> Top-of-Slope Berm	<b>As needed</b>	<b>None</b>
<input type="checkbox"/> Temporary Slope Pipe		
<input checked="" type="checkbox"/> Sediment Basin	<b>1</b>	<b>None</b>
<input checked="" type="checkbox"/> Sediment Trap	<b>1</b>	<b>None</b>
<input checked="" type="checkbox"/> Riprap Apron	<b>11</b>	<b>None</b>
<input type="checkbox"/> Flow Transition Mat		
<input type="checkbox"/> Stilling Basin (Plunge Pool)		
<input type="checkbox"/> Stilling Well		
<input type="checkbox"/> Energy Dissipater		
<input type="checkbox"/> Drop Structure		
<input type="checkbox"/> Earthen Level Spreader		
<input type="checkbox"/> Structural Level Spreader		
<input checked="" type="checkbox"/> Surface Roughening	<b>As needed</b>	<b>None</b>
<input checked="" type="checkbox"/> Vegetative Stabilization	<b>All non-paved areas</b>	<b>None</b>
<input checked="" type="checkbox"/> Erosion Control Blanket	<b>Slopes &gt; 3H:1V &amp; w/in 50' of streams</b>	<b>None</b>
<input type="checkbox"/> Soil Binders		
<input type="checkbox"/> Sodding		
<input type="checkbox"/> Cellular Confinement Systems		
<input type="checkbox"/> Alternative:		
<input type="checkbox"/> Alternative:		

6.	<input checked="" type="checkbox"/>	E&S Plan Drawings have been developed for the project and are attached to the NOI/application.
7.	<input checked="" type="checkbox"/>	All applicable Standard E&S Worksheets from Appendix B of the E&S Manual, or other calculations equivalent to Appendix B Worksheets, have been completed and are attached to the NOI/application.
8.	<input checked="" type="checkbox"/>	Supporting E&S BMP calculations are attached to the NOI/application.
9.	<input checked="" type="checkbox"/>	A complete sequence of BMP installation and removal in relation to the scheduling of earth disturbance activities, prior to, during and after earth disturbance activities, that ensures the proper functioning of all BMPs is provided on the E&S Plan Drawings.
10.	<input checked="" type="checkbox"/>	A cut/fill balance sheet with soil volumes identified is attached.
11.	<input checked="" type="checkbox"/>	BMPs will be inspected on a weekly basis and after measurable storm events (i.e., at least 0.25 inch).
12.	<input checked="" type="checkbox"/>	The following information relating to <u>temporary stabilization</u> measures is identified on the E&S Plan Drawings: 1) vegetative species, 2) % pure live seed, 3) seed application rate, 4) fertilizer type, 5) fertilizer application rate, 6) mulch type, 7) mulching rate, and 8) liming rate.
13.	<input checked="" type="checkbox"/>	The following information relating to <u>permanent stabilization</u> measures is identified on the E&S Plan Drawings: 1) vegetative species, 2) % pure live seed, 3) seed application rate, 4) fertilizer type, 5) fertilizer application rate, 6) mulch type, 7) mulching rate, 8) liming rate, 9) anchor material, 10) anchoring method, 11) rate of anchor material application, 12) topsoil placement depth, and 13) seeding season dates.
14.	<input checked="" type="checkbox"/>	The procedures that will be taken to ensure that recycling or disposal of materials associated with or from the project site will be conducted properly is described on the E&S Plan Drawings.
15.	<input checked="" type="checkbox"/>	The E&S Plan has been planned, designed, and will be implemented to be consistent with the PCSM Plan.
16.	<input checked="" type="checkbox"/>	The project includes existing and/or proposed riparian forest buffers as shown on the E&S / PCSM Plan Drawings.
17.	<input checked="" type="checkbox"/>	Construction dewatering is expected and BMPs for treating this water are shown on E&S Plan Drawings.
18.		<p>Identify the presence of any naturally occurring geologic formations or soil conditions that may have the potential to cause pollution during earth disturbance activities below. If such formations or conditions exist, identify BMPs on the E&amp;S Plan Drawings that will be implemented to avoid or minimize potential pollution. (Enter "N/A" if not applicable).</p> <p><b>Per the Geotechnical Exploration and Engineering Report prepared by Garvin Boward Beitko Engineering, Inc., the site is characterized by colluvial deposits and redbeds, including the Pittsburgh redbeds. To mitigate for these features, overexcavation and engineered fills, in conjunction with reinforced soil slope (RSS) and mechanically-stabilized earth (MSE) walls, are proposed. The redbed layers will be buttressed by the engineered fills and walls to prevent exposure of these soils, and to achieve the necessary slope stability.</b></p>
19.		<p>Identify whether the potential exists for thermal impacts to surface waters from the earth disturbance activity below. If such potential exists, identify BMPs on the E&amp;S Plan Drawings that will be implemented to avoid, minimize, or mitigate potential thermal impacts.</p> <p><b>Most of the stormwater runoff from the site (including roof drains) will flow into a bioretention pond by means of sheet or piped flow. As a result, the runoff will cool as it slowly seeps through the soil media. The vegetation (trees and shrubs) in the bioretention ponds will provide shade, which will also help cool the runoff.</b></p>

**E&S PLAN DEVELOPER**

I am trained and experienced in E&S control methods.

I am a licensed professional.

No. years of experience preparing E&S Plans: 40

I am a certified E&S professional.

Name: Martha Frech

Title: President

Company: Streamline Engineering, Inc.

Phone No.: 724-5940326

Address: 110 Allan Street

Email: mfrech@streamlineengineering.net

City, State, ZIP: Lower Burrell, PA 15068

License No.: PA-039026-E

License Type: Professional Engineer

Cert. No.: \_\_\_\_\_

Cert. Type: \_\_\_\_\_

Exp. Date: 09-30-2027

  
\_\_\_\_\_  
E&S Plan Developer Signature

6/19/2026  
\_\_\_\_\_  
Date

E&S MODULE 1  
E&S PLAN INFORMATION  
3800-PM-BCW0406a

<b>SOILS PRESENT AT THE SITE HYDRIC BASED ON NRCS LIST FOR ALLEGHENY COUNTY</b>						
Map Unit Symbol	Map Unit Name	Acres	HSG	% of Disturbed Area	Site-Specific Limitation	Hydric/Hydric Inclusions
EvD	Ernest-Vandergrift silt loams, 15 to 25 % slopes	15.7	C/D	22.5	See Attached	Yes
GID	Gilpin silt loam, 15-25% slopes	0.6	C	0.8	See Attached	No
GpD	Gilpin-Upshur complex, 15-25% slopes	4.5	C	6.5	See Attached	No
GQF	Gilpin-Upshur complex, very steep	25.4	C	36.5	See Attached	No
GSF	Gilpin, Weikert, Culleoka channery silt loams and 25-80% slopes	5.7	C	8.2	See Attached	No
RycB	Rayne silt loam, Conemaugh geology, 3-8% slopes	8.9	B	12.8	See Attached	No
RycC	Rayne silt loam, Conemaugh geology, 8-15% slopes	8.6	B	12.4	See Attached	No
URB	Urban land-Rainsboro complex, gently sloping	0.3	C	0.3	See Attached	Yes

**LIMITATION OF PENNSYLVANIA SOILS PERTAINING TO EARTHMOVING PROJECTS**

(Taken from PA DEP Erosion and Sediment Control Manual, March 2012)

SOIL NAME	CUTBANKS CAVE	CORROSIVE TO CONCRETE/STEEL	DROUGHTY	EASILY ERODIBLE	FLOODING	DEPTH TO SATURATED ZONE/ SEASONAL HIGHWATER TABLE	HYDRIC/ HYDRIC INCLUSIONS	LOW STRENGTH / LANDSLIDE PRONE	SLOW PERCOLATION	PIPING	POOR SOURCE OF TOPSOIL	FROST ACTION	SHRINK - SWELL	POTENTIAL SINKHOLE	PONDING	WETNESS
Ernest-Vandergrift silt loam	X	C/S		X		X	X	X	X	X	X	X	X			X
Gilpin silt loam	X	C	X	X				X	X	X	X	X				
Gilpin-Upshur complexes	X	C/S	X	X				X	X	X	X	X	X			
Gilpin, Weikert, Culleoka channery silt loam	X	C/S	X	X				X	X	X	X	X	X			
Rayne silt loam	X	C		X				X	X	X	X	X				
Urban land -Rainsboro complex	X	X		X		X	X	X	X			X				

# PHILLIPS ASSOCIATES

## INCORPORATED

CIVIL ENGINEERS

PHONE: 412-856-4090 1122 MOSSIDE BLVD, WALL PA 15148-1446

Quaker Valley New High School Project				
E&S Plan Grading Volumes				
Date: 06-15-26				
		Quantity	Unit	Notes
<b>Stage 1 'Initial'</b>	Cut	360	CY	Represents quantity for gravel parking, off-load and trailer areas.
	Fill	360	CY	Represents quantity for gravel parking, off-load and trailer areas.
<b>Stage 2</b>	Cut	104,733	CY	Represents excavation for Sediment Basin-1 and Diversion Channel D1.
	Fill	125,229	CY	Represents available capacity of soil and topsoil stockpiles shown on the Stage 2 Plan.
<b>Topsoil</b>	Cut	35,180	CY	Represents total site topsoil removal including all stages.
	Fill	37,300	CY	Represents available capacity of designated topsoil stockpile location shown on the Stage 2 Plan. Proposed topsoil stockpile: 179' Avg. Width x 267' Length x 35' Max. Height
<b>Stage 3</b>	Cut	12,810	CY	Represents excavation quantity for Collection Channel C1, C2 and Diversion Channel D2.
	Fill	159	CY	Represents minimal quantity for Collection Channel C1, C2 and Diversion Channel D2 installation.
<b>Stage 4</b>	Cut	1,001,750	CY	Represents overall excavation quantity for the RSS keyway/ toe (into rock) and the intermediate keyway benching for construction of the slope up the hillside shown on the Stage 4 Plan.
				Stage 4 shows the extent of the RSS undercut into rock/clay stone layers and the keyway benching which will be collected by Sediment Basin SB-1. Stage 4 will be done concurrently with the fills shown on Stage 5 and Stage 6 plans.
<b>Stage 5</b>	Cut	223,790	CY	Represents excavation of the overburden above the rock layer located in the proposed school building and surrounding parking and road areas.
	Fill	168,239	CY	Represents the quantity of site excavated material (non sand mixed) placed behind the RSS geogrid zone shown on the plan.
				Stage 5 shows initial excavation and fill placement for the construction of the RSS slope.
<b>Stage 6</b>	Cut	99,222	CY	Represents excavation quantity of remaining removal of overburden and beginning of rock excavation.
	Fill	944,027	CY	Represents quantity of fill placement for RSS Slope and portion of lower roadway drive shown on the plan.

# PHILLIPS ASSOCIATES

## INCORPORATED

CIVIL ENGINEERS

PHONE: 412-856-4090 1122 MOSSIDE BLVD, WALL PA 15148-1446

<b>Stage 7</b>	Cut	110,619	CY	Represents excavation quantity down to rock for construction of MSE Walls 1, 2, 3, 5 and 6.
	Fill	182,932	CY	Represents additional quantity of fill placement for RSS Slope and portion of lower roadway drive shown on the plan.
<b>Stage 8</b>	Cut	160,133	CY	Represents excavated quantity for extent of 10' rock undercut in the proposed school building, surrounding parking and road areas.
	Fill	222,802	CY	Represents fill placement for RSS slope, lower roadway drive, parking lots, tennis courts, etc. areas.
<b>Stage 9</b>	Cut	27,604	CY	Represents quantity of excavation located in front of the constructed MSE Walls 1, 2, 3, 5 and 6.
	Fill	197,932	CY	Represents quantity of fill to bring the proposed school building, surrounding parking and road areas up to subgrade.
<b>Stage 10</b>	Cut	2,644	CY	Represents removal of a portion of the topsoil stockpiles and relocation of the remaining portion of the soil stockpile (located on the field area) to the topsoil removal area.
	Fill	950	CY	Represents quantity starting of fine grading of the site.
<b>Stage 11 'Final'</b>	Cut	9,339	CY	Represents removal of remaining soil and topsoil stockpiles.
	Fill	27,594	CY	Represents quantity of fine grading of lawn areas, backfill haul road #1 at southern end of site, backfill behind curbs, backfill of parking lot islands, backfill around school building foundations, etc.
<b>Overall Project</b>	Cut	1,678,083	CY	Represents quantity of material from existing grade to undercut grade (including rock excavation) for the entire project site. This quantity does not include storm system, utility and foundation excavations.
	Fill	1,689,042	CY	Represents quantity from undercut grades to finish site grading.



**DEPARTMENT OF THE ARMY**  
PITTSBURGH DISTRICT, CORPS OF ENGINEERS  
WILLIAM S. MOORHEAD FEDERAL BUILDING  
1000 LIBERTY AVENUE  
PITTSBURGH, PA 15222-4186

December 2, 2025

Regulatory Division  
LRP-2025-00070

Quaker Valley School District  
Attn: Charlie Gauthier  
100 Leetsdale Industrial Drive  
Suite B  
Leetsdale, Pennsylvania 15056

Dear Mr. Gauthier:

Reference is made to your request for review of an approved jurisdictional determination, received on August 20, 2025. A delineation of the proposed Quaker Valley High School new campus project area located in Leetsdale, Allegheny County, Pennsylvania (Lat/Long: 40.564806, -80.198603) was performed in September-October 2023 and February-July 2025.

The Corps of Engineers' (Corps) authority to regulate waters of the United States is based on the definitions and limits of jurisdiction contained in 33 CFR 328. Navigable waters, their tributaries, and surrounding wetlands are waters of the United States subject to the provisions of Section 404 of the Clean Water Act. Based on information provided, a Corps' site visit dated May 21, 2025, and a desktop review, it has been determined that UNT-4/5 and UNT-6 are non-jurisdictional given their lack of relatively permanent flows to downstream traditional navigable waters (TNW).

This letter contains an approved jurisdictional determination (AJD) for your subject site. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and Request for Appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the Great Lakes and Ohio River Division Office at the following address:

Suzanne Chubb, Regulatory Program Manager  
USACE, Great Lakes & Ohio River Division  
550 Main Street, Room 10-780, CELRD-PD-O  
Cincinnati, Ohio 45202-3222  
(513) 218-1243  
suzanne.l.chubb@usace.army.mil

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 C.F.R. part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address within 60 days.

It is not necessary to submit an RFA form to the Division office if you do not object to the determination in this letter.

The AJD included herein has been conducted to identify the location and extent of the aquatic resources for purposes of the Clean Water Act within the locations identified in your request. No jurisdictional determinations were requested over the remaining project area nor is one required in order to pursue permits under Section 404 of the Clean Water Act. This delineation may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should discuss the applicability of an NRCS Certified Wetland Determination with the local USDA service center, prior to starting work.

This delineation verification will remain valid for a period of five years from the date of this letter, unless new information warrants revision of the delineation. Every effort should be made to avoid impacts to the aquatic resources on-site. If stream or wetland impacts are proposed to jurisdictional resources, this office should be contacted to discuss permit requirements.

If you have any questions, please contact Jeremy N. Roberts by phone at (412) 395-7181 or email at [Jeremy.N.Roberts@usace.army.mil](mailto:Jeremy.N.Roberts@usace.army.mil). Please complete our customer survey online and provide us with feedback at <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

Sincerely,

//SIGNED//

Alyssa B. Barkley  
Chief, South Branch  
Regulatory Division

Enclosure(s)  
AJD Memorandum for Record (7 pgs.)  
Project Area Drawing (1 pg.)

cc:  
PADEP



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT  
WILLIAM S. MOORHEAD FEDERAL BUILDING  
1000 LIBERTY AVENUE  
PITTSBURGH, PA 15222-4186

CELRP-RG

17 NOV 2025

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Approved Jurisdictional Determination in accordance with the "Revised Definition of 'Waters of the United States'"; (88 FR 3004 (January 18, 2023) as amended by the "Revised Definition of 'Waters of the United States'; Conforming" (8 September 2023) ,<sup>1</sup> [LRP-2025-00070] [(MFR 1 of 1)]<sup>2</sup>

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.<sup>3</sup> AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.<sup>4</sup>

On January 18, 2023, the Environmental Protection Agency (EPA) and the Department of the Army ("the agencies") published the "Revised Definition of 'Waters of the United States,'" 88 FR 3004 (January 18, 2023) ("2023 Rule"). On September 8, 2023, the agencies published the "Revised Definition of 'Waters of the United States'; Conforming", which amended the 2023 Rule to conform to the 2023 Supreme Court decision in *Sackett v. EPA*, 598 U.S., 143 S. Ct. 1322 (2023) ("*Sackett*").

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. For the purposes of this AJD, we have relied on Section 10 of the Rivers and Harbors Act of 1899 (RHA),<sup>5</sup> the 2023 Rule as amended, as well as other applicable guidance, relevant case law, and longstanding practice in evaluating jurisdiction.

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<sup>1</sup> While the Revised Definition of "Waters of the United States"; Conforming had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.

<sup>2</sup> When documenting aquatic resources within the review area that are jurisdictional under the Clean Water Act (CWA), use an additional MFR and group the aquatic resources on each MFR based on the TNW, the territorial seas, or interstate water that they are connected to. Be sure to provide an identifier to indicate when there are multiple MFRs associated with a single AJD request (i.e., number them 1, 2, 3, etc.).

<sup>3</sup> 33 CFR 331.2.

<sup>4</sup> Regulatory Guidance Letter 05-02.

<sup>5</sup> USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

CELRP-RG

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), [LRP-2025-00070]

## 1. SUMMARY OF CONCLUSIONS.

- a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).
  - i. UNT-4/5 (524 linear foot) – non-jurisdictional
  - ii. UNT-6 (431 linear feet) – non-jurisdictional

## 2. REFERENCES.

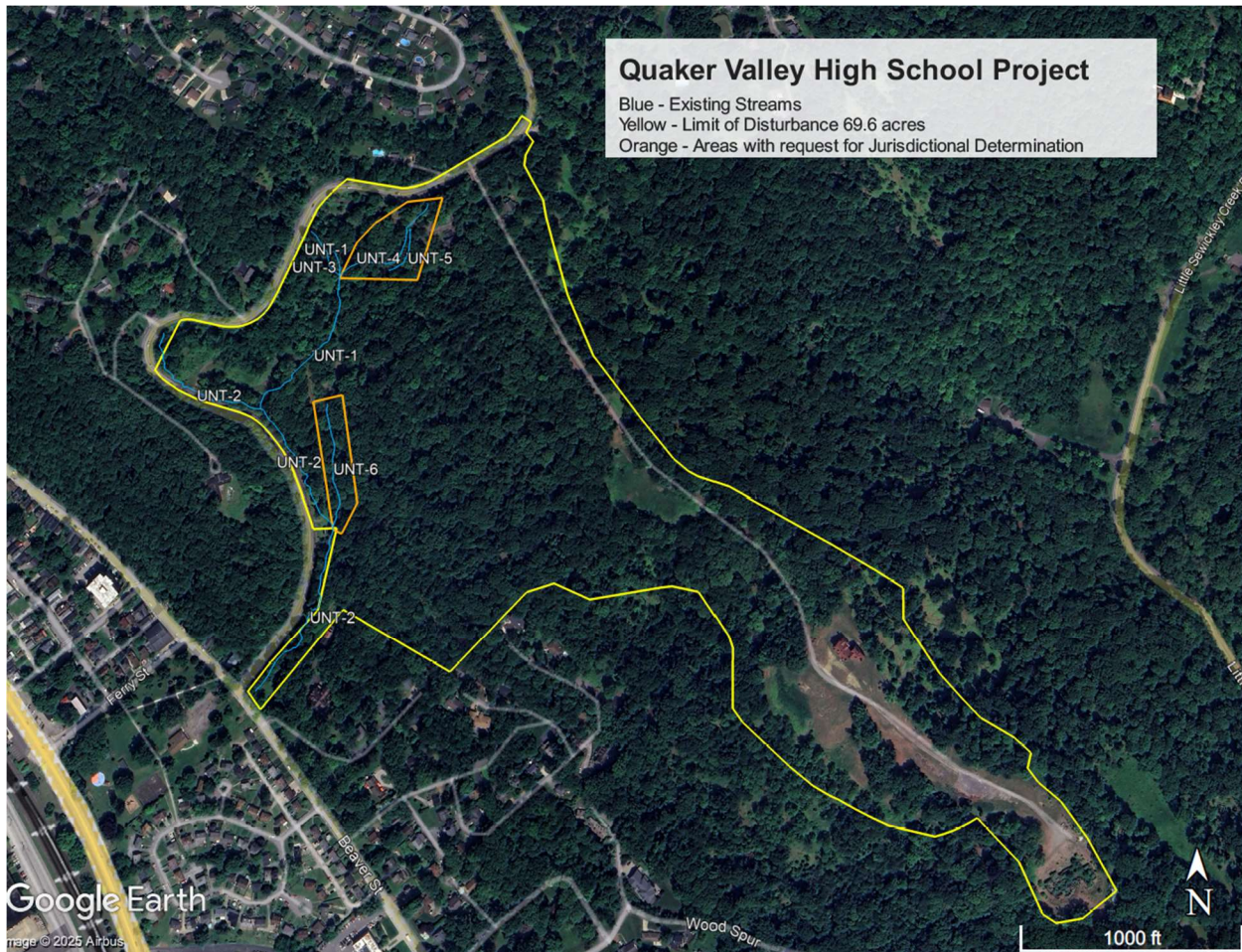
- a. “Revised Definition of ‘Waters of the United States,’” 88 FR 3004 (January 18, 2023) (“2023 Rule”)
- b. “Revised Definition of ‘Waters of the United States’; Conforming” 88 FR 61964 (September 8, 2023)
- c. *Sackett v. EPA*, 598 U.S. 651 (2023), 143 S. Ct. 1322 (2023)
- d. Memorandum to the Field Between the U.S. Department of the Army, U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency Concerning the Proper Implementation of “Continuous Surface Connection” Under the Definition of “Waters of the United States” Under the Clean Water Act (March 12, 2025)

## 3. REVIEW AREA.

- a. The Review Area is limited to the perimeter of the aquatic resources under evaluation of this AJD (see 3(b) below). This area is depicted on the attached, JD review map as the “AJD determination boundary”. The Review Area is located in Leetsdale, Allegheny County, Pennsylvania. The AJD review area is within a subset of a larger project area which will be evaluated under no JD.
- b. UNT-4/5, 524 linear feet/655 square feet (Lat/Long: 40.568509, - 80.203336)
- c. UNT-6, 431 linear feet/1,383 square feet (Lat/Long: 40.565703, - 80.204270)

CELRP-RG

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), [LRP-2025-00070]



4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), THE TERRITORIAL SEAS, OR INTERSTATE WATER TO WHICH THE AQUATIC RESOURCE IS CONNECTED. Ohio River<sup>6</sup> (Pittsburgh District Public Notice No. 12-2, Dated January 11, 2012)

5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, THE TERRITORIAL SEAS, OR INTERSTATE WATER.

a) UNT-4/5 - UNT-4 is a non-relatively permanent tributary originating at an outfall on the southern edge of Camp Meeting Road. This tributary flows into

<sup>6</sup> This MFR should not be used to complete a new stand-alone TNW determination. A stand-alone TNW determination for a water that is not subject to Section 9 or 10 of the Rivers and Harbors Act of 1899 (RHA) is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established.

CELRP-RG

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), [LRP-2025-00070]

a washout area and dissipates into upland. Though this resource lacks a direct surficial connection to a TNW, the nearest downslope tributary is UNT-1 which flows into UNT-2. UNT-2 empties into Little Sewickley Creek before flowing into the Ohio River, a TNW.

- b) UNT-6 - UNT-6 originates along an abandoned access road and generally flows north to south until its confluence with UNT-2 near the Edgeworth Township Water Authority pump house along Camp Meeting Road. UNT-2 empties into Little Sewickley Creek before flowing into the Ohio River, a TNW.

6. SECTION 10 JURISDICTIONAL WATERS<sup>7</sup>: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.<sup>8</sup>

N/A

7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the 2023 Rule as amended, consistent with the Supreme Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the 2023 Rule as amended. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.

a. Traditional Navigable Waters (TNWs) (a)(1)(i): N/A

b. The Territorial Seas (a)(1)(ii): N/A

c. Interstate Waters (a)(1)(iii): N/A

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<sup>7</sup> 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as "navigable in law" even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

<sup>8</sup> This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.

- d. Impoundments (a)(2): N/A
- e. Tributaries (a)(3): N/A
- f. Adjacent Wetlands (a)(4): N/A
- g. Additional Waters (a)(5): N/A

## 8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

- a. Describe aquatic resources and other features within the review area identified in the 2023 Rule as amended as not “waters of the United States” even where they otherwise meet the terms of paragraphs (a)(2) through (5). Include the type of excluded aquatic resource or feature, the size of the aquatic resource or feature within the review area and describe how it was determined to meet one of the exclusions listed in 33 CFR 328.3(b).<sup>9</sup> N/A
- b. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the 2023 Rule as amended (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).  
N/A
  - i) UNT-4/5 (524 linear foot), 1<sup>st</sup> order stream. Both the top and bottom extent of UNT-4/5 exists within the review area. UNT-4/5 begins on its own right outside of the intersection of other streams and is therefore 1<sup>st</sup> order under Strahler stream order. UNT-4/5 is a single stream with divided flow that conveys the same drainage from Camp Meeting Road. The entire 524 linear foot reach of UNT-4/5 was considered under this review. The stream begins at the base of Camp Meeting Road, travels through a culvert under an abandoned driveway, and ends dissipating into a flatter area where it loses its ordinary high water mark (OHWM). The hillside area where the steep slope of the stream has evidently worn into the earth shows sign of bed & bank as well as cleared or wracked leaf litter within waterway indicating recent flow. Those areas are also somewhat incised. Prior site visits conducted by the applicant indicated that no flow was observed in this channel; however, the day of the Corps’ site visit included some precipitation and flow was observed. Though this waterway lacked a uniform channel with OHWM to downstream tributaries, it may be possible to describe the flat area as a natural break given the evident accumulation of material there may have

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<sup>9</sup> 88 FR 3004 (January 18, 2023)

obscured a previously existing OHWM – or flow is occurring just subsurface through larger material or fissures. The flatter area was also somewhat concave within the northern braid of the UNT and would convey flows to downstream tributaries if significant; however, its evident that substantial flows of this magnitude are not frequent nor powerful enough to carve new surficial features which would indicate a regular flow in the bottom areas. The southern braid of this UNT also loses continuity with the OHWM and dissipates into upland; however, unlike the northern braid, the southern braid lacks concave landform. Most importantly, however, its evident that the stream flow within UNT-4/5 is non-relatively permanent given it only appears to flow in response to precipitation. The Corps has considered the physical evidence in applying the definition of waters of the U.S. and has determined that UNT-4 is excluded under the definition of waters of the U.S. given its non-relatively permanent flow.

- ii) UNT-6 (431 linear feet), 1<sup>st</sup> order. Both the top and bottom extent of UNT-6 exists within the review area. UNT-6 begins on its own right outside of the intersection of other streams and is therefore 1<sup>st</sup> order under Strahler stream order. The entire 431 linear foot reach of UNT-6 was considered under this review. The stream begins as a culvert/inlet under an abandoned access road which flows into a channel that empties into UNT-2. Several large valley swales appear to intersect with UNT-6; however, these swales do not convey any significant flows as evidenced by their lack of physical presenting features (e.g. bed & bank, clearing of debris, etc.). UNT-6 near its confluence with UNT-2 appears to include more physical features of OHWM (such as bed & bank and wracking of loose debris and materials) than its upper portions. No flow was observed the day of the Corps site visit nor has flow been observed by the applicant during prior site visits. Wracking of loose materials was observed within its channel as well as more-significant wracking of detritus at the confluence of UNT-6 and UNT-2 which demonstrates that some amount of flow occurs in this area. Though other non-relatively permanent waterways were flowing at the time of the site visit, UNT-6 was not. The Corps has considered the physical evidence in applying the definition of waters of the U.S. and has determined that UNT-6 is excluded under the definition of waters of the U.S. given its non-relatively permanent flow.

9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.

- a. In-office evaluation conducted 23-24 JUL 2025; Review of updated wetland delineation report (revised August 14, 2025) conducted 17 NOV 2025.

CELRP-RG

SUBJECT: 2023 Rule, as amended, Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), [LRP-2025-00070]

- b. Corps site visit dated 21 MAY 2025.
  - c. Google Earth (Airbus, CNES/Airbus, Landsat/Copernicus, NASA, Maxar Technologies, USDA/FPAC/GEO, USGS): various dates 2005-2016.
  - d. USGS National Map Viewer: Ambridge 2023 US Topo.
  - e. PAMAP Program – Topographic Contours, 2-foot. 2006-2008, DCNR PAMAP Program.
  - f. Personal phone call. Mr. Douglas Ford, Street Commissioner, Leetsdale Borough. July 23, 2025, 11:00. Mr. Ford assisted with providing information regarding the flow path of UNT-2 after reaching the enclosure at Beaver Street. The waterway flows under Henli Park then south-southeast along Route 65 before entering Little Sewickley Creek and then the Ohio River, a TNW.
10. OTHER SUPPORTING INFORMATION. The Corps ran the Antecedent Precipitation Tool (APT) for the day of the site visit (21 APR 2025) and found that wetness conditions were rated as “normal” for the prior 60 days before the site visit – meaning that average precipitation fell within the 30-70th percentile of the previous 30-year normal range of precipitation for that same seasonal period. Within the prior 60-90 days, wetness condition was dry, though this is weighted far less than the two prior months where conditions were normal. According to the APT, after weighting, the site conditions were normal with regard to average wetness. The Palmer Drought Severity Index (PDSI), however, rated the day of the site visit within “incipient drought” conditions. The PDSI considers a wider range of considerations as well as forecasts within a longer range of time than a single day or weeks. Additionally, incipient status describes a slight divergence from near normal conditions and thus does not describe extreme or even moderate drought conditions. The Corps has considered the results from the APT and have determined that the climatic conditions encountered during the day of the Corps site visit were within a normal range for this time and season.
11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR’s structure and format may be subject to future modification or may be rescinded as needed to implement additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.

U.S. Army Corps of Engineers (USACE)  
**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND  
 REQUEST FOR APPEAL**

*Form Approved -  
 OMB No. 0710-0003  
 Expires 2027-10-31*

For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.

**DATA REQUIRED BY THE PRIVACY ACT OF 1974**

**Authority** The authorities for requesting this information are Sections 9, 10, 13, and 14, Rivers and Harbors Act of March 3, 1899; Section 404, Clean Water Act; and Section 103 Marine Protection Research and Sanctuaries Act of 1972.

**Principal Purpose** This information serves as notification to affected parties regarding the USACE administrative appeal options and process, as well as to facilitate requests for appeal of USACE decisions with which they disagree.

**Routine Uses** Routine uses will include: (a) To serve as notification to affected parties of the Corps administrative appeal options and process and to facilitate requests for appeal of Corps decisions with which they disagree. (b) Records may be referred to the Department of Justice for possible criminal prosecution. (c) Records may be referred to other Federal, State, and local agencies for evaluation and enforcement purposes.

**Disclosure** Disclosure of this information is voluntary on your part. However, failure of individual to provide requested information could result in inability to determine all pertinent information regarding a Department of the Army permit matter.

**The Agency Disclosure Notice (ADN)**

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 1 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at [whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil](mailto:whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

**PURPOSE:** This form is used to facilitate the initiation of the administrative appeals process. The appeals process allows an affected party to pursue an administrative appeal of certain Corps of Engineers decisions with which they disagree.

Upon release, this form will also be available on the Corps website <https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/>

Applicant: Quaker Valley School District	File Number: LRP-2025-00070	Date: 2025-12-02
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Documents Attached ( <i>select all that apply</i> ):	Form Reference Section:
<input type="checkbox"/> INITIAL PROFFERED PERMIT ( <i>Standard Permit or Letter of Permission</i> )	A
<input type="checkbox"/> PROFFERED PERMIT ( <i>Standard Permit or Letter of Permission</i> )	B
<input type="checkbox"/> PERMIT DENIAL WITHOUT PREJUDICE	C
<input type="checkbox"/> PERMIT DENIAL WITH PREJUDICE	D
<input checked="" type="checkbox"/> APPROVED JURISDICTIONAL DETERMINATION	E
<input type="checkbox"/> PRELIMINARY JURISDICTIONAL DETERMINATION	F

**SECTION I**

The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/appeals/> or Corps regulations at 33 CFR Part 331.

**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 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.

**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 district engineer. Upon receipt of your letter, the 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 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 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 division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**C. PERMIT DENIAL WITHOUT PREJUDICE: *Not appealable***

You received a permit denial without prejudice because a required Federal, state, and/or local authorization and/or certification has been denied for activities which also require a Department of the Army permit before final action has been taken on the Army permit application. The permit denial without prejudice is not appealable. There is no prejudice to the right of the applicant to reinstate processing of the Army permit application if subsequent approval is received from the appropriate Federal, state, and/or local agency on a previously denied authorization and/or certification.

**D: PERMIT DENIAL WITH PREJUDICE: *You may appeal the 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 division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**E: APPROVED JURISDICTIONAL DETERMINATION: *You may accept or appeal the approved JD or provide new information for reconsideration***

- **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 division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- **RECONSIDERATION:** You may request that the district engineer reconsider the approved JD by submitting new information or data to the district engineer within 60 days of the date of this notice. The district will determine whether the information submitted qualifies as new information or data that justifies reconsideration of the approved JD. A reconsideration request does not initiate the appeal process. You may submit a request for appeal to the division engineer to preserve your appeal rights while the district is determining whether the submitted information qualifies for a reconsideration.

**F: PRELIMINARY JURISDICTIONAL DETERMINATION: *Not appealable***

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.

**POINT OF CONTACT FOR QUESTIONS OR INFORMATION:**

If you have questions regarding this decision you may contact:	If you have questions regarding the appeal process, or to submit your request for appeal, you may contact:
Name: Jeremy Roberts	Name: Suzanne Chubb, Regulatory Program Manager
Street Address, City, State: USACE Pittsburgh District, Regulatory Division, 1000 Liberty Avenue, Suite 2005, Pittsburgh, PA 15222	Street Address, City, State: USACE, Great Lakes & Ohio River Division, 550 Main Street, Room 10-780, CELRD-PD-O, Cincinnati, Ohio 45202-3222
Phone: 412-598-4730	Phone: (513) 218-1243
Email: jeremy.n.roberts@usace.army.mil	Email: suzanne.l.chubb@usace.army.mil

**SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT**

REASONS FOR APPEAL OR OBJECTIONS: *(Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. Use additional pages as necessary. 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.

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.

Email address of appellant and/or agent	Telephone number
Signature of appellant or agent	Date

# Quaker Valley High School Project

Blue - Existing Streams

Yellow - Limit of Disturbance 69.6 acres

Orange - Areas with request for Jurisdictional Determination

