

**January 2011 Update**

**Sharon Steel Corp. (Midvale Tailings) Superfund Site**

Midvale City, Salt Lake County, Utah  
(Five-Year Review date: 9/21/2009)

***H*ighlights since the 2009 Five-Year Review**

- EPA in August 2009 replaces existing control structures with box culverts placed at a specific elevation to allow flows into and out of the wetlands.
- A geotechnical study is underway to assist the city with redevelopment plans.

**Issues & Recommendations Update**

<b>Issue</b>	<b>Recommendations/Follow-up</b>	<b>Follow-up Actions (Status/Due Date)</b>	<b>Status of Follow-up Actions Jan. 2011</b>	<b>Resp. Party</b>
1) Installation of additional JWCD wells.	UDEQ will monitor groundwater at OU1 in order to evaluate any impacts to groundwater conditions should additional wells be installed by JWCD.	9/30/2014	Addressed in the next five-year review.	UDEQ
2) Monitor well MW1A has been dry for the last five years.	The UDEQ will continue to monitor conditions at MW-1A during the annual ground and surface water monitoring event. However, it is recommended that well MW-4A be monitored and sampled as an alternative.	9/30/2014	Addressed in the next five-year review.	UDEQ
3) MCL for arsenic changed to 10 µg/L, effective January 2006.	Modify groundwater performance standards as appropriate. UDEQ and EPA are currently evaluating the MCL change in order to determine if the new MCL for arsenic should be adopted or if an ACL similar to that established for groundwater at the adjacent Midvale Slag site should be adopted.	3/31/2011	Based on site specific conditions, a decision was made not to change the MCL.	UDEQ/ EPA

Issue	Recommendations/Follow-up	Follow-up Actions (Status/Due Date)	Status of Follow-up Actions Jan. 2011	Resp. Party
4) The aquatic life criterion for arsenic is now 150 µg/L (4-day avg.).	With the exception of MW-7A, arsenic concentrations detected in ground and surface water since July 1997 have remained well below 150 µg/L. Annual monitoring and reporting should continue to be performed in order to evaluate arsenic concentrations in ground and surface water.	9/30/2014	Ongoing	UDEQ
5) Wetland Control Structures are no longer used	This issue is currently being discussed by UDEQ and EPA. EPA plans to replace the existing control structures with box culverts placed at a specific elevation to allow flows into and out of the wetlands.	12/2009	Completed; box culverts constructed 9/21/2009.	UDEQ/ EPA
6) Potential impacts from site redevelopment	The property owner has prepared a Site Modification Plan for redevelopment to ensure that such activities are protective of the remedy. Midvale City administers and enforces institutional controls which set forth requirements and procedures for maintaining the remedy through redevelopment. The Site Modification Plan and ICs should be followed in order to maintain the protectiveness of the remedy.	9/30/2011	Ongoing  Addressed in the next five-year review.	Property Owner/ Midvale City
7) Modification of the O&M Manual	The O&M Manual will be modified as needed to reflect the changing roles and responsibilities of tasks when redevelopment of OU1 occurs.	9/30/2011	Ongoing, based on a geotechnical study to assist the city with redevelopment plans.	UDEQ