

ENGINEERING CHANGE NOTICE

Project: Former Satralloy Site Slag Removal Interim Action	ECN No.: 003
Project No.: US0033555.9828	Date: 5/16/2025
Engineering Change Notice Name: Slag Placement Against High Wall Adjacent to Borrow Area A	Contract No.: 35862100006-001
Project Feature: Slag Placement	
Affected Documents: Specification Section 02200, Parts 3.3.A and B	
<p>Description of Change: The native bedrock high wall located near the south side of Borrow Area A is nearly vertical, extends up to a height of approximately 50 feet, and consists of blocky sandstone with some loose boulders and sections of cliff that are cleaving off. Considering the safety risk of working adjacent to this high wall, the specifications for slag placement within the consolidated stockpile (Specification Section 02200, Parts 3.3.A and B) are waived in the zone adjacent to the high wall. Instead, within the zone adjacent to the high wall, slag shall be placed as follows:</p> <ul style="list-style-type: none"> Remove vegetation and loose boulders on the upper portion of the high wall with a long reach excavator once slag fill has been placed high enough against the wall to do so safely. Once a trackable fill slope has been placed against the high wall such that native bedrock is no longer visible (i.e., there is no longer a risk for boulders falling out onto equipment operators), slag placement shall resume per Specification Section 02200, Parts 3.3.A and B (placement in maximum 18-inch-thick loose lifts and compaction with a minimum of four passes of a smooth drum vibrating roller, or approved equivalent). Once excavation of Borrow Area A clean fill material is complete, place slag crosswise across the full width of Borrow Area A to avoid having the narrow working zone adjacent to the high wall as exists currently. This would allow for a trackable fill slope against the high wall to be reached sooner. If RECON proposes utilizing water to facilitate slag placement, they should directly contact the WSP Construction Manager prior to adding water. <p>The width and location of the zone adjacent to the high wall where this ECN will apply shall be determined by mutual agreement of RECON and the WSP Construction Manager.</p> <p>RECON shall correspond directly with WSP Construction Management and CAMC Project Management with any cost or schedule impacts as a result of this ECN.</p>	
<p>Justification for Change: Since the specifications for slag placement within the consolidated stockpile (Specification Section 02200, Parts 3.3.A and B, which specify placement in maximum 18-inch-thick loose lifts and compaction with a minimum of four passes of a smooth drum vibrating roller or similar approved equivalent) may expose operators and equipment to undue risk within the zone adjacent to the high wall, operations within this zone should be minimized. This may result in less compaction of slag within this zone, and therefore increased settlement may occur above this area over time. However, the side slope can be regraded prior to placement of the final cover on the stockpile, and repairs can be made as needed during long-term maintenance of the consolidated slag stockpile.</p>	
<p><input type="checkbox"/> Significant Design Change – Regulatory approval of this ECN is required prior to construction</p> <p><input checked="" type="checkbox"/> Insignificant Design Change – No regulatory approval is required</p>	
<p>Prepared by: Vanessa Nancarrow, PE</p>	

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Approvals:

WSP Design Engineer:	<i>Vanessa Nancarrow</i>	Date: May 22, 2025
WSP Project Director:	<i>John</i>	Date: May 22, 2025
WSP Construction Manager:	<i>Cameron Beul</i>	Date: May 22, 2025
CAMC Program Manager:	<i>Barbara K. Nielsen</i>	Date: May 22, 2025
OEPA Site Coordinator:	Not Applicable	Date: _____

Distribution:

<input checked="" type="checkbox"/> Barbara Nielsen	CAMC Program Manager	<input checked="" type="checkbox"/> Rick Meyers	RECON Branch Manager
<input checked="" type="checkbox"/> Jordan Sisson	CAMC Project Manager	<input checked="" type="checkbox"/> Chuck Williams	RECON Project Manager
<input checked="" type="checkbox"/> Jason Pingel	CAMC HSO	<input checked="" type="checkbox"/> Kent Geis	RECON Project Manager
<input checked="" type="checkbox"/> Steve Anderson	WSP Project Director	<input checked="" type="checkbox"/> Jon Richardson	RECON Construction Manager
<input checked="" type="checkbox"/> Brent Barbich	WSP Project Manager	<input checked="" type="checkbox"/> Mark Sackman	RECON SSO
<input checked="" type="checkbox"/> Cameron Beul	WSP Construction Manager	<input type="checkbox"/> Kevin O'Hara	OEPA Site Coordinator
<input checked="" type="checkbox"/> Richard Pletz	WSP HSO	<input checked="" type="checkbox"/> Laura Stodola	WSP Project Files