

## Detterman, Mark, Env. Health

---

**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, November 07, 2013 9:04 AM  
**To:** 'Cem Atabek'  
**Cc:** Kris Larson  
**Subject:** RE: Proposed Import Fill Source for 540 Cleveland Ave.

Cem and Kris,

Based on the information submitted, ACEH is in general agreement that the fill appears appropriate for the Western Forge and Flange site. While not anticipated, should signs of contamination become visible, analytical sampling, or fill soil load rejection, would be appropriate.

Would you resubmit the letter and attachments without protection? We won't be able to resave the attachment to the case file otherwise.

Thanks,

*Mark Detterman*  
*Senior Hazardous Materials Specialist, PG, CEG*  
*Alameda County Environmental Health*  
*1131 Harbor Bay Parkway*  
*Alameda, CA 94502*  
*Direct: 510.567.6876*  
*Fax: 510.337.9335*  
*Email: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)*

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

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

---

**From:** Cem Atabek [<mailto:catabek@ninyoandmoore.com>]  
**Sent:** Tuesday, November 05, 2013 2:51 PM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Kris Larson  
**Subject:** RE: Proposed Import Fill Source for 540 Cleveland Ave.

Hi Mark, attached is the letter report to document our evaluation of the proposed source of imported fill material for 540 Cleveland Ave. Please let us know as soon as you can whether ACEH approves this soil or if anything further would be required.

Thanks,

-Cem

Cem R. Atabek  
Senior Project Engineer  
**Ninyo & Moore**  
Geotechnical & Environmental Sciences Consultants  
1956 Webster Street, Suite 400  
Oakland, California 94612  
(510) 343-3000 (ext.15202)  
(510) 343-3001 (Fax)  
[catabek@ninyoandmoore.com](mailto:catabek@ninyoandmoore.com)

New San Jose office  
2149 O'Toole Avenue, Suite 10  
San Jose, CA 95131  
(408) 435-9000  
(408) 435-9006 (Fax)

Experience · Quality · Commitment

-----Original Message-----

**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Monday, November 04, 2013 1:31 PM  
**To:** Cem Atabek  
**Cc:** Kris Larson  
**Subject:** RE: Proposed Import Fill Source for 540 Cleveland Ave.

Cem,

Thanks for the info. I'd request that the information be submitted in a very brief letter report with a professional signature and stamp to document your professional judgment.

Thanks,

*Mark Detterman*  
*Senior Hazardous Materials Specialist, PG, CEG*  
*Alameda County Environmental Health*  
*1131 Harbor Bay Parkway*  
*Alameda, CA 94502*  
*Direct: 510.567.6876*  
*Fax: 510.337.9335*  
*Email: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)*

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

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

---

**From:** Cem Atabek [<mailto:catabek@ninyoandmoore.com>]  
**Sent:** Friday, November 01, 2013 6:54 PM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Kris Larson  
**Subject:** Proposed Import Fill Source for 540 Cleveland Ave.

Hi Mark, attached are the lab results and soils report with boring logs for the proposed import fill source for 540 Cleveland Ave.

As I mentioned over the phone, we reviewed a Phase I ESA for the site and didn't find anything of concern with the exception of the adjacent gas station. There was extensive analysis performed on the soil with the exception of TPHg; however, the adjacent gas station case had been closed for a while, and there were no detections of VOCs or any significant concentrations of TPHd or TPHmo in the soil. Additionally, based on the depth of ground water (below 30 feet bgs) and the depth of excavation for this source (15 to 20 feet bgs), we feel that impacts from TPHg in soil from the adjacent gas station are unlikely.

There are some minor concentrations of pesticides, however they are well below ESLs. There is also one concentration of arsenic at 7.4 mg/kg, which slightly exceeds our cleanup goal of 7 mg/kg; however, most of the arsenic concentrations are much lower so the average or 95% UCL would be well below the cleanup goal.

We feel that this proposed import fill source is acceptable for use as backfill material at the 540 Cleveland Avenue site. Please let us know if the County approves this import source or if anything further is needed.

Thanks,

-Cem

Cem R. Atabek  
Senior Project Engineer

**Ninyo & Moore**

Geotechnical & Environmental Sciences Consultants  
1956 Webster Street, Suite 400  
Oakland, California 94612  
(510) 343-3000 (ext.15202)  
(510) 343-3001 (Fax)  
[catabek@ninyoandmoore.com](mailto:catabek@ninyoandmoore.com)

**New San Jose office**  
**2149 O'Toole Avenue, Suite 10**  
**San Jose, CA 95131**  
**(408) 435-9000**  
**(408) 435-9006 (Fax)**

**Experience · Quality · Commitment**