

## Detterman, Mark, Env. Health

---

**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, September 10, 2015 10:26 AM  
**To:** 'Debra Moser'  
**Cc:** Mike Rogers; Eric Choi  
**Subject:** RE: ABF Freight, 4575 Tidewater, Oakland - update

Hi all,  
Thanks for the update on the site status. I've revised or updated the delivery date to Sept. 25<sup>th</sup> per your request.

I'll be curious to see what new twists develop at the site.

*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:** Debra Moser [mailto:[djm@tsgcorp.net](mailto:djm@tsgcorp.net)]  
**Sent:** Tuesday, September 08, 2015 10:25 AM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Mike Rogers; Eric Choi; Roe, Dilan, Env. Health  
**Subject:** RE: ABF Freight, 4575 Tidewater, Oakland - update

Hi Mark,  
Trinity is preparing the site investigation report with results of the recent borings to delineate LNAPL at the referenced site. As of today, we do not yet have the laboratory results of soil and grab-groundwater samples. Accordingly, we request a two-week extension of the due date for the report, to September 25, 2015.  
Please contact Trinity with questions regarding this request.  
Thank you,

***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](http://www.trinitysourcegroup.com)

The materials transmitted by this electronic mail are confidential, are only for the use of the intended recipient, and may also be subject to applicable privileges. Any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender. Please also remove this message from your hard drive, diskette, and any other storage device.

---

**From:** Detterman, Mark, Env. Health [mailto:[Mark.Detterman@acgov.org](mailto:Mark.Detterman@acgov.org)]  
**Sent:** Wednesday, July 01, 2015 11:54 AM  
**To:** 'Debra Moser' <[djm@tsgcorp.net](mailto:djm@tsgcorp.net)>  
**Cc:** Mike Rogers <[mkrogers@arcb.com](mailto:mkrogers@arcb.com)>; Eric Choi <[ejc@tsgcorp.net](mailto:ejc@tsgcorp.net)>; Roe, Dilan, Env. Health <[Dilan.Roe@acgov.org](mailto:Dilan.Roe@acgov.org)>  
**Subject:** RE: ABF Freight, 4575 Tidewater, Oakland - update

Arkansas Bandag Corporation  
PO Box 10048  
Fort Smith AR 72917

Mr. Mike Rogers  
ABF Freight Systems, Inc.  
PO Box 10048  
Fort Smith AR 72917  
(sent via electronic mail to [mkrogers@arkbest.com](mailto:mkrogers@arkbest.com))

Subject: Modified Work Plan Addendum Approval; Fuel Leak Case No. RO0003033 and GeoTracker Global ID T0600100018, ABF Freight Systems, 4575 Tidewater Avenue, Oakland, CA 94601

Dear Mr. Rogers:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the attached "work plan addendum" (below). The work plan addendum was prepared by the Trinity Source Group, Inc (Trinity), and was based on the preliminary results of previously proposed work (also attached below). Thank you for providing the initial results of recent work and including recommended additional actions in an effort to move the site towards closure.

Based on ACEH staff review of the referenced documents and of the case file we generally concur with the recently proposed scope of work, provided that the modifications requested in the technical comments below are addressed and incorporated during the field implementation. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or technical comments below is proposed. We request that you address the following technical comments, submit the requested document, and upon ACEH approval, perform the proposed work, and send us the technical reports requested below. Please provide 72-hour advance written notification to this office (e-mail preferred to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)) prior to the start of field activities.

## **TECHNICAL COMMENTS**

**1. Work Plan Addendum Approval** – ACEH is in general agreement with the proposed scope of work that will install two soil bores to the southwest of soil ore SB-4 in an attempt to define the lateral extent of Light Non-Aqueous Phased Liquids (LNAPL) and an associated dissolved-phase groundwater plume. As discussed on the telephone today with Ms. Debbie Moser, the best manner to proceed with

recovery of LNAPL, to the extent practicable, will be determined based on the results of the proposed soil bores.

ACEH requests that soil and grab groundwater samples be collected and analyzed for the constituents of concern at the site (TPHg, TPHd, BTEX, MTBE, naphthalene, and chlorinated volatile organic compounds [HVOCs]), provided no LNAPL is encountered in the bores. Please ensure soil is collected in the 0 to 5 and the 5 to 10 foot depth zones in accordance with the Low Threat Closure Policy (LTCP), at indications of contamination (odor, discoloration, PID readings, etc), and at the groundwater interface. Please ensure that the vertical extent of soil contamination is defined as well, also in accordance with the LTCP. These are requested in order for this phase of the investigation to remain consistent with procedures previously requested at the site, and that the scope of work remains consistent with standard protocols previously proposed for work at the site.

**2. Contingency Soil Bores** – In the event LNAPL is encountered in the proposed soil bores, ACEH requests additional contingency soil bores be installed as judged appropriate in the field in order to achieve delineation of LNAPL and dissolved-phased contamination. This may require installation of additional bores around SB-4 to the southwest, southeast, or east.

### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

- **September 11, 2015** – Site Investigation  
File to be named: RO3033\_SWI\_R\_yyyy-mm-dd

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>. If your email address does not appear on the cover page of this notification, ACEH is requesting you provide your email address so that we can correspond with you quickly and efficiently regarding your case.

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,

*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:** Debra Moser [mailto:[djm@tsgcorp.net](mailto:djm@tsgcorp.net)]

**Sent:** Tuesday, June 30, 2015 7:47 PM

**To:** Detterman, Mark, Env. Health  
**Cc:** Mike Rogers; Eric Choi  
**Subject:** Re: ABF Freight, 4575 Tidewater, Oakland - update

And here is the figure!

On Tue, Jun 30, 2015 at 3:24 PM, Debra Moser <[djm@tsgcorp.net](mailto:djm@tsgcorp.net)> wrote:

Hi Mark,

We completed the vacuuming and jetting of the sewer lines at the ABF Oakland maintenance building on June 16, 2015; this is the informal data submittal. In summary, the line clearing went reasonably well, but the video camera could not negotiate double-bends between the floor drains and the sewer lines. Therefore, unfortunately we do not have a video survey of the sewers.

Here are details from the floor drain/sewer line clearout/vac and video activities:

On June 16, 2015, Trinity Source Group, Inc. (Trinity) mobilized to the ABF Freight Facility located at 4575 Tidewater Dr. in Oakland, California to assess the floor drain/sewer lines located in the maintenance building located in northwestern portion of the ABF Facility. The assessment of the floor drains/sewer lines was to determine whether or not the floor drains/sewer lines are a potential source of the LNAPL observed in earlier environmental fieldwork (Soil Boring SB-4 was the boring location where LNAPL was observed). IWM was sub-contracted to hydro jet and apply high vacuum on the lines to dislodge/remove/clear the drain/sewer lines for video surveying of the lines. Upon site arrival, standing oily water was observed in the most western floor drain, the most southern floor drain was dry with misc. debris, and the floor drain near soil boring SB-5 had oily debris in it and also was missing the floor drain guard. All three drain locations were vacuumed to remove large debris, the debris consisted of screws, nuts, bolts, oily rags, and misc. trash debris. Hydro jetting followed the vacuum, using a hydro jet tool and also water was introduced to the lines to help break up buildup and to dislodge obstructions. A combination of vacuuming, hydro jetting, and adding water was used to clear all the accessible lines, till no standing water was observed in the lines, and till the influence of the vacuum was observable in all three drain inlets with the application of vacuum to a line. Approximately 20 feet of line from each drain inlet was hydrojetted, except for the most western drain, as the hydro jetting tool couldn't make the bend into the main line.

The attached figure shows the lines that were cleared, and the locations of the floor drains used to access these lines.

Approximately 400 gallons of non-hazardous water was generated from the vacuum activities, and was properly disposed of at Seaport Refining and Environmental located in Redwood City, California. Westcoast Locators were sub-contracted to perform the video survey of the cleared drain/sewer lines. Westcoast Locators technician was not able to video survey the lines due to video equipment accessibility issues. Due to the design of the floor drain/sewer lines (two 90-degree bends just below the floor drain), the video survey equipment couldn't reach the main line to perform the video survey.

Based on the work completed so far, Trinity proposes installing two additional soil borings in close proximity to existing sewers west and southwest of SB-4 to delineate the potential LNAPL area as requested by the Alameda County Environmental Health. The proposed boring locations are shown on the attached figure.

Please let us know any if you need additional information, and we will schedule the borings after you approve the locations.

Thank you,

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](tel:(831)426-5600)

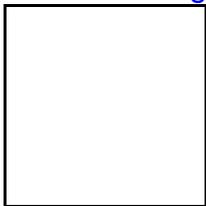
Fax: [\(831\) 426-5602](tel:(831)426-5602)

Visit our website at: [www.trinitysourcegroup.com](http://www.trinitysourcegroup.com)

The materials transmitted by this electronic mail are confidential, are only for the use of the intended recipient, and may also be subject to applicable privileges. Any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender. Please also remove this message from your hard drive, diskette, and any other storage device.

--

**Debra J. Moser, PG, CEG, CHG**  
Senior Geologist



500 Chestnut Street, Suite 225  
Santa Cruz, CA 95060

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

Visit our website at: [www.trinitysourcegroup.com](http://www.trinitysourcegroup.com)

The materials transmitted by this electronic mail are confidential, are only for the use of the intended recipient, and may also be subject to applicable privileges. Any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender. Please also remove this message from your hard drive, diskette, and any other storage device.