

Detterman, Mark, Env. Health

From: Dwight Hoenig [dwight@turnermaclane.com]
Sent: Friday, November 06, 2015 10:38 AM
To: Detterman, Mark, Env. Health; Paul Meuser; Jenilee Houghtailing
Subject: Re: Status and additional sampling data for 1315 Court Street, Alameda

Thanks Mark...with that minor addition....we shall proceed!
Dwight

On Fri, Nov 6, 2015 at 10:20 AM, Detterman, Mark, Env. Health <Mark.Detterman@acgov.org> wrote:

Dwight,

Thanks for the update, and thanks for the extra effort to define the extent of contamination. Your approach appears reasonable in regards to the length of the excavation along the wall; however, due to the imprecision of soil sampling and the ability of soil vapor to travel, I would request that a small box excavation be conducted centered on 8-A (to mid points between adjacent vapor readings) due to a soil vapor concentration (13.15 ug/m³) higher than at 9-E (9.87 ug/m³) which also yielded a soil concentration of 13.0 mg/kg mercury. This extra step appears appropriate due to potentially scattered mercury "disposal" at the address, and to ensure all residual mercury contamination is removed.

Should you have questions, please let me know.

Mark Detterman

Senior Hazardous Materials Specialist, PG, CEG

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PDF copies of case files can be downloaded at:

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

From: Dwight Hoenig [mailto:dwight@turnermaclane.com]
Sent: Friday, November 06, 2015 7:51 AM
To: Detterman, Mark, Env. Health
Cc: Paul Meuser; Jenilee Houghtailing
Subject: Status and additional sampling data for 1315 Court Street, Alameda

Good afternoon Mark:

Thanks much for your letter approving our removal workplan... with requisite amendments as specified.

It is our intention to proceed with implementation of the proposed project including your requested ammendments, and we will keep you appraised of our anticipated field start date.

In the interim...with the intent of narrowing some of the uncertainty associated with the anomalous field instrument readings from the initial investigation...we have collected and analyzed 12 additional soil samples from the locations you suggested, as well as an additional location (6-G) which we utilized to confirm a clean soil horizon located approximately 9 ft. from presumed point of release.

That data is provided in the enclosed attachments along with a couple of photos taken during that sampling...and a copy of our previous Figure #3 which will give you a reference for those sampling locations and the associated Vapor Readings from the original sampling.

As you will see...the new sampling data indicates that all values were reported well below the RSL values with the exception of the shallow soil sample at location 9-E. We intend to use this data to modify the original excavation plan to now expand removal to include this 9-E location, while shortening the overall length of the trench excavation to the location of sample point 6-G.

(all of this data as well as the the certified analytical reports, will be included in the final Removal Action Completion Report.)

As always...please do feel free to call or write with any questions you may have.

Regards, Dwight

Dwight Hoenig

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Supplemental Soil Data: 1315 Court Street
Samples Collected by Dwight Hoenig, Oct. 25, 2015

Location and Depth	Reported Concentration (mg/kg)
8-A: 6 inches	0.25
8-A: 18 in.	0.30
9-A: 6 in.	0.26
9-A: 18 in.	0.22
9-D: 6 in.	0.71
9-D: 18 in.	0.17
9-E: 6 in.	13
9-E: 18 in.	0.39
7-F: 6 in.	0.47
7-F: 18 in.	0.32
6-G: 6 in.	0.36
6-G: 18 in.	0.34

RWQCB Environmental Screening Level Value: 6.7 mg/kg.

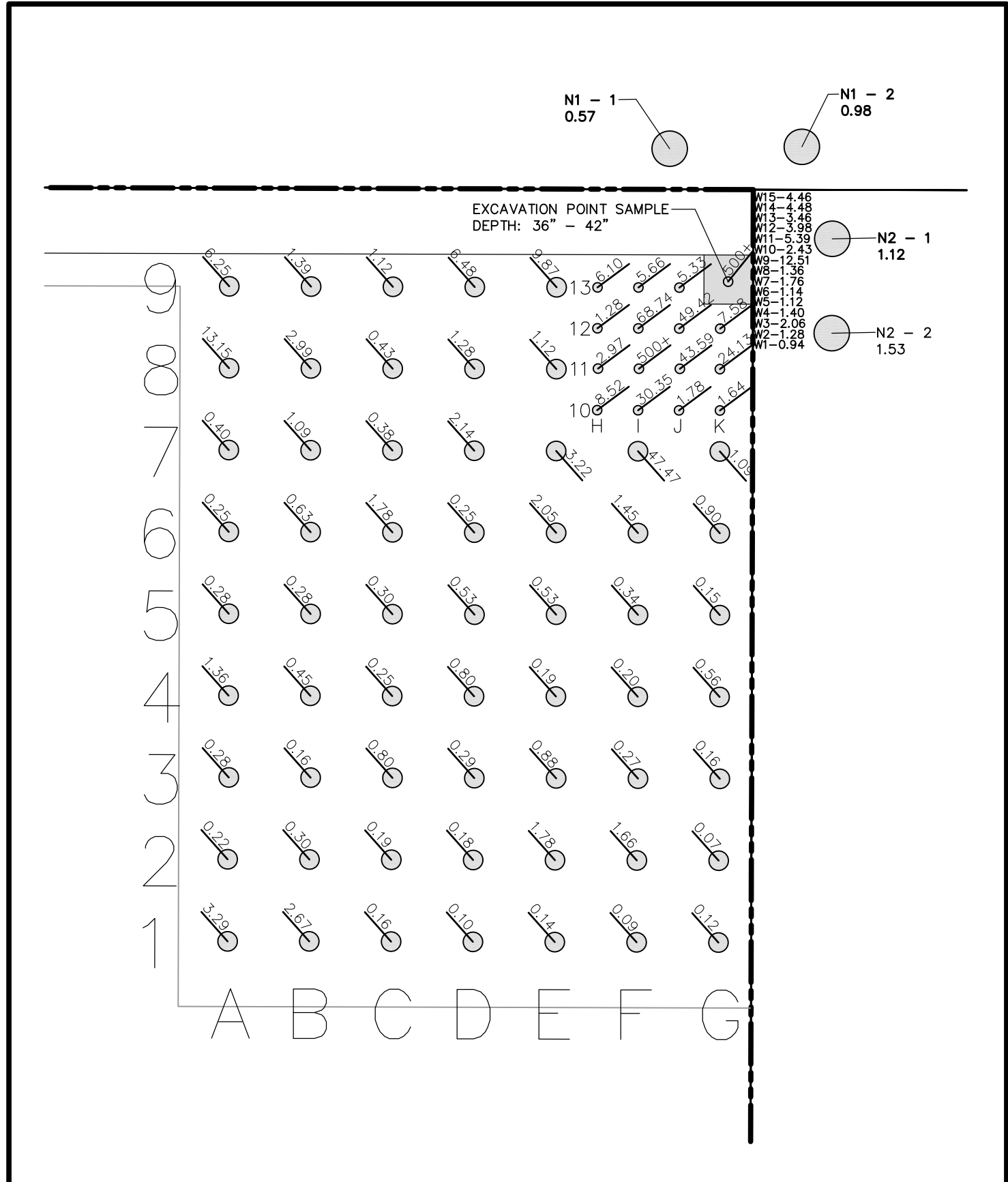
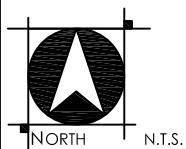


FIGURE #3

FIELD MERCURY VAPOR READINGS





Project No. 1315 Court St. Alameda CA.	Description	Small scale Mercury "Blebs" released from concrete bricks	Photo Date Oct 24, 2015
	Name	Defined release point at base of concrete block wall	



Project No. 1315 Court St. Alameda, CA.	Description	Sampling location is at the base of the wall, approximately 9 ft. from the defined release point	Photo Date Oct. 24, 2015
	Name	Sampling point 6-G shown by arrow at the base of block wall	