



**OHIO HISTORIC PRESERVATION OFFICE:
RESOURCE PROTECTION & REVIEW
Section 106 Review- Project Summary Form**

SECTION I. GENERAL PROJECT INFORMATION

All contact information must include the name, address and phone number of the person listed. Email addresses should also be included, if available.

This information is (check one):

- ☒ A NEW PROJECT SUBMITTAL
☐ ADDITIONAL INFORMATION RELATING TO PREVIOUSLY SUBMITTED PROJECT. PLEASE PROVIDE THE OHPO/RPR SERIAL NUMBER FOUND ON THE BOTTOM OF OHPO LETTER REFERENCING THE PREVIOUSLY SUBMITTED PROJECT:

a. **Project Name** (if applicable):

Former Satralloy Site Remediation

b. **Project Address** or vicinity:

West of the intersection of Gould Road and Scott Featner Road

c. **City/Township:** Cross Creek

County: Jefferson

d. **Federal Agency and Contact Person.** *If you do not know the federal agency involved in your project, please contact the party requiring you to apply for Section 106 review, not the SHPO, for this information. HUD Entitlement Communities acting under delegated environmental review authority should list their own contact information.*

US Army Corps of Engineers, Pittsburgh District

Christina Schroeder, Project Manager

William S. Moorhead Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15222
(412) 395-7375

e. **Type of Federal Assistance.** *If you do not know the type of federal assistance involved in your project, please contact the party requiring you to apply for Section 106 review, not the SHPO, for this information. List all known federal sources of federal funding, approvals, and permits to avoid repeated reviews.*

Clean Water Act Section 404 Permit

f. **State Agency and Contact Person** (if applicable):

Ohio Environmental Protection Agency

Michael D. Sherron, On-Scene Coordinator

Southeast District Office
Division of Emergency and Remedial Response
2195 Front Street
Logan, OH 43138
(740)380-5251

g. **Type of State Assistance:**

None.

h. **Is this project being submitted solely under Ohio Revised Code 149.53?** *Answering yes to this question means that you are sure that no federal funding, permits or approvals will be used for any part of your project, and that you are seeking comments under ORC 149.53.*

☐ YES ☒ NO

i. **Consultant and/or Applicant Contact Person** (if applicable):

Applicant Contact:

Barbara Nielsen

Cyprus Amax Minerals Company
One North Central Avenue
Phoenix, AZ 85004
(602)366-8270

Consultant Contact:

Christopher Rife

WestLand Resources, Inc.
2343 East Broadway Boulevard, Suite 202
Tucson, AZ 85719
(520)206-9585

j. **Consultant and/or Applicant Project Reference Number** (if applicable):

Corps File No. 2005-2397

k. **Public Involvement-** Describe how the public has been/will be informed about this project and its potential to affect historic properties. Also summarize how they will have an opportunity to provide comments:

The Applicant intends to hold periodic public forums regarding the remediation project as it is conducted. Although no impacts to historic properties are anticipated as a result of the project, the public will be allowed the opportunity to comment upon the project's impacts to any environmental issue.

- I. **Please list other consulting parties that you have contacted/will contact about this project,** such as Indian Tribes, Certified Local Governments, local officials, property owners, or preservation groups. (See 36 CFR 800.2 for more information about involving other consulting parties). Also summarize how they will have an opportunity to provide comments:

The Applicant will consult with other parties as directed by the Corps and OHPO.

SECTION II. PROJECT DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)

Provide a basic description of your project, its site and geographical information. You will also describe your project's APE. (Please refer to the Directions or contact an OHPO reviewer if you need help with developing the APE.)

Exact project site location must be submitted on a USGS 7.5-minute topographic Quadrangle map for all projects (map sections, photocopies of map sections, and online versions of USGS maps are acceptable as long as the location is clearly marked).

- a. **USGS Quad Map Name:**

Steubenville West

- b. **Township/City/Village Name:**

Cross Creek Township

DOES THIS PROJECT INVOLVE ANY GROUND-DISTURBING ACTIVITY? (check one)

☒ YES ☐ NO (If yes, you must complete II.c through II.f. If no, proceed directly to Section II.g.)

- c. **General description of width, length and depth of proposed ground disturbing activity:**

To be determined upon completion of site characterization activities, as described below in Section II.h.

- d. **Narrative description of previous land use and past ground disturbances, if known:**

Portions of the site were used for underground and strip coal mining in the early 1900s; farming occurred on the Cross Creek floodplain of the southern portion of the site. Both of these activities involved vegetation clearing and minor (grading) or major (excavation) ground disturbance. Beginning in 1958, industrial (ferro-chromium alloy ore processing) activities were conducted; these activities ceased by 1984. The ore processing plant site occupied the floodplain, and processing waste ("slag") was deposited in the former coal mine area as well as along the ridge top. Access roads and railroad spurs were constructed. Utilities included electricity and water supply. The site development for industrial purposes largely obliterated evidence of former (mining and agricultural) uses. Based upon aerial photography, approximately 1/3 of the site has been subject to ground disturbance from the industrial activity.

- e. **Narrative description of current land use and conditions:**

The property is not currently used for any productive purpose. Some materials have been salvaged from the ore processing plant, and trespassing all-terrain vehicle riders use the site recreationally. Preliminary site characterization activities, for the purposes of this project, have included surveying, biological evaluation, jurisdictional delineation (for waters of the United States and regulated wetlands), and biological, slag material, and water sample collection and analysis.

- f. **Does the landowner know of any archaeological resources found on the property?** ☐ YES ☒ NO
If yes, please describe:

- g. Provide a **local map** indicating the location of the project site; road names must be included and legible. Your map must show the exact location of the project site relative to nearby intersections and geographical features:

See Figure 2.

- h. Provide a **detailed written description** of the project. This is a **critical** part of your submission (please see Directions). The information provided must support your analysis of effects to historic properties, not other types of project impacts (do not simply include copies of environmental documents or other types of specialized project reports):

The Former Satralloy Site Remediation project will include site characterization and remediation activities. The approximately 325-acre site was used as a ferro-chromium ore processing facility in the mid-1900s. Two large processing buildings (electrofurnace smelters), a water treatment plant, and some appurtenant buildings are the only structures that remain on-site. The slag material from the processing was deposited on the site in abandoned coal strip mine areas that had been excavated in the early 1900s, as well as along on-site ridge tops. Some slag and other waste products (i.e., baghouse dust) are present in the plant site area as well. The project is intended to remove or isolate source material potentially adversely affecting surface water resources (e.g., Cross Creek).

Site characterization activities are expected to begin in 2007, with a remediation plan developed in coordination with the OEPA thereafter. Remediation activities will be conducted once the remediation plan is agreed upon. A schedule for implementation of the remediation plan will be established at that time. At a minimum, the remaining on-site buildings will be demolished and salvaged, and a surface water management plan will be implemented to minimize surface water contact with potentially hazardous materials. Other remediation options under consideration for the waste material may include, but not be limited to, on-site consolidation and capping, excavation and disposal at an off-site facility, or excavation and re-processing at an off-site facility. Some combination of these alternatives may also be considered.

- i. On the same local map and/or USGS Quad Map, you must clearly **show the project APE**. It should be clearly distinguished from other features shown on the map.

See Figure 1.

- j. Provide a **written description of the APE**, including a discussion of the potential for direct and indirect effects that might result from the project, the steps taken to identify the APE, and the justification for the boundaries chosen (see Directions for additional information).

The APE for the project is preliminarily defined as the property boundary, as shown on the attached Figure 1. The APE will be refined once the site characterization activities are complete.

The ore processing activities are not considered historical (e.g., occurred less than 50 years ago) and the remediation project will focus on the portions of the site impacted by the industrial activities. The remediation project will be temporary and not involve the construction of new facilities or change the land use to a more intensive purpose. Visual, auditory, and sociocultural effects would therefore be temporary as well. Accordingly, the remediation project is not expected to permanently affect any nearby historic properties, either directly or indirectly.

SECTION III. IDENTIFICATION OF HISTORIC PROPERTIES

Describe whether there are historic properties within your project APE. You will use information from your own Field Survey and Background Research to make this determination. See Section III.e for reporting options to help you complete this Section. (Please refer to the Directions or contact an OHPO reviewer if you are unsure about how to identify historic properties for your project.)

- a. **Background Research-** Describe the steps taken to determine whether or not any previously identified historic properties are located in the APE. Please describe the level of effort made to carry out this step (i.e.- OHPO literature review, OHPO Record Search Service, local research methods, use of archival data or county histories). You should also provide a background statement that summarizes the local history of the area being studied.

A standard Phase I Survey literature review has been conducted to identify any previously recorded historic properties within and immediately adjacent to the project area. Inventories and cultural resources reports were examined at the OHPO to determine previous cultural resources surveys within the area, any NRHP recommendations for previously inventoried cultural resources in the immediate area, and to determine if portions of the current project area impacted or were adjacent to previously recorded, significant cultural resources. OHPO internet mapping, in conjunction with an OAI/OHI records search, was consulted and no previous surveys or sites have been recorded within the project area. County histories were also investigated. The Confederate Cavalry led by John Morgan traveled through the Cross Creek river valley in this area, but no cultural resource remnants associated with this event have been previously identified nor are any expected. Please see Section 2 of the attached Cultural Resources literature review report (Weinberger 2007) for a more detailed discussion of the background research methods and results

- b. **Field Survey-** Using one of the formats described in item III.e., provide basic information for all buildings/structures/sites 50 years of age or older that you found to be located in your project APE. Include OHI or OAI numbers (if assigned) and property addresses or vicinity information.

A field survey has not been conducted to date. The literature review described above indicates that no buildings, structures, or sites 50 years of age or older are present within the project APE as defined in Section IIj.

- c. **Eligibility Evaluation-** Describe the current condition, previous disturbances/alterations, and history of any buildings/structures/sites that were evaluated within the project APE. Use the information you found in your Field Survey and Background Research to decide whether there are any buildings/structures/sites in your APE that you found to be eligible for listing or already listed in the National Register of Historic Places (see directions for more info on using the National Register Criteria for Evaluation). If you found that a building/structure/site is located within a listed or eligible historic district, please include the name of that district.

A field survey has not been conducted to date. However, background research suggests that the former Satralloy site has been severely disturbed in several locations through previous mining activities and plant-related activities such as removal of topsoil and rock in preparation for depositing slag piles on the property.

- d. Based on the conclusions you reached in **Section III.c**, please choose one finding. There are:
☐ Historic Properties Present in the APE
☒ No Historic Properties Present in the APE

- e. To complete Section III, you must provide information about buildings/structures/sites that are described in III.a through III.d using one or more of the following reporting options and attach it to this Summary Form.

If you are confused as to which reporting option best fits your project, or you are not sure if your project needs a survey, you may choose to leave Section IIIe. Blank and proceed to Section IV and V. OHPO, after reviewing the partial information, will offer comments as to which reporting option is best suited to document historic properties for your project. Please note that this information will still be required and asking OHPO for initial comments may prolong the review process.

- ☐ **Summary of discussions and/or consultation with OHPO** about this project that demonstrates how the Agency Official and OHPO have agreed that no Field Survey was necessary for this project (typically due to extreme ground disturbance or other special circumstances). Please attach copies of emails/correspondence that document this agreement. You must show how you considered the project's potential to affect both archaeological and historic resources.
- ☐ **A table** that includes the minimum information listed in the OHPO Section 106 Historic Documentation Table, which is generally equivalent to the information found on an inventory form. This information must be printed and mailed with the Project Summary Form. The Section 106 Historic Documentation Table database may also be burned to a CD and mailed with the Project Summary Form. Please label all forms and CDs with the date of your submission and project name, as identified in Section I. a.
- ☐ **Ohio Historic Inventory or Ohio Archaeological Inventory forms.** New inventory forms may be prepared using the OHI.pdf form with data population capabilities, the Internet IForm, or typed on archival quality inventory forms. When buildings/structures/sites have previously been entered into the state inventory, you may simply list their reference numbers. You must also describe the current condition of each resource and your assessment of their eligibility for the National Register of Historic Places. You may update this information on previously completed inventory forms by providing additional information on Continuation Sheets. You may also opt to provide an assessment of the current condition and eligibility of previously surveyed properties in an attachment to this Project Summary Form. Do **not** prepare new inventory forms for previously surveyed properties.
- ☒ **A historic or archaeological survey report** prepared by a qualified consultant that meets professional standards. The survey report should also meet the Secretary of the Interior's Guidelines for Identification and OHPO Archaeological Guidelines. You may also include new inventory forms with your survey, or update previous inventory forms.

The attached survey report is titled *Phase I Cultural Resources Literature Review for the Former Satralloy Property in Cross Creek Township, Jefferson County, Ohio* (Jeffrey W. Weinberger, 2007. Lawhon and Associates, Inc. Westerville, Ohio).

SECTION IV. SUPPORTING DOCUMENTATION

All photos must be keyed to a local map, and should be included as an attachment to this application. OHPO reviewers typically do not visit project sites. You must present enough documentation to clearly show existing conditions at your project site and details about buildings/structures/sites.

- a. Provide photos of the entire project site.

See Plates 1-4, Weinberger 2007, Page 48 and 49

- b. Provide current photos of all buildings/structures/sites that you described in Section III. (Faxed or photocopied photographs are not acceptable. See Directions for more info about photo submissions.) You may also submit photographs taken to/from historic properties from/towards your project site to support your determination of effect in Section V.

No on-site buildings are considered historic properties.

- c. Project plans, specifications, site drawings and any other media presentation that conveys detailed information about your project and its potential to affect historic properties.

As described above, the remediation plan will be prepared in consultation with the OEPA following completion of site characterization activities. Final remediation plans will be forwarded to OHPO

upon completion. As noted elsewhere in this document, it is unlikely that the project will impact historic properties since none are present on-site.

- d. Copies or summaries of any comments provided by consulting parties or the public.

Consultation with other parties or the public has not been conducted to date. Any comments received in response to future consultation will be forwarded to the OHPO.

SECTION V. DETERMINATION OF EFFECT

- a. **For challenging projects, you may provide as much information as possible in Sections I through IV and STOP HERE to ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties, if the public has concerns about your project's potential to affect historic properties, or if there may be challenging procedural issues related to your project.**

☒ Request preliminary comments from OHPO about this project.

- b. If you believe that you have enough information to conclude the Section 106 process, you may be ready to make a determination of effect and ask OHPO for concurrence, after considering public comments:

☐ No historic properties will be affected based on [36 CFR § 800.4(d)(1)]. Please explain how you made this determination:

☐ No Adverse Effect [36 CFR § 800.5(b)] on historic properties. Please explain why the criteria of adverse effect, 36 CFR Part 800.5(a)(1), were found not to be applicable for your project:

☐ Adverse Effect [36 CFR § 800.5(d)(2)] on historic properties. Please explain why the criteria of adverse effect, [36 CFR Part 800.5(a)(1)], were found to be applicable to your project. You may also include an explanation of how these adverse effects might be avoided, reduced or mitigated:

Please print and mail completed form and supporting documentation to:

*Ohio Historic Preservation Office
Attn: Mark J. Epstein, Department Head
Resource Protection and Review
567 East Hudson St,
Columbus, OH 43211-1030*