SHERWIN-WILLIAMS.

Environmental, Occupational Health & Regulatory Services
101 Prospect Avenue NW
Cleveland, Ohio 44115-1075
Facsimile: (216) 566-2730

Ms. Juanita Bacey
DTSC PM
700 Heinz Ave
Berkeley CA 94710-2721

5 October, 2011

Re: Controls for potential surface soil material tracking on Sherwin Street

On July 20, 2011, a community member raised a concern regarding street sweeping of Sherwin Street. A visual assessment was conducted on that day and, as part of addressing this concern, Sherwin-Williams and their contractors Envirocon, and CDM re-evaluated the need for street sweeping of Sherwin Street. Based on Sherwin Street being outside the truck route and anticipated low accumulation of soil through vehicle tracking, it was agreed to stop street sweeping on Sherwin Street. Envirocon stopped street sweeping of Sherwin Street on July 20, 2011. Street sweeping of the truck route to approximately 24th Street, including the on-site truck ramp and Halleck Street, continued.

On September 6, 2011, CDM conducted another visual inspection of Sherwin Street and collected street surface soil material samples along Sherwin Street and other adjacent streets (lab results enclosed). The arsenic concentrations collected from Sherwin Streets were compared to the samples from surrounding streets, including the project truck route along Halleck Street. The results confirmed the need for resuming street sweeping on Sherwin Street. These concentrations along Sherwin Street are similar to those from non-hazardous soil being removed via trucking from the site.

The project's June 29, 2011 Remedial Design and Implementation Report (RDIP) states that "Envirocon will utilize street sweeping equipment, on an as-needed basis, whenever visible soil material is carried onto adjacent public streets." At the start of the project off-site trucking, on June 30, 2011, Envirocon initiated street sweeping along the truck route to approximately 24th Street, including Halleck Street and the access ramp between Halleck Street and the project decontamination station, and outside the truck route on Sherwin Street. These public streets were identified with potential for accumulation of visible soil material.

Sherwin-Williams, CDM, and Envirocon have reassessed procedures for egress of vehicles and personnel from the project site and have reviewed decontamination procedures with staff and contractors with respect to potential soil material tracking from the project site. The results from this review include the following actions/conclusions: (1) the resumption of street sweeping on an as needed basis of Sherwin Street; (2) increased daily passes of the street sweeper on the access ramp between Halleck Street and the project decontamination station; and, (3) continued daily street sweeping of the truck route to approximately 24th Street during active trucking operations.

Sherwin-Williams, CDM, and Envirocon will continue to monitor and assess these controls and conditions.

If you would like any additional information or to discuss these actions please contact myself or David Cline of CDM.

The Sherwin-Williams Co

Larry Mencin

Attachment: Street Surface Soil results Memo
cc: Jeff Rankin, Envirocon
David Cline, CDM

Memorandum

To: *Larry Mencin, Sherwin-Williams*

From: *Pawan Sharma, CDM*

Date: *September 28, 2011*

Subject: *Street Surface Soil Material Sampling, Sherwin-Williams Remediation Project, 1450 Sherwin Street, Emeryville, CA*

This memorandum presents the field sampling details and results from street surface soil material sampling conducted by CDM on September 6 and 7, 2011 at the subject project's adjacent streets and vicinity streets.

Sample Locations

Figure 1 presents the 14 locations for street surface soil material sampling. The project's traffic control plan is utilized for the background of this sample location map. Table 1 lists the sample locations and provides their descriptions.

Sampling Procedures

At each sample location, a bulk sample of approximately 5 grams was collected using a disposable paint brush and disposable stock paper, and then transferring the acquired soil material into a plastic bag. Each bag labeled, then double-bagged, and placed in a cooler with ice.

The area utilized for sample collection varied by location, given the amount of soil material present in the area. Care was taken to suspend as little dust as possible during collection. In selected areas, as discussed above, soil material was brushed out of crevices in the street. This was done in order to acquire the needed amount of sample due to lack of sufficient amounts of soil material on street surfaces. These crevices varied from narrow, shallow cracks to wider gap nearly one-inch in depth.

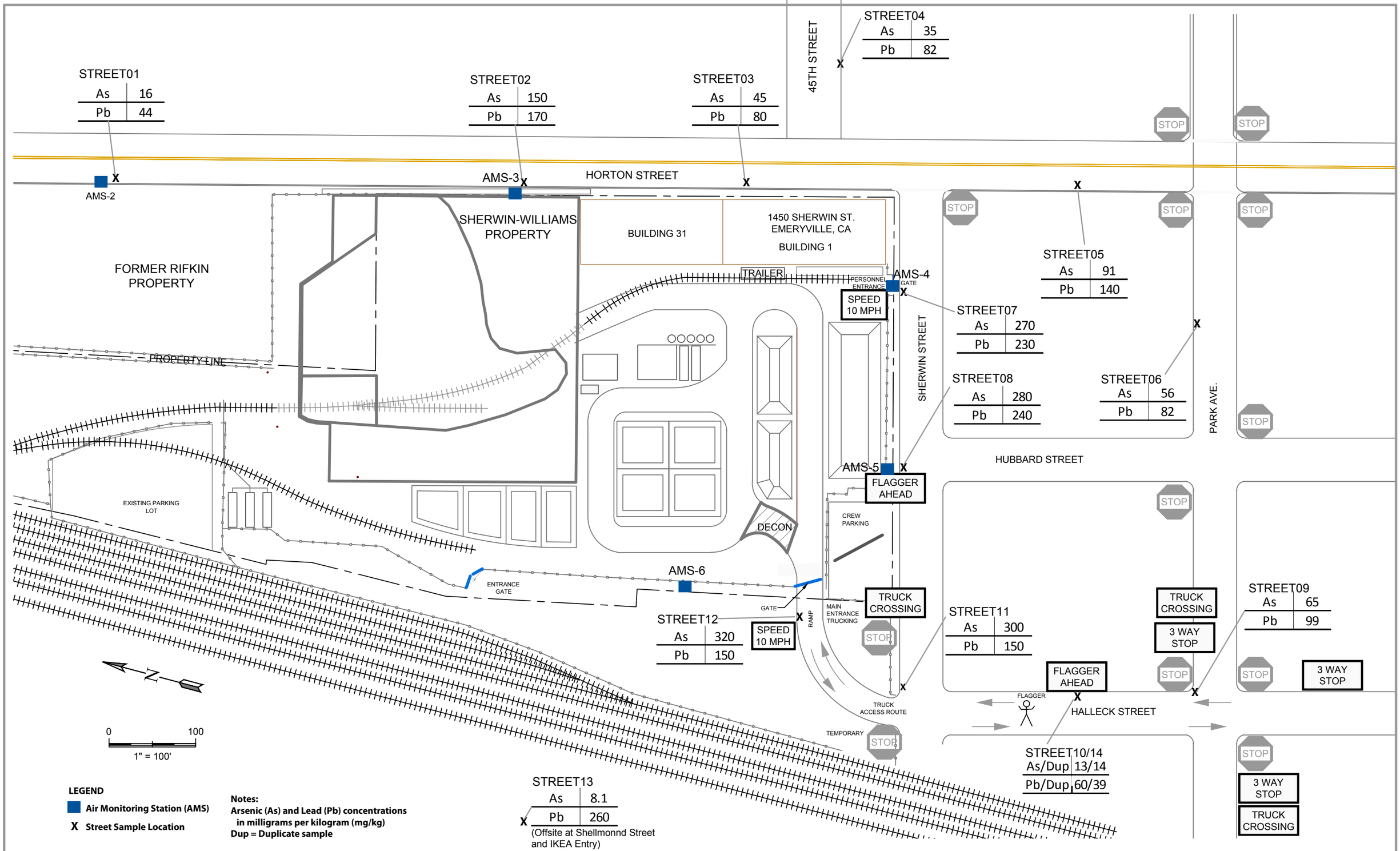
The samples were submitted to TestAmerica Laboratories, Inc. of Pleasanton, California (TestAmerica) under standard chain-of-custody protocols.

Laboratory Analysis

CDM directed TestAmerica to sieve the samples using a sub-250 micron screen and then to analyze the sub-250 micron sub-samples for total arsenic and total lead (EPA Method 6010B). The sub-samples containing soil material larger than 250 microns were not analyzed.

Analytical Results

Table 1 presents a summary of the total arsenic and total lead results for these street sub-250 micron sub-samples. These results are also presented on Figure 1 by each location.



CDM

Figure 1
Street Sample Locations and Analytical Results
Sherwin-Williams Company – Emeryville, California

Table 1
Summary of Arsenic and Lead Sampling Results for Street Surface Soil Material Samples
Sherwin-Williams, Emeryville, CA Site

Sample Location	Sample Date	Sample Description	Total Arsenic Concentration (mg/kg)	Total Lead Concentration (mg/kg)
STREET01	9/6/2011	Within the concrete gutter, at western side of Horton Street, about 800 feet north of 45th Street	16	44
STREET02	9/6/2011	Within the concrete gutter, at western side of Horton Street, about 330 feet north of 45th Street	150	170
STREET03	9/6/2011	Within the concrete gutter, at western side of Horton Street, about 80 feet north of 45th Street	45	80
STREET04	9/6/2011	Within the concrete gutter and asphalt pavement crevices, at southern side of 45th Street, about 120 feet east of Horton Street	35	82
STREET05	9/6/2011	Within the concrete gutter and asphalt pavement crevices, at western side of Horton Street, about 180 feet south of Sherwin Street	91	140
STREET06	9/6/2011	Within the concrete gutter and asphalt pavement crevices, at northern side of Park Avenue, about 180 feet west of Horton Street	56	82
STREET07	9/6/2011	Within asphalt pavement crevices, at northern side of Sherwin Street, about 150 feet west of Horton Street	270	230
STREET08	9/6/2011	Within asphalt pavement crevices at northern side of Sherwin Street, at Hubbard Street (350 feet west of Horton Street)	280	240
STREET09	9/6/2011	Within the concrete gutter at northeast corner of Park Avenue and Halleck Street intersection	65	99
STREET10	9/6/2011	Within the concrete gutter at eastern side of Halleck Street, 170 feet north of Park Avenue	13	60
STREET11	9/6/2011	Within the concrete gutter at northeast corner of Sherwin Street and Halleck Street intersection	300	150
STREET12	9/6/2011	Onsite project area at termination of asphalt ramp to decontamination pad	320	150
STREET13	9/7/2011	Within the concrete gutter at intersection of Shellmound Street and IKEA Entry	8.1	260
STREET14	9/6/2011	Duplicate for STREET10 sample location	14	39

Notes:

mg/kg = milligrams per kilogram

Results are from sub-250 micron sub-samples from street surface soil material samples collected.