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Date: February 25, 2016
WestLand File No.: 1271.03

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TRANSMITTAL

TO: Mr. Tyler J. Bintrim
Regulatory Project Manager
U.S. ARMY CORPS OF ENGINEERS
Pittsburgh District Federal Bldg. 20th Floor
1000 Liberty Avenue
Pittsburgh, Pennsylvania 15222
412-395-7115

FROM: Chris Rife
Senior Project Manager
RE: 2005-2397 Former Satralloy Site

ATTACHMENTS:

Copies	Originals
	1

Application for Department of the Army Permit (w/Attachments)

- Blocks 18, 19 and 20 Attachment

- Jurisdictional Area Infilling Plan Figure 1

- 2007 JD Figure B-1

- 2013 PJD Figure 1

- BE Figures 1 and 2

FOR YOUR:

Information

Use

Signature

Stamp

Approval

File

Other

X
X

Comments:

As mentioned in my February 24, 2016 email to you, the enclosed package includes a revised PCN and supporting materials to re-initiate the application process for the former Satralloy site project, Corps project number 2005-2397.

cc: Barb Nielsen, FMI (w/attachments)

Sabrina Mizrachi, FMI (wo/attach)

Stan Curry, Gallagher & Kennedy (wo/attach)

Shane Farolino, Roetzel & Andress (wo/attach)

Maggie Corder, Ohio EPA (wo/attach)

If Delivered or Picked Up:

Received by (Signature/Print Name)

Date:

**U.S. ARMY CORPS OF ENGINEERS
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT**

33 CFR 325. The proponent agency is CECW-CO-R.

*Form Approved -
OMB No. 0710-0003
Expires: 31-AUGUST-2013*

Public reporting for this collection of information is estimated to average 11 hours per response, including the 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 this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). 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. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - William Middle - E. Last - Cobb Company - Cyprus Amax Minerals E-mail Address - William_Cobb@FMI.com		8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Christopher Middle - E. Last - Rife Company - WestLand Resources, Inc. E-mail Address - CRife@westlandresources.com	
6. APPLICANT'S ADDRESS: Address- 333 North Central Avenue City - Phoenix State - AZ Zip - 85004 Country - USA		9. AGENT'S ADDRESS: Address- 4001 East Paradise Falls Drive City - Tucson State - AZ Zip - 85012 Country - USA	
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax (602)366-7826		10. AGENTS PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax (520)206-9585 (520)206-9518	

STATEMENT OF AUTHORIZATION

11. I hereby authorize, Christopher Rife to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.


SIGNATURE OF APPLICANT

2/22/16
DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions) Former Satralloy Site Interim Actions and Remedial Investigation/Feasibility Study			
13. NAME OF WATERBODY, IF KNOWN (if applicable) Wetland D, Stream E, and Stream K: all discharge to Cross Creek		14. PROJECT STREET ADDRESS (if applicable) Address 4243 County Road 74 (Gould Road)	
15. LOCATION OF PROJECT Latitude: °N 40.310 Longitude: °W 80.671		City - Mingo Junction State- OH Zip- 43938	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID Municipality Cross Creek Township Section - 8 Township - 6 North Range - 2 West			

17. DIRECTIONS TO THE SITE

From central Mingo Junction, Ohio, proceed south on Commercial Avenue. Continue straight on Clifton Avenue as it bears to the right (west) and passes under State Highway 7. Clifton Avenue becomes County Road 74 (Gould Road) at this point. Follow County Road 74 approximately 4.7 miles to the site. Note that in Gould, 2.8 miles from Mingo Junction, County Road 74 intersects with County Road 28 at a T. Turn left at this point to continue on County Road 74. Pass over Cross Creek on a bridge just south of Gould, and continue on County Road 74 to another T intersection, with Scott Featner Road. Turn right, pass over Cross Creek on another bridge and through the settlement of Kolmont. The site is on the right approximately 0.8 mile past the bridge. Access to the site is restricted by 24-hour security.

18. Nature of Activity (Description of project, include all features)

See Attachment, Block 18.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

See Attachment, Block 19.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

See Attachment, Block 20.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
Clean Soil: 2,700 cy		

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 0.099 (Wetland D) + 0.14 (Stream E) + 0.06 (Stream K) = 0.299 ac; filled by front-end loader
or
Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

The Interim Actions and Remedial Investigation/Feasibility Study activities have been designed to meet the requirements of the Consent Order for Preliminary Injunction described in Block 19. Filling Stream E and Stream K, and a portion of Wetland D, is needed to protect human health and the environment by removing physical and chemical hazards, and managing stormwater flow. The Project Area has been defined to avoid other potentially jurisdictional areas that may be present within the Property. Compensatory mitigation is not required, as the proposed activities would fill less wetland area than the threshold area (0.10 acre) referenced in General Condition 23.

24. Is Any Portion of the Work Already Complete? ☐ Yes ☒ No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- Wetland D, Stream E, and Stream K that will be filled for the project are entirely within the Applicant's Property.

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.



SIGNATURE OF APPLICANT



DATE



SIGNATURE OF AGENT



DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

Block 18: Nature of Activity

The proposed activities involve placing fill material in three jurisdictional areas, identified as Wetland D, Stream E, and Stream K, to support the overall project described in Block 19.

Wetland D is a 0.12-acre wetland that has become established above a processing pond for the former industrial activities; overflow from the wetland currently discharges to Cross Creek via a culvert under County Road 74. Existing vegetation and accumulated sediments will be excavated from this wetland to improve flow through the feature, and the westernmost (upgradient) 0.099 acres of the wetland depression will be filled with clean soil from adjacent areas on the site. Prior to filling, a culvert will be placed in the portion of Wetland D that will be filled to convey flow from Stream E, connecting to an existing culvert from Stream E to Wetland D. The surface of this filled area will be graded to promote stormwater sheet flow toward the remaining 0.021-acre portion of Wetland D. Every effort will be taken to minimize incidental sediment fallback during removal of accumulated sediment in the unfilled portion of Wetland D. Excavation equipment (i.e., backhoe) will be situated in an upland area when working near the wetland, and best management practices (BMPs) such as straw wattles for containing runoff will be employed. Excavated material will be temporarily placed within the containment area, and disposed of on site away from the wetland. The unfilled portion of Wetland D will continue to receive upstream flow from the newly filled portion of Wetland D via the new and existing culvert from Stream E and from local area runoff. Flow collected in the unfilled portion of Wetland D will discharge into a catch basin that currently receives flow from two other existing underground drainage lines. An existing culvert will deliver overflow from the catch basin under County Road 74 and discharge to Cross Creek as it currently does.

Stream E is a constructed ditch conveying stormwater flow from the two mill building roofs and adjacent uplands to a culvert that currently reports to Wetland D. This ditch is 582.4 feet long and varies in width from 3 to 15 feet, with an area of 0.14 acre. A culvert near the midpoint of the ditch conveys flow under a road; a drop structure at the north end of this culvert drains into another culvert trending to the southeast, reporting to Wetland D. Stream E will be backfilled with clean soil. Prior to filling, a culvert will be placed in Stream E to convey flow from the building drainage systems to the culvert drop structure. The backfilled feature will be graded to direct stormwater away from the buildings. Stormwater drainage from adjacent areas, which previously flowed into Stream E, will sheet flow to the unfilled portion of Wetland D described above, into the culvert and ultimately discharge to Cross Creek.

Stream K is a manmade ditch conveying intermittent flow from a culvert under the upper rail spur (which traverses an upland slope) to another culvert in the lowland plant site drainage system, ultimately discharging to Cross Creek. The ditch is 214.5 feet long and varies in width from 2 to 16 feet, with an area of 0.06 acre. The ditch will need to be filled to allow construction of an access road to support the interim actions and site investigation activities. A pipe will be installed in the ditch alignment to connect the existing upstream and downstream culverts, to facilitate drainage of stormwater down the slope and under the new access road. The ditch will then be backfilled with clean soil and contoured to match the adjacent ground surface.

A Biological Evaluation of the project, attached, documents the potential presence of such species and the project's potential to affect them. The proposed activities will not affect species listed, proposed for listing, or candidates for listing as threatened or endangered by the US Fish & Wildlife Service under their authority through the Endangered Species Act. The proposed activities will also not affect any cultural resources listed or eligible for listing on the National

Register of Historic Places, as documented in the attached letter from the Ohio State Historic Preservation Office.

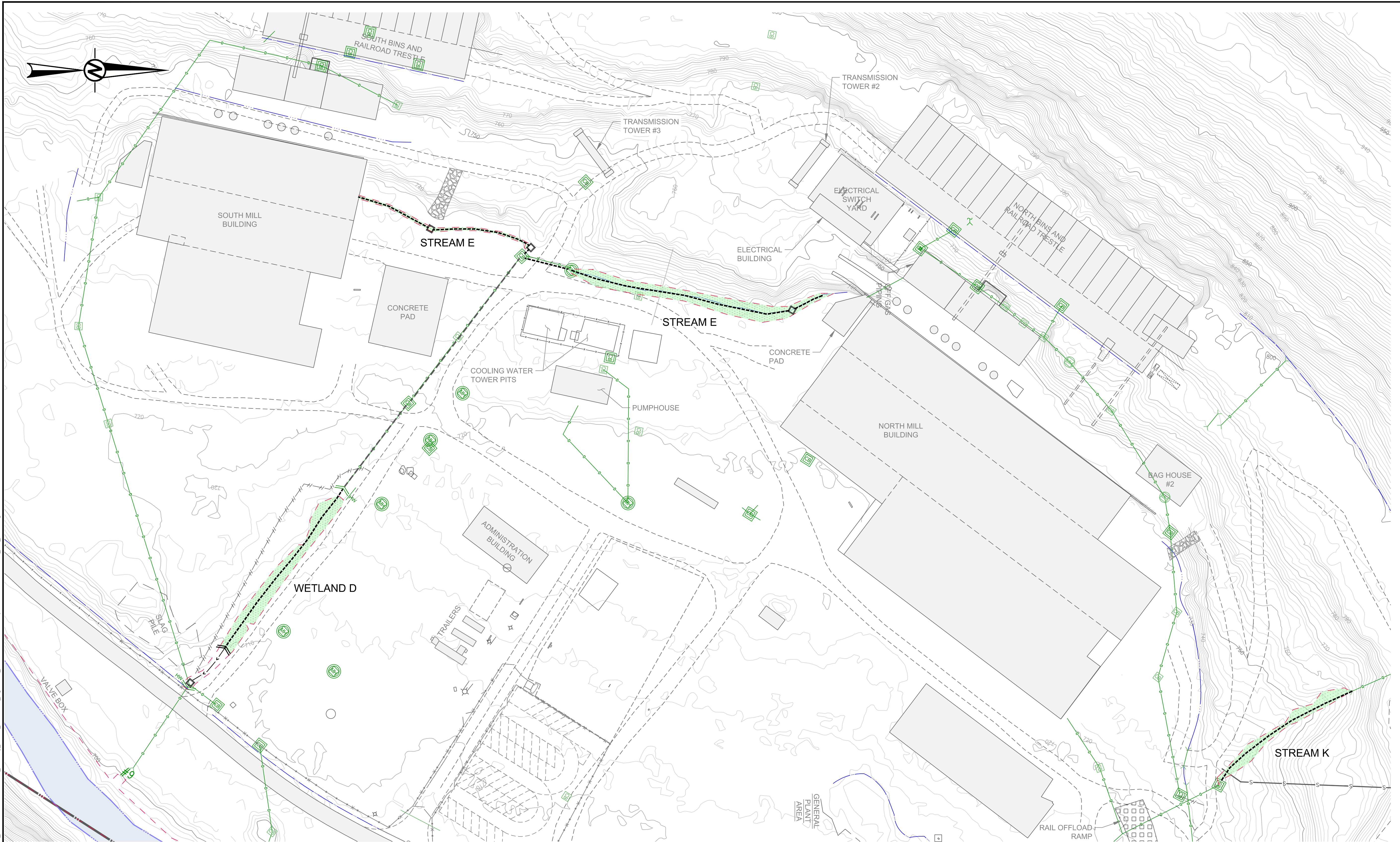
Block 19: Project Purpose

The purpose of the project is to conduct interim actions and a Remedial Investigation/Feasibility Study as required by a Consent Order for Preliminary Injunction (Consent Order) with the Ohio Environmental Protection Agency (OEPA). The Consent Order requires that physical and chemical hazards at the site are addressed to protect human health and the environment. As described in Blocks 18 and 20, each of the proposed fill activities is a component of the required activities defined in the project Work Plan developed for and approved by the OEPA. The proposed activities qualify for coverage under Nationwide Permit No. 38, Cleanup of Hazardous Waste, based on the requirements of the Consent Order with OEPA Agency. Mitigation is not proposed because the wetland fill area (i.e., in Wetland D) is below the mitigation threshold of 0.10 acre defined in General Condition 23.

Block 20: Reason for Discharge

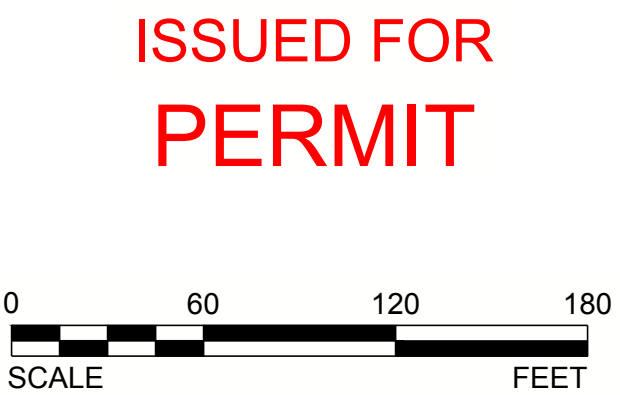
- A 0.099-acre portion of Wetland D will be filled to promote unimpeded stormwater sheet flow across the site and eliminate a potential source of infiltration. The redirected stormwater flow will improve water quality as compared to the current uncontrolled condition.
- Stream E will be filled to reduce physical hazards associated with a steep slope above the jurisdictional area. The flattened slope will improve physical safety.
- Stream K will be filled and will include a culvert to provide unimpeded drainage across the site and build a road to facilitate interim action and site investigation activities. The redirected stormwater flow will improve water quality as compared to the current uncontrolled condition, and the new road will allow for site investigation activities.

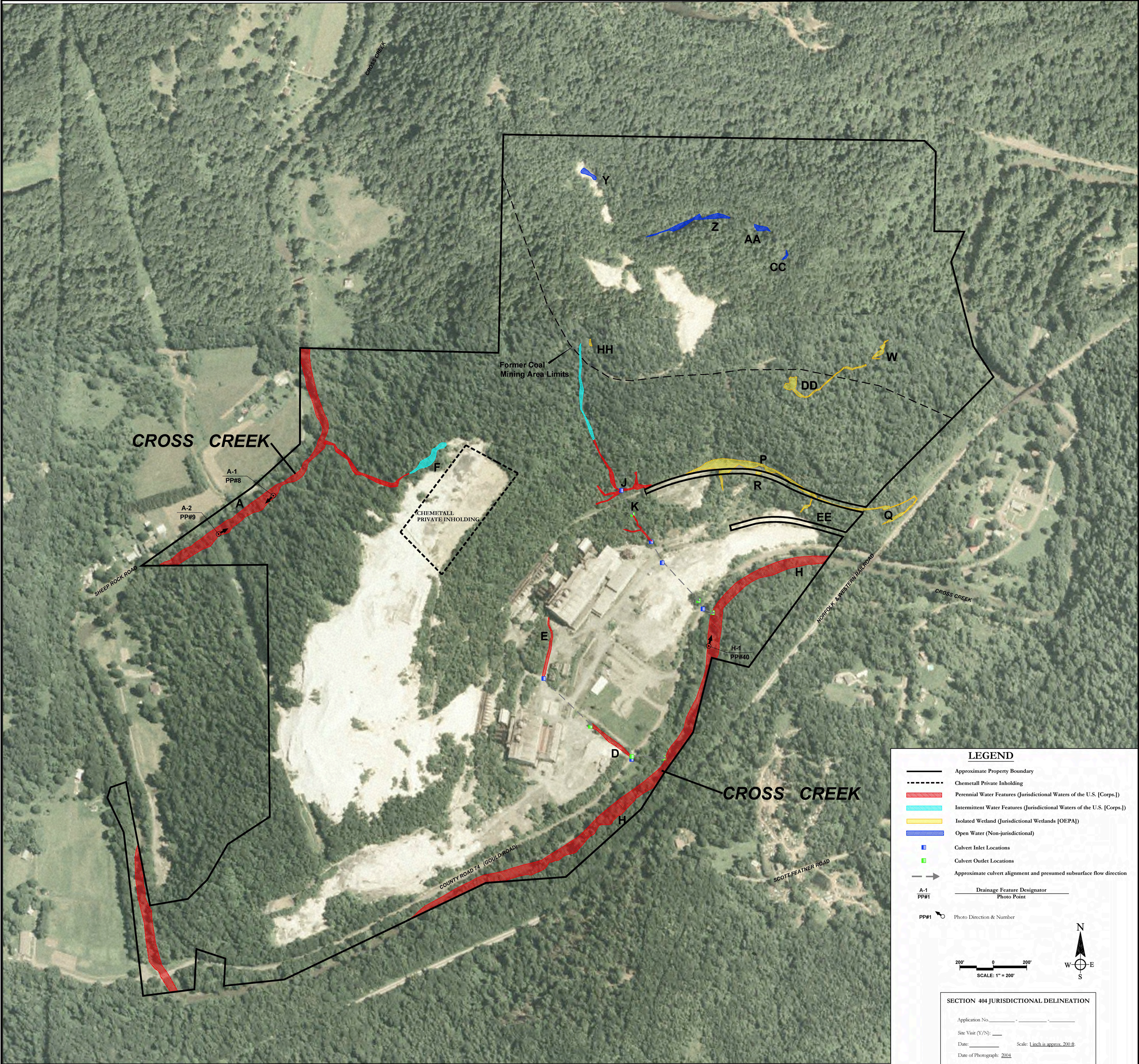
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LEGEND

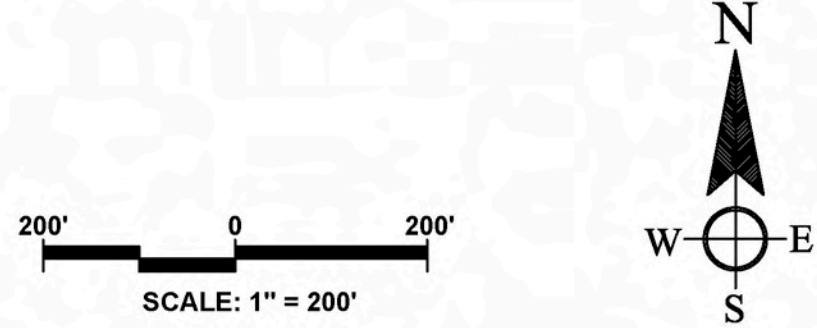
- | | | | | | | | |
|--|--|--|-----------------------------------|--|------------------------------|--|--|
| | EXISTING MAJOR CONTOUR | | EXISTING MANHOLE (UNVERIFIED) | | EXISTING DRAINAGE DITCH | | PROPOSED WETLANDS / STREAM INFILL AREA |
| | EXISTING MINOR CONTOUR | | EXISTING MANHOLE (VERIFIED) | | EXISTING ON-SITE ACCESS ROAD | | EXISTING DRAINAGE PIPE |
| | EXISTING PROPERTY BOUNDARY (SEE NOTE 2) | | EXISTING CATCH BASIN (UNVERIFIED) | | EXISTING COUNTY ROAD (PAVED) | | PROPOSED CMP DRAINAGE PIPE |
| | EXISTING SLURRY PIPELINE | | EXISTING CATCH BASIN (VERIFIED) | | EXISTING RAILROAD | | PROPOSED FLOW PATH |
| | EXISTING UNDERGROUND DRAINAGE PIPE | | EXISTING HEADWALL | | EXISTING FACILITY | | PROPOSED CATCH BASIN |
| | EXISTING CULVERT / DRAINAGE PIPE DISCHARGE | | EXISTING FIRE HYDRANT | | WETLANDS BOUNDARY | | PROPOSED HEADWALL |





LEGEND

- Approximate Property Boundary
- Chemetail Private Inholding
- Perennial Water Features (Jurisdictional Waters of the U.S. [Corps.])
- Intermittent Water Features (Jurisdictional Waters of the U.S. [Corps.])
- Isolated Wetland (Jurisdictional Wetlands [OEPA])
- Open Water (Non-jurisdictional)
- Culvert Inlet Locations
- Culvert Outlet Locations
- Approximate culvert alignment and presumed subsurface flow direction
- Drainage Feature Designator
- Photo Point
- Photo Direction & Number



SECTION 404 JURISDICTIONAL DELINEATION

Application No. _____

Site Visit (Y/N): _____

Date: _____ Scale: 1 inch is approx. 200 ft.

Date of Photograph: 2004

ACOE Project Manager Concurrence: _____

FORMER SATRALLOY SITE
Wetland and Drainage Analysis
Aerial Overview
Figure B-1



PRELIMINARY(RGL-08-02)

SECTION 404 JURISDICTIONAL DELINEATION
U.S. Army Corps of Engineers, Pittsburgh District
Application No. LRP - - - - -

Boundary of area surveyed for jurisdictional waters of the United States (Analysis Area)

Ordinary High Water Mark

Potential Waters of the United States

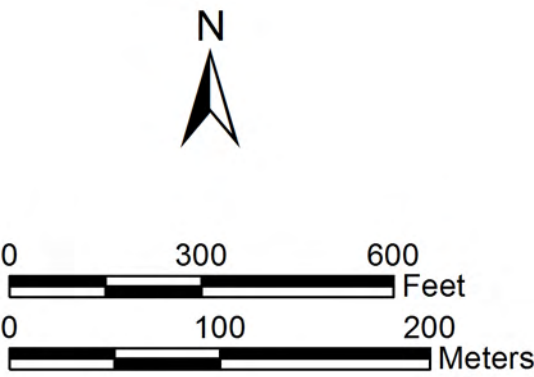
Potentially Jurisdictional Wetland Boundary (If legend is blank no wetlands occur in survey area)

Site Visit (Y/N) Date: - - - - -
300' Scale January 1, 2013 Date of Photograph
Corps Project Manager

Sheet 1 of 1

PRELIMINARY(RGL-08-02)

- Legend**
- Culvert
 - OHWM sent to client
 - Potential Waters of the United States
 - Potentially Jurisdictional Wetland Boundary
 - Project Area
 - USGS Drainage Feature
 - Property Boundary
 - Private Inholding



T06N, R02W, Portion of Sections 2, 8 & 9,
Jefferson County, Ohio,
Steubenville West USGS 7.5' Quadrangle
Image Source: NAIP 2013

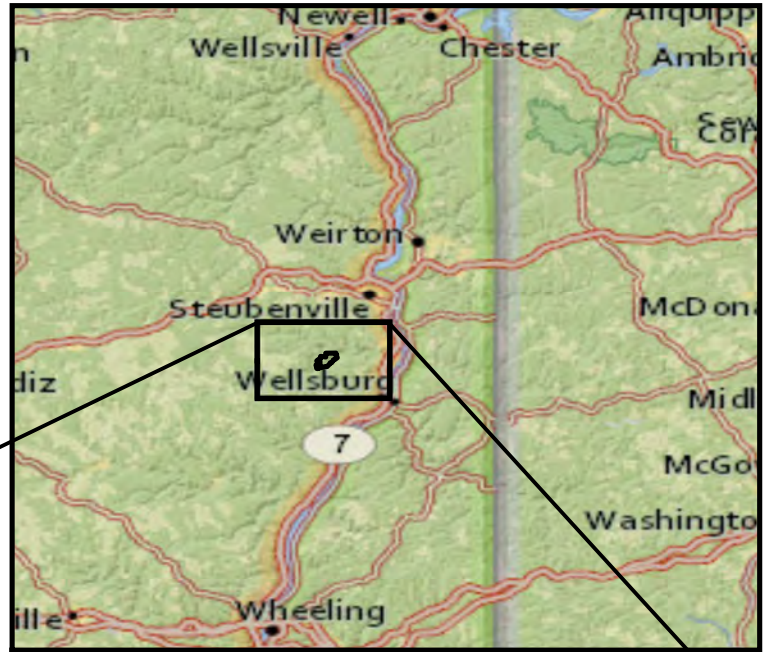
WestLand Resources, Inc.
Tucson • Phoenix • Flagstaff
1750 S. Woodlands Village Blvd., Suite 150
Flagstaff, Arizona 86001 (928) 225-2218

OHIO

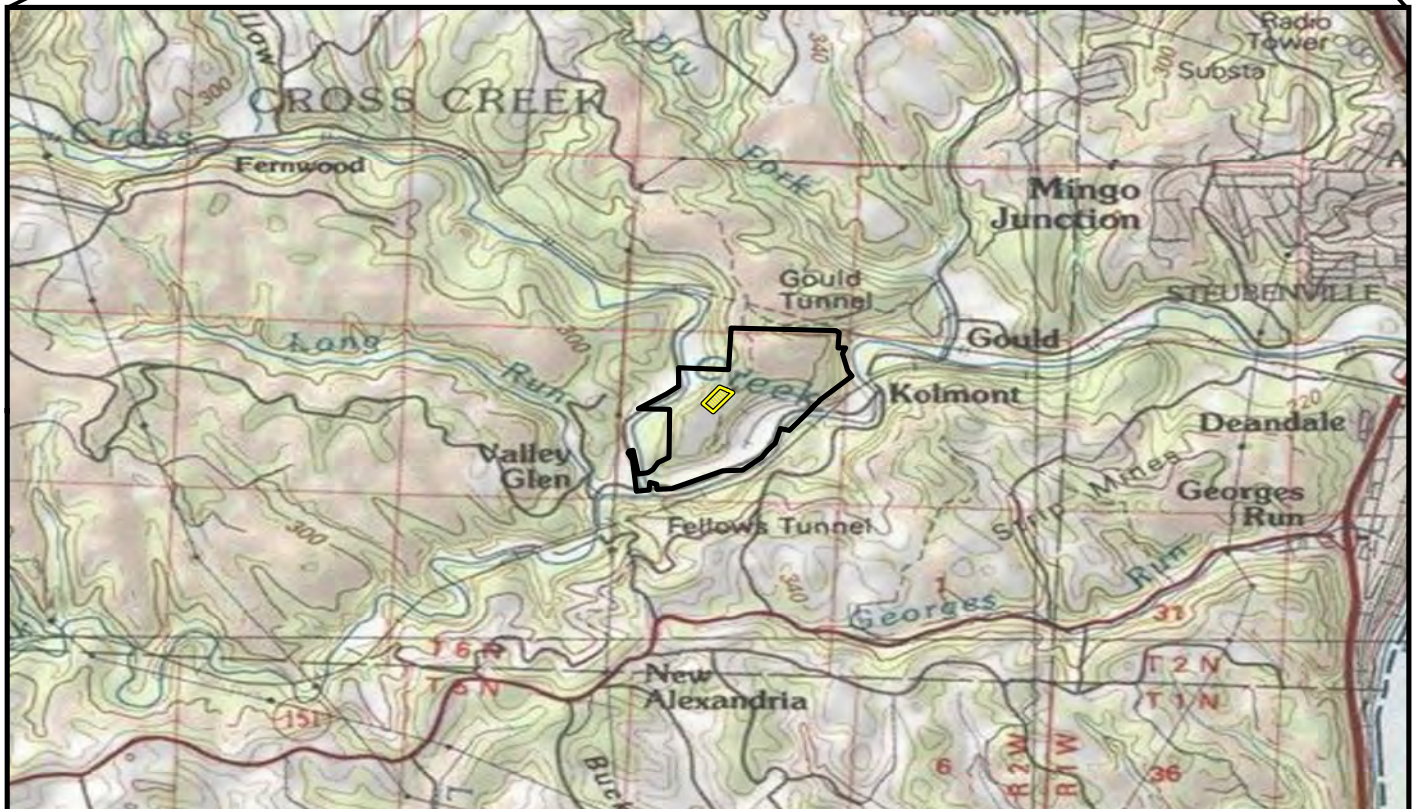


PROJECT
LOCATION

PORTION OF JEFFERSON COUNTY



Approximate Scale 1 Inch = 12 Miles



T06N, R02W, Portion of Sections 2, 8 & 9,
Jefferson County, Ohio
Image Source: ESRI Online USA Topo Map



0 3,000 6,000 Feet
0 1,000 2,000 Meters

Legend

- Property Boundary
- Private Inholding

**Former Satralloy Site
Biological Evaluation**

VICINITY MAP

Figure 1

