

Garfield Avenue  
Group Chrome Sites -  
Al Smith Moving

Case Name:  
PI #:

**IMPORTANT:** 1) Do not delete or copy and paste across multiple columns because it can disrupt hidden equations.  
2) If pasting from a Word document, use the Paste option: **Match Destination Formatting**  
3) If the text turns **red** you have exceeded the character limit for that column

Case Inventory Document Version 1.4 02/23/17

AOC ID	AOC Type	AOC Description	Confirmed Contamination	AOC Status	Status Date	Incident #	DEP AOC Number	Contaminated Media	Contaminants of Concern	Additional Contaminants of Concern	Additional Contaminants of Concern	Applicable Remediation Standard	Exposure Route	Additional Exposure Route	RA Type	Additional RA Type	Additional RA Type	Was an Order of Magnitude Evaluation Conducted?	Activity
ASM-1	Environmental media - Media Soil, including soil vapor pore spaces	Chromate Chemical Production Waste (CCPW)-impacted material likely used as fill	Yes	RAR	4/9/2019			Soil	Metals			AOC Specific ARS and Remediation Standards	Ingestion/Dermal	Inhalation	Excavation				<p>This AOC covers the Al Smith Moving (ASM) Property. Hexavalent chromium (Cr+6) and Chromate Chemical Production Waste (CCPW) metals (antimony, chromium, nickel, thallium, and vanadium) are the primary constituents of concern (COCs) in the area. Remedial investigation of ASM and adjacent properties was documented in the 2012 Remedial Investigation Report (RIR). Due to visible CCPW and Cr+6 encountered during pre-design investigation and remedial activities outside the original extent of contamination reported in the 2012 RIR, additional delineation was required and conducted to the south and east of ASM in Caven Point Avenue and Pacific Avenue. Based on the results of the delineation investigation, delineation of Cr+6 and antimony impacts are complete as documented in the 2018 Caven Point Avenue and Pacific Avenue Delineation Data Package included with the Remedial Action Report (RAR).</p> <p>For the Garfield Avenue (GA) Group sites and adjacent areas (including ASM), the New Jersey Department of Environmental Protection (NJDEP) approved an Alternative Remedial Standard (ARS) for vanadium (V) of 390 milligrams per kilogram (mg/kg) for use in place of the Residential Direct Contact Soil Remediation Standard (RDCSRS). Synthetic Precipitation Leaching Procedure (SPLP) was used to calculate site-specific Impact to Groundwater Soil Remediation Standards (IGWSRS) for antimony (Sb) and nickel (Ni). The site-specific IGWSRS for Sb and Ni are 62.7 mg/kg and 170 mg/kg, respectively.</p> <p>The April 2012 Draft Remedial Action Work Plan (RAWP) (Soil), Revision 2, for the GA Group, presented the plan for excavation and disposal of accessible source material and impacted soil in accordance with the Chromium Policy as the selected remedial action. The Draft RAWP was conditionally approved by the NJDEP. The Final RAWP (Soil) Rev. 4 was submitted in September 2018 and approved in November 2018. Within this AOC, target excavation elevations for the removal of CCPW and COCs in soil were presented in memoranda from PPG to NJDEP between January 2017 and March 2017.</p> <p>The excavation of chromium-impacted soil and the placement of clean backfill in ASM began in August 2017 and was completed in January 2018. Restoration of ASM was completed in February 2018.</p>