

## Detterman, Mark, Env. Health

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**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, October 24, 2013 9:48 AM  
**To:** 'Cem Atabek'  
**Cc:** Kris Larson  
**Subject:** RE: 540 Cleveland Avenue remediation

Cem,  
Thanks for the site update. I think that for the new pits and the metals shaving area, if you adhere to the sampling protocols that were developed for the site as a whole, you should be fine. It should be a simple matter of justifying the sample collection locations within that context. The relocation of S-1 looks reasonable. The collection of confirmation samples around the perimeter and at the base of the new pits excavations, and the metals shaving area you describe, should be adequate to characterize and hopefully confirm removal of contaminants of concern at the site, to the depth of the associated excavations. Obviously any concentrations above target goals would be further removed.

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*PDF copies of case files can be downloaded at:*

*<http://www.acgov.org/aceh/lop/ust.htm>*

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**From:** Cem Atabek [<mailto:catabek@ninyoandmoore.com>]  
**Sent:** Wednesday, October 23, 2013 5:26 PM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Kris Larson  
**Subject:** 540 Cleveland Avenue remediation

Hi Mark, I wanted to let you know of some findings at the 540 Cleveland Avenue site in Albany after our first day of remediation, and our proposed approach to address these findings. I have attached a markup showing the features I wanted to discuss. There are 3 concrete foundations of former pits which were previously buried beneath the slab of the building. These are indicated as pits on the markup and two are located near EX7 and one is located near EX5. The walls of the pits were broken off down to a depth of approximately 4 to 5 feet below grade during the building demolition, however the concrete bases of the pits remain. The bases reportedly extend up to 10 to 15 feet bgs, so they can't be removed. The concrete base in the northwest corner of EX7 is preventing us from collecting a sidewall confirmation sample in the originally planned location of S-1 at a depth of 4.5 feet bgs, so were planning to collect the confirmation sample to the south of the concrete foundation.

We plan to incorporate the other two pits into the adjacent remedial excavations, and we will remove any obviously impacted soil from around the pits and collect confirmation samples from the sidewalls around the pits and analyze them for TPHho, PAHs, and Title 22 Metals.

There is also an area where metals shavings are present on the ground surface near the middle of the southern site boundary. The metal shavings were buried beneath the former concrete slab. We will be removing the soil with metals shavings, creating a segregated stockpile or drumming the soil depending on the volume, and collecting confirmation samples from the area of removal and analyzing the samples for Title 22 Metals.

Please let us know if you have any questions or concerns regarding this information. It would probably be helpful to visit the site to look at the conditions and discuss things if you are available to do so. I am the current field oversight person, so please give me a call to discuss further or schedule a time to visit the site this week. We are having trouble receiving e-mails on our work phones, but you can reach me on my work cell at 510-772-7418, or on my personal cell phone at 949-285-6087.

Thanks,

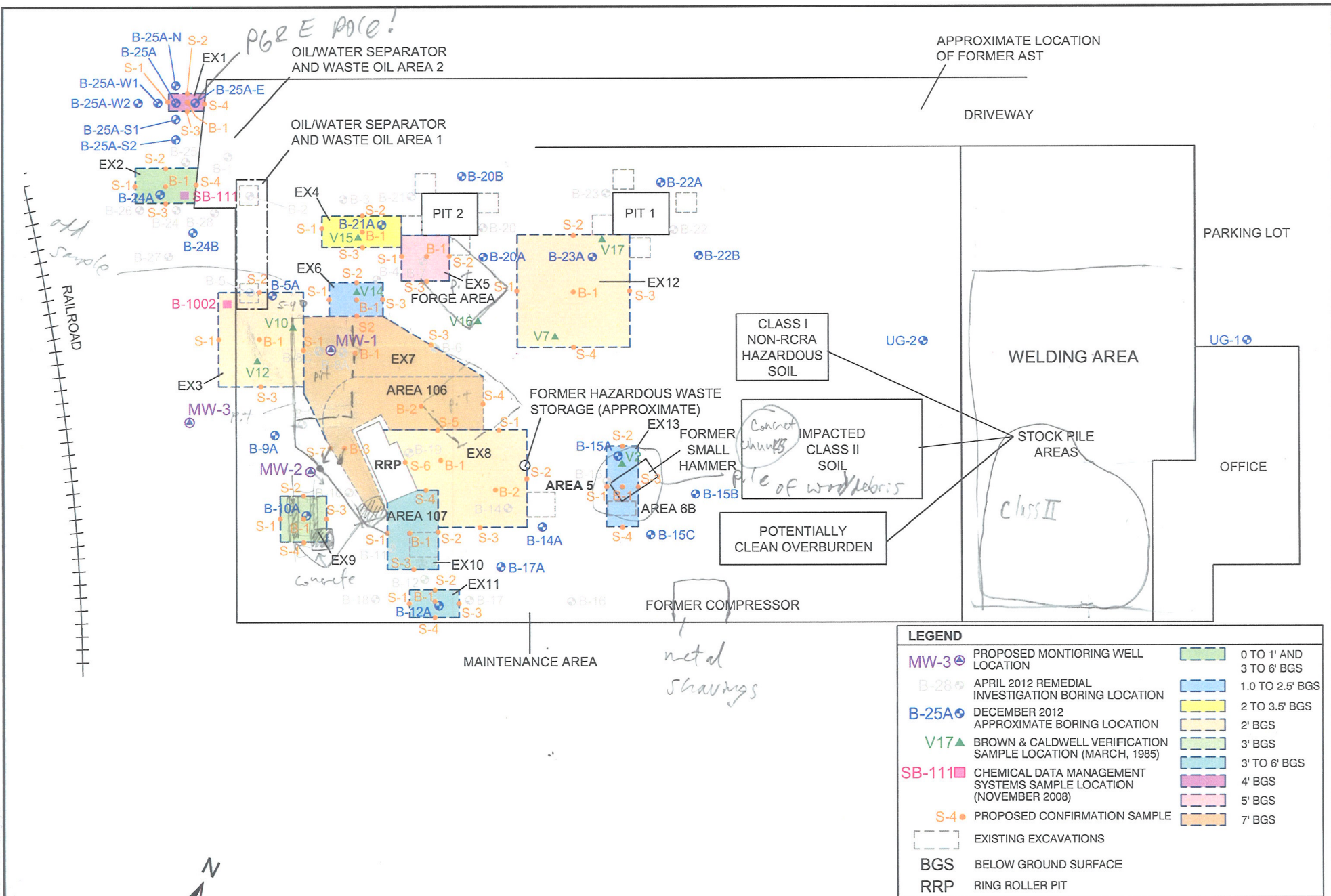
-Cem

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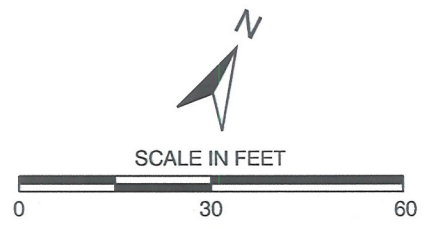
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LEGEND		
MW-3	PROPOSED MONTIORING WELL LOCATION	0 TO 1' AND 3 TO 6' BGS
B-28	APRIL 2012 REMEDIAL INVESTIGATION BORING LOCATION	1.0 TO 2.5' BGS
B-25A	DECEMBER 2012 APPROXIMATE BORING LOCATION	2 TO 3.5' BGS
V17	BROWN & CALDWELL VERIFICATION SAMPLE LOCATION (MARCH, 1985)	2' BGS
SB-111	CHEMICAL DATA MANAGEMENT SYSTEMS SAMPLE LOCATION (NOVEMBER 2008)	3' BGS
S-4	PROPOSED CONFIRMATION SAMPLE	3' TO 6' BGS
[ ]	EXISTING EXCAVATIONS	4' BGS
BGS	BELOW GROUND SURFACE	5' BGS
RRP	RING ROLLER PIT	7' BGS

REFERENCE: MASTER LAYOUT FIGURE, CDMS, 1998, REV. 2008, NINYO & MOORE MEASUREMENTS OCTOBER 2011.



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

		<b>LATERAL AND VERTICAL EXCAVATION BOUNDARIES AND CONFIRMATION SAMPLING</b>	WESTERN FORGE & FLANGE 540 CLEVELAND AVENUE ALBANY, CALIFORNIA	FIGURE
				PROJECT NO. 401823001 DATE 7/13