

February 29, 2024

Transmitted Electronically

Barbara Nielsen
Cyprus Amax Minerals Company
333 N. Central Avenue
Phoenix, AZ 85004

**Re: Satra Concentrates, Steubenville
Remediation Response
Correspondence
Remedial Response
Jefferson County
441001068**

Division of Environmental Response and Revitalization

**Subject: Ohio EPA Approval – Remedial Investigation (RI) Report
Former Satralloy Site, Jefferson County**

Dear Ms. Nielsen:

Ohio Environmental Protection Agency (Ohio EPA) has completed its review of the *Remedial Investigation (RI) Report*¹ for the former Satralloy Site, located in Jefferson County, Ohio. The report was submitted to Ohio EPA by Cypress Amax Minerals Company (CAMC) on May 17, 2023.

As noted by Ohio EPA in previous correspondence and discussions, the Human Health Risk Assessment (HHRA) included as Appendix A of the *RI Report* calculated the risk levels from slag exposure using the outdoor worker scenario. On that basis, the HHRA concluded that only the Lowland Slag-South area exceeded a 1×10^{-5} risk level. After discussion, CAMC agreed that using the composite worker is an appropriate scenario for calculation of risk, and on that basis RI Figure 7.1.1 illustrates that all areas of slag exceed a 1×10^{-5} risk level. These areas form the basis for the on-site consolidate-and-cover remedy described in *Interim Action Workplan Amendment 10*², which was approved by Ohio EPA on February 29, 2024. *Interim Action Workplan Amendment 10* uses a hexavalent chromium concentration of 63 mg/Kg (calculated using the composite worker) as the soil cleanup goal for the site.

¹ <https://edocpub.epa.ohio.gov/publicportal/ViewDocument.aspx?docid=2523644>

² <https://edocpub.epa.ohio.gov/publicportal/ViewDocument.aspx?docid=2731320>

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Based on the agency's review of the *RI Report*, and in recognition of the additional agreements that were reached by the parties regarding risk and the selection of the soil cleanup goal, Ohio EPA hereby approves the *Remedial Investigation Report* for the former Satralloy Site.

If you have any questions, please contact me at (740) 380-5244 or kevin.ohara@epa.ohio.gov.

Sincerely,

Kevin O'Hara

Kevin O'Hara

Geologist

Division of Environmental Response and Revitalization

KO/kp

cc: Kristy Hunt, DERR-SEDO
Melisa Witherspoon, DERR-CO
Lisa Shook, DERR-CO
Sean Smith, DERR-CO