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By Alameda County Environmental Health at 2:51 pm, May 16, 2014

May 13, 2014

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: Perjury Statement and Report Transmittal
1620-1640 Park Street (Parcel B)
Alameda, California 94501
AEI Project No. 298931
ACEH RO#0000008

Dear Ms. Detterman:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached report for the above-referenced site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to call me or Mr. Peter McIntyre at AEI Consultants, (925) 746-6004.

Sincerely,



John Buestad
President

JB/pm

Attachment: AEI Consultants, *TCE Evaluation Addendum*

cc: Mr. Peter McIntyre, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597



May 13, 2014

Alameda County Environmental Health Department
Attn: Ms. Karel Detterman
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: TCE Evaluation Addendum
1630 Park Street, Parcel B
Alameda, California
AEI Project No. 298931
ACEH Fuel Leak Case No. RO0000008

Dear Ms. Detterman:

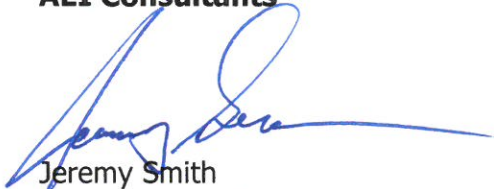
This *TCE Evaluation Addendum* has been prepared by AEI Consultants (AEI) on behalf of Foley Street Investments (FSI), developer of the subject site. This addendum was requested by the Alameda County Environmental Health Department (ACEHD) in an electronic mail correspondence dated May 5, 2014 which requested additional information regarding foundation construction of down-gradient properties to supplement the *TCE Evaluation* dated April 30, 2014. This addendum has been prepared to provide the ACEHD with this information.

On May 6, 2014, a visual inspection of several properties indicated that the immediately down-gradient residential properties were either constructed with a crawl-space or slab on grade construction. Approximately 55 feet beyond the first residential row was a residential building constructed with a lower level approximately 3 feet below grade over a crawl-space. This residential home is approximately 275 feet from the estimated extent of the TCE plume. To the north, a residential property was constructed on slab, approximately 1 foot below grade. This property is also approximately 275 feet from the estimated extent of the TCE plume. No basements with exception to the properties described above were observed. See the attached Figure 1 for location of the residences discussed above.

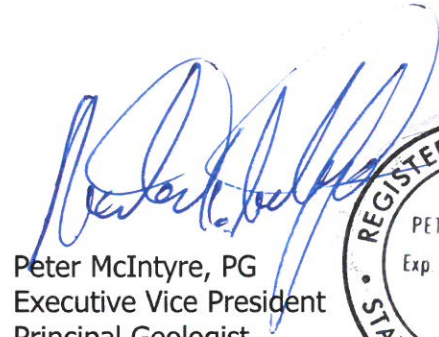
Based on correspondence from the Department of Toxic Substances Control (DTSC), it is AEI's understanding that the DTSC recommends using the same attenuation factor for a crawl space as with a slab on grade construction when evaluating soil vapor data for vapor intrusion. Based on this, no distinction between residences observed with a crawlspace and slab on grade has been made. Observations made during the recent site inspection, indicating the lack of a basement feature on the nearest residential properties, confirm that the evaluations and conclusions discussed in the *TCE Evaluation* dated April 30, 2014 are appropriate. Therefore, on behalf of FSI, AEI requests that the ACEH consider the question of potential offsite vapor intrusion resolved and proceed with case closure evaluation.

If you have any questions regarding this addendum, please do not hesitate to contact the undersigned at (925) 746-6000.

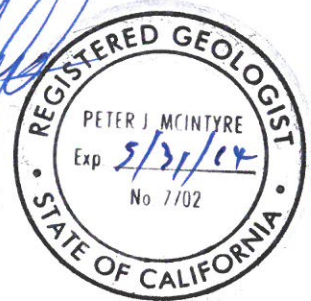
Sincerely,
AEI Consultants



Jeremy Smith
Senior Project Manager



Peter McIntyre, PG
Executive Vice President
Principal Geologist

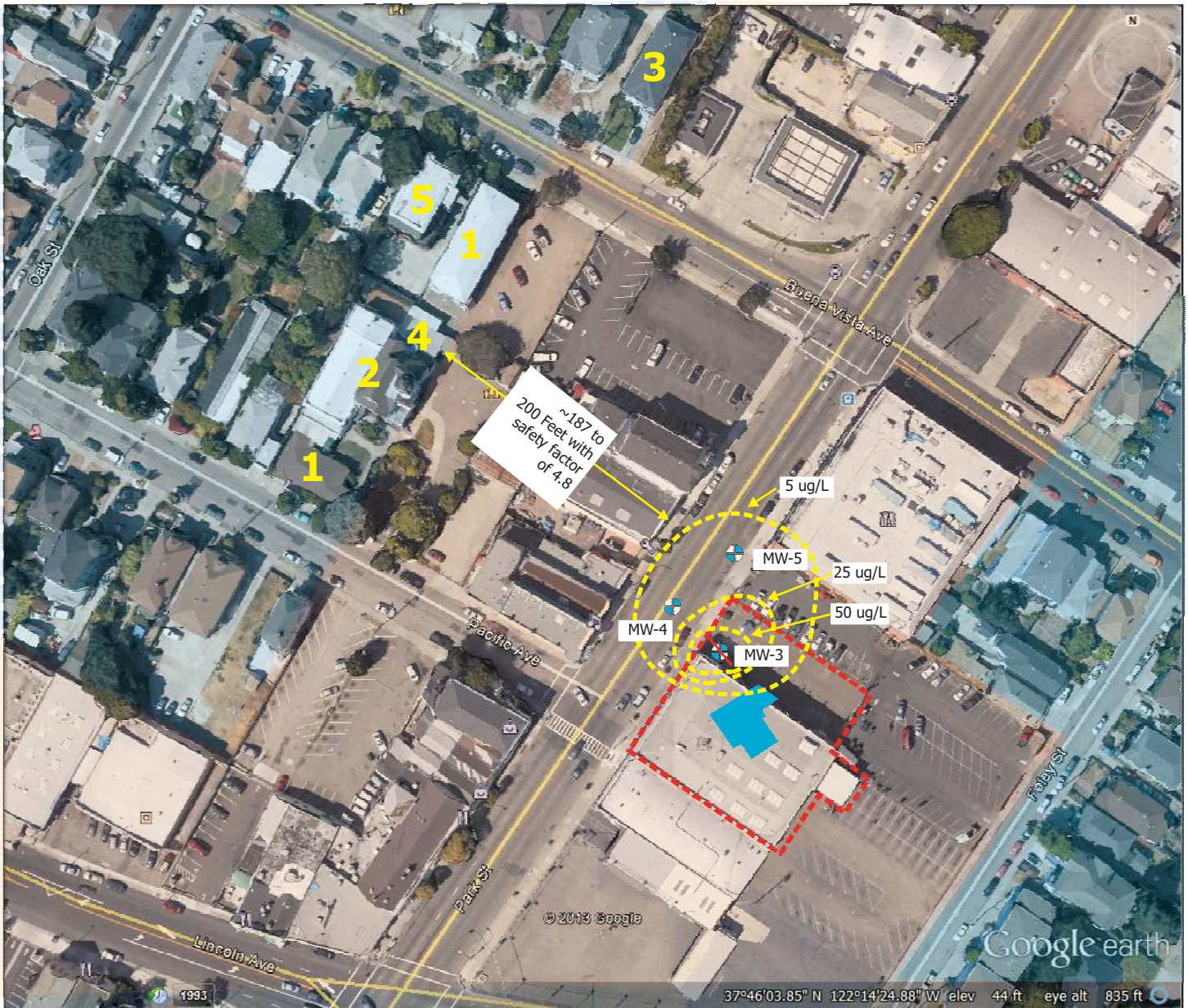


Attachments

Figure 1: Estimated TCE in Groundwater

Distribution

John Buestad, Foley Street Investments (electronic copy)
Karel Detterman, Alameda County Environmental Health Department (FTP Upload)
GeoTracker (Upload)










Residential Construction Key

- 1 = Slab on Grade
- 2 = Crawl-Space
- 3 = Slab on Grade ~ 1 foot bgs
- 4 = Shed/roof structures on grade
- 5 = 3' below grade basement with crawl-space

Historical Groundwater Flow Direction

LEGEND

- Subject Property 
- 2013 Excavation Extents 
- Existing Groundwater Monitoring Well 
- Former Groundwater Monitoring Well 
- Commercial Property 
- Residential Property 
- TCE Isoconcentration (ug/L) 



0' 110'
APPROX. SCALE: 1 in = ~110 ft

ESTIMATED TCE GROUNDWATER	
1630 PARK STREET ALAMEDA, CALIFORNIA	
FIGURE 1	AEI Consultants
JOB NO: 298931	