

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, August 26, 2014 1:14 PM
To: 'Debra Moser'
Cc: Mike Rogers
Subject: RE: ABF drilling progress - separate phase hydrocarbons encountered

Hi Debra,
That's an unfortunate complication...and would be somewhat unexpected at that location, but thanks for the news.

I am in agreement with your recommendation; it should help limit the extent of the material released.

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

PDF copies of case files can be downloaded at:

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

From: Debra Moser [<mailto:djm@tsgcorp.net>]
Sent: Tuesday, August 26, 2014 12:57 PM
To: Detterman, Mark, Env. Health
Cc: Mike Rogers
Subject: ABF drilling progress - separate phase hydrocarbons encountered

Hi Mark,
Just left you a voicemail; this email is a follow up.

We are drilling the shallow borings at ABF Oakland today, to do the HVOC delineation inside the maintenance building. (Map attached)

I just got a call from the field, with a report that the groundwater at the boring next to SG-6/SVP-2 has separate-phase hydrocarbons, with gasoline odor. Photo attached; looks like about 3 inches of separate-phase. Groundwater was encountered at about 7 feet deep. They say the TPH smells like fresh gasoline. Shallow soils at that location appear clean. We are not collecting a groundwater sample at this location.

The borings to the west and south of the one in question are complete, with no unusual results. The boring to the north is in progress, and no TPH field evidence at groundwater. Still have one boring to the north and one to the east to complete.

In view of this unexpected find, we recommend testing the groundwater for TPHg, TPHd, and BTEX, in addition to PCE and breakdown products.

Please confirm if this plan is ok with you, and if there is any additional reporting we need to do.

Thanks,
Debbie

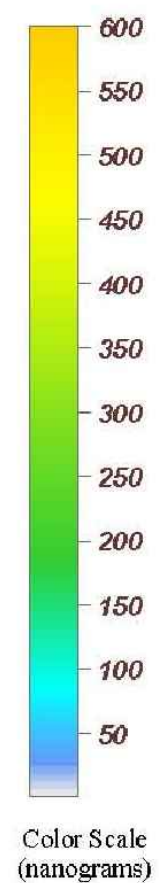
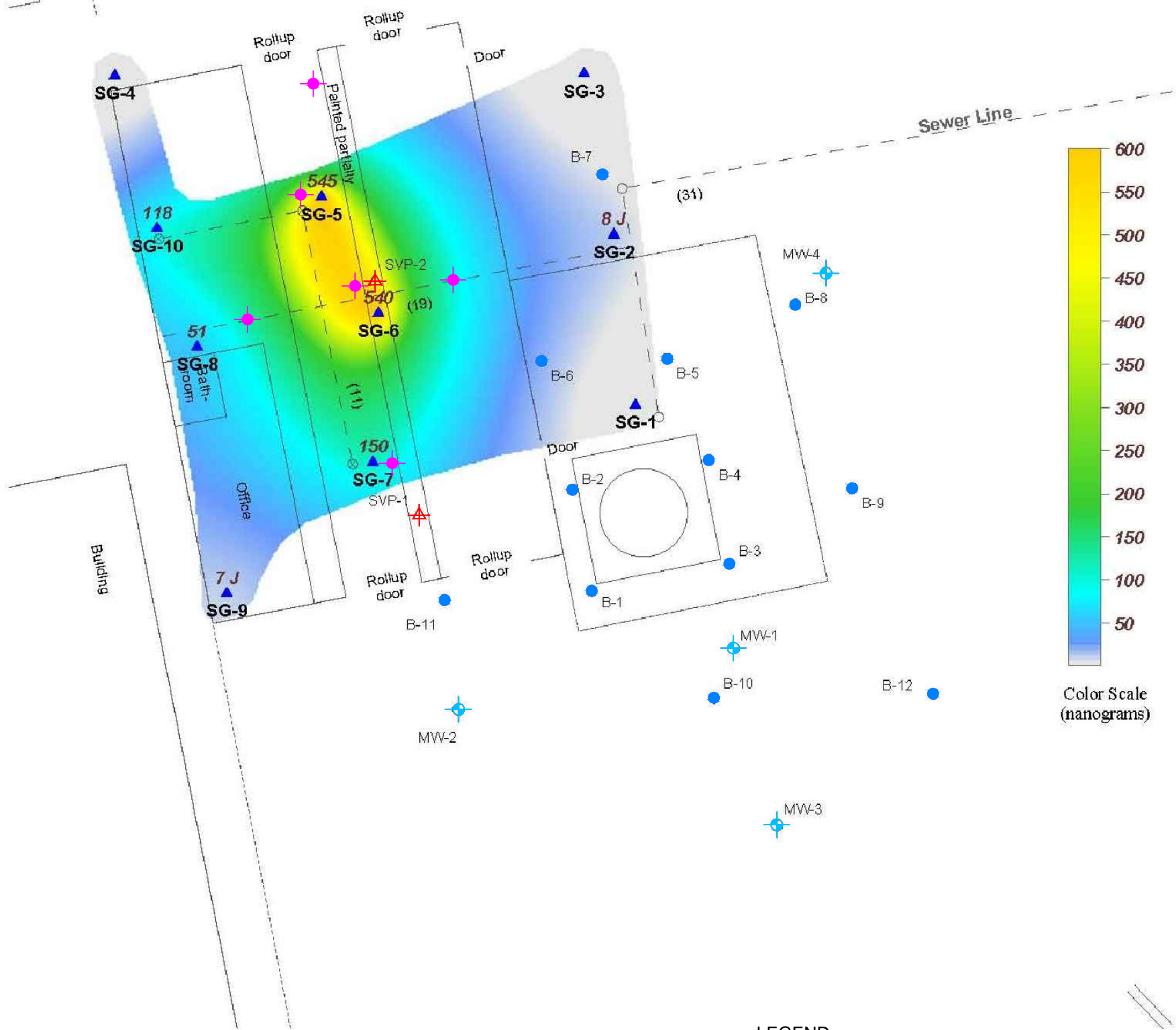
Debra J. Moser, PG, CEG, CHG
Senior Geologist
Trinity Source Group, Inc.
119 Encinal Street
Santa Cruz, CA 95060

We have moved!
Please note our new address.

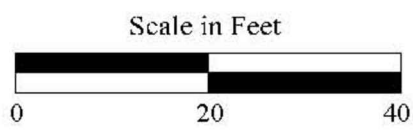
Tel: (831) 426-5600
Fax: (831) 426-5602

Visit our website at: www.trinitysourcegroup.com

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- LEGEND:**
- SVP-2 Sub-Slab Vapor Probe
 - B-12 Soil Boring
 - MW-2 Monitoring Well
 - SG-10 Passive Soil Gas Sample
 - Proposed Soil Boring Location
 - PCE Tetrachloroethene
 - 8 J Nanograms/Sampler (J = Estimated value)



Base Map from Google Earth, Inc. and Beacon Environmental Services, Inc.

REF. 154_001\154.008.001 fig3.dwg

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source group, inc.
Environmental Consultants

119 Encinal Street
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

PCE PASSIVE SOIL GAS SURVEY AND PROPOSED BORING LOCATIONS

ABF Freight System Facility
4575 Tidewater Ave.
Oakland, California

PROJECT:
154.008.001

FIGURE:
3



30ft
ft
in

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STANLEY®

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