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By Alameda County Environmental Health 1:55 pm, Jun 27, 2017



P.O. Box 10048 (72917-0048)
3801 Old Greenwood Road
Fort Smith, AR 72903
479.785.8700
abf.com

June 26, 2017

Mr. Mark Detterman, RG, CEG
Senior Hazardous Materials Specialist
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Submittal Acknowledgement Statement-
Well Destruction Report**
ABF Freight System Facility (SLIC Case No. RO#0003033)
4575 Tidewater Avenue
Oakland, California

Dear Mr. Detterman:

I have read and acknowledge the content, recommendations and/or conclusions in the attached document or report submitted on my behalf to SCDEH's FTP server and the SWRCB's Geotracker Website.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael K. Rogers".

Michael K. Rogers
Director, Real Estate
ArcBest Corporation



June 26, 2017
Project 154.012.003

Mark Detterman
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Well Destruction Report**
ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

Dear Mr. Detterman:

Trinity Source Group, Inc. (Trinity), on behalf of ABF Freight System (ABF) has prepared this *Well Destruction Report (Report)* to document the destruction of all groundwater monitoring wells and sub-slab soil vapor probes at the referenced site (Figures 1 and 2) on June 13, 2017. The work was performed as a condition of case closure as requested in a directive letter from the Alameda County Health Care Services Agency (ACHCSA) dated January 17, 2017. The ACHCSA directive letter is presented in Attachment A.

SCOPE OF WORK

The scope of work consisted of the destruction of a total of four (4) groundwater monitoring wells and three (3) sub-slab vapor probes. The groundwater monitoring well destruction work was performed by Trinity Drilling, Inc. (TDI), a California C-57 licensed driller (License # 1010926). The groundwater monitoring well and sub-slab soil vapor probe locations are shown on Figure 2.

Prefield Activities

Trinity obtained well destruction permits from the Alameda Public Works Agency (ACPWA). The groundwater monitoring well destruction permit is included in Attachment B. A site-specific Health and Safety Plan was prepared and reviewed with field personnel prior to beginning field work.

Trinity marked all well locations and notified Underground Service Alert. Trinity informed ACPWA, the client, and the property owner of the field work schedule prior to the start of work.

Well Destruction

On June 13, 2017 TDI destroyed groundwater monitoring wells MW-1, MW-2, MW-3, and MW-4 by tremie grouting under the oversight of an ACPWA inspector. Upon completion of tremie grouting to the total depth, each well vault was removed. The remaining hole was backfilled with concrete to existing surface grade. A well destruction Field Data Sheet is included in Attachment C. Photographic documentation is included in Attachment D.

On June 13, 2017 TDI destroyed SVP-1, SVP-2, and SVP-3 by removing the sub-slab vapor probes and backfilling the holes with concrete to match the existing surface grade.

Summary

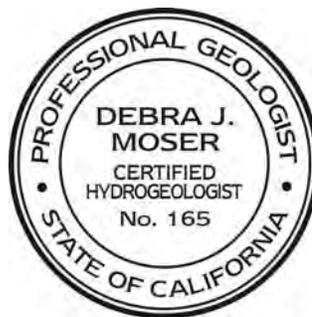
The destruction of groundwater monitoring wells was conducted pursuant to California Department of Water Resources (DWR) Bulletin No. 74-81 and Supplement 74-90, and under the direction and signed by an appropriately registered California professional geologist. DWR Well Completion Reports are included in Attachment E.

Should you have any questions regarding this *Report*, please contact Trinity at (831) 426-5600.

TRINITY SOURCE GROUP, INC. A California Corporation

Information, conclusions, and recommendations made by Trinity in this document regarding this site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

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



Brady Nagle
Project Manager

Mr. Mark Detterman
Well Destruction Report
ABF Freight System Facility, 4575 Tidewater Avenue, Oakland, California
June 26, 2017

Attachments:

Figure 1: Site Location Map
Figure 2: Site Plan

Attachment A: Regulatory Directive Letter
Attachment B: Well Destruction Permit
Attachment C: Field Data Sheet
Attachment D: Photographic Documentation
Attachment E: DWR Reports

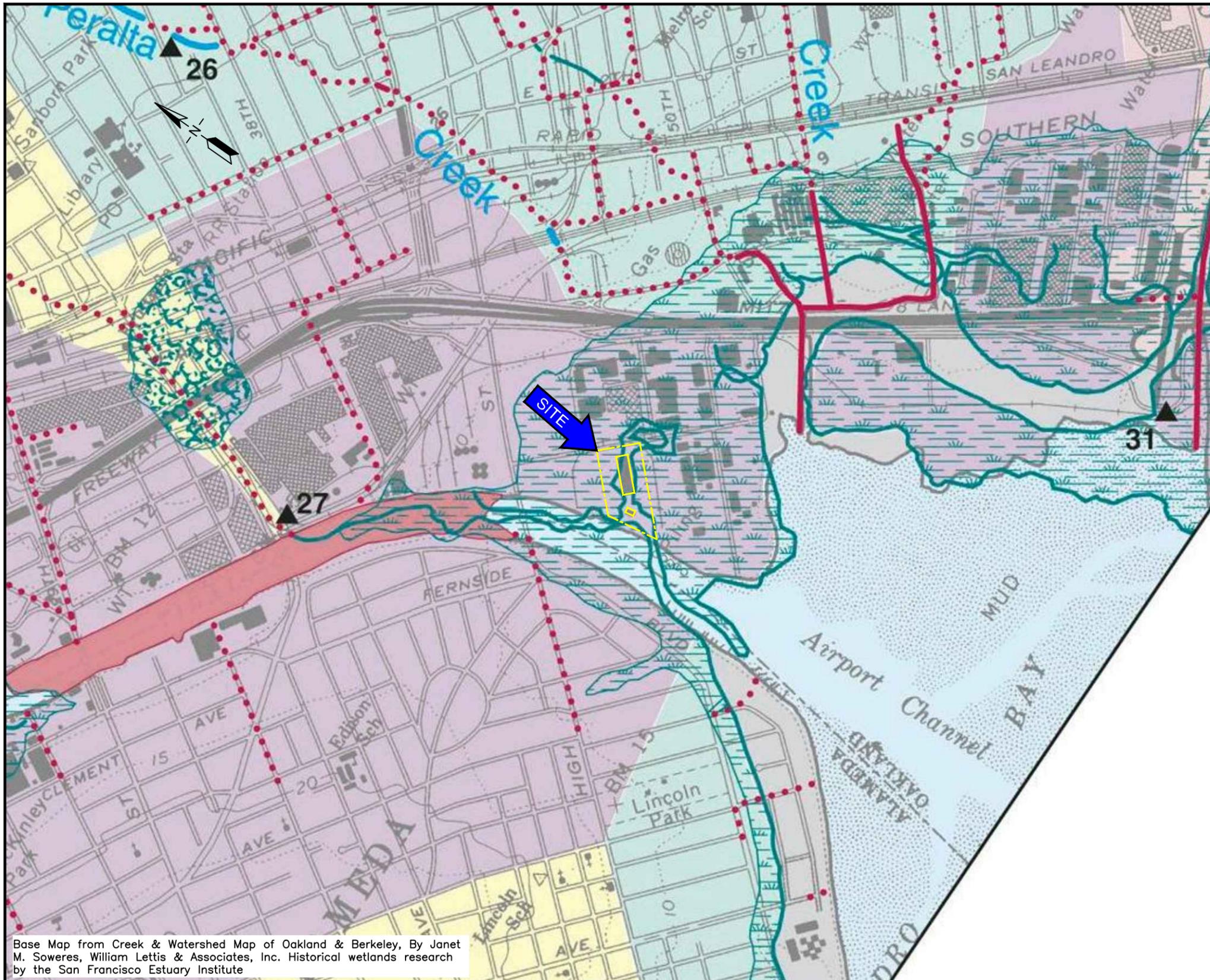
DISTRIBUTION

A copy of this submittal has been forwarded to:

Mr. Mike Rogers (via email to mkrogers@arkbest.com)

Leroy Griffin (via email to lgriffin@oaklandnet.com)

FIGURES



- ### EXPLANATION
- Creeks
 - Former creeks, buried or drained, and Bay shoreline, circa 1850
 - Underground culverts and storm drains
 - Engineered channels
 - Willow groves, circa 1850
 - Beach, circa 1850
 - Tidal marsh, circa 1850
 - now water
 - now fill land
 - Bay
 - Bay, circa 1850, now fill land
 - Artificial bodies of water
 - Present watersheds

Base Map from Creek & Watershed Map of Oakland & Berkeley, By Janet M. Sowers, William Lettis & Associates, Inc. Historical wetlands research by the San Francisco Estuary Institute



PREPARED BY

TRINITY
source group, inc.
Environmental Consultants

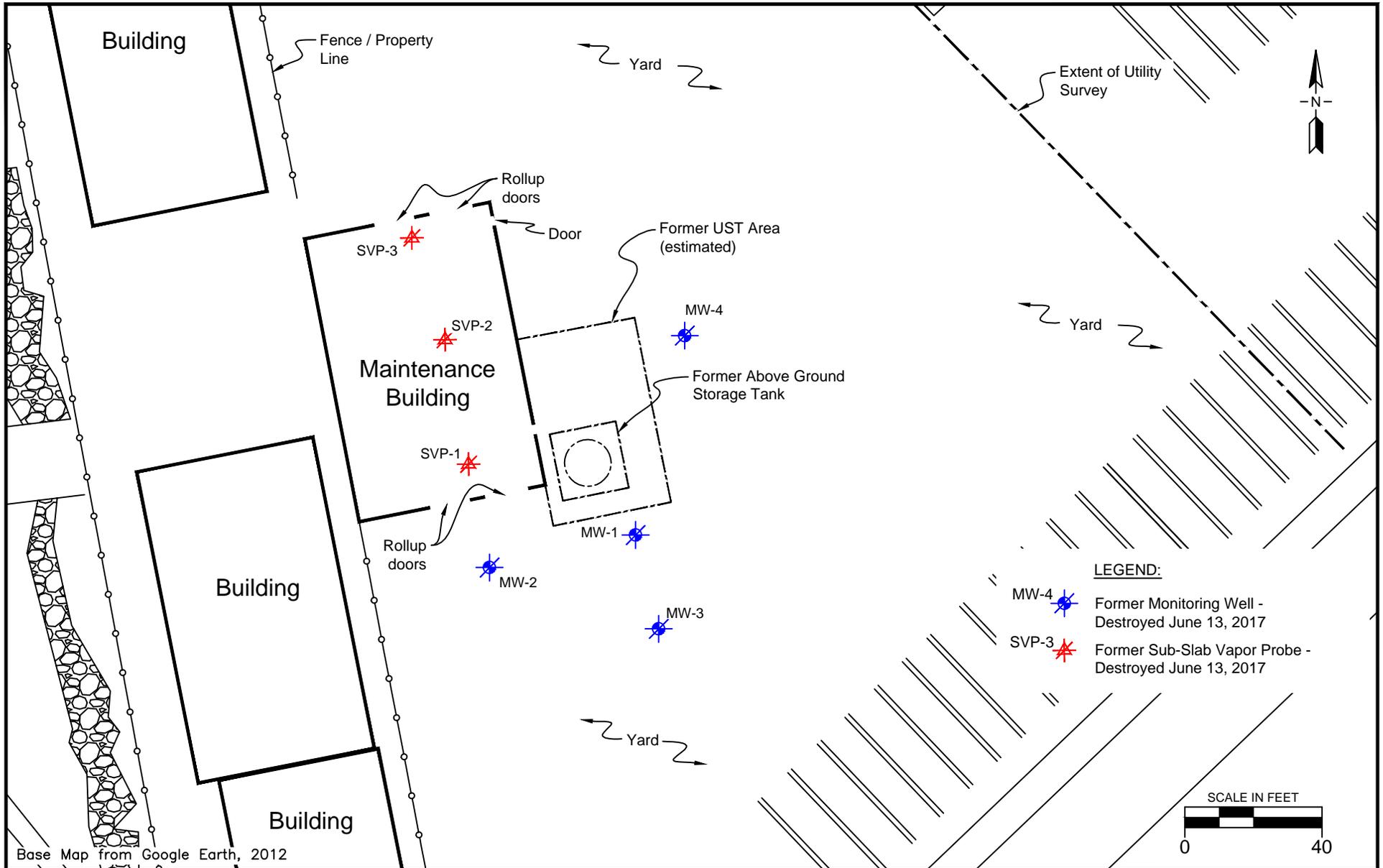
119 Encinal Street
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

SITE LOCATION MAP

ABF Freight System Facility
4575 Tidewater Ave.
Oakland, California

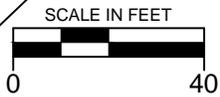
PROJECT:
154.012.003

FIGURE:
1



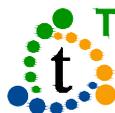
LEGEND:

- MW-4 Former Monitoring Well - Destroyed June 13, 2017
- SVP-3 Former Sub-Slab Vapor Probe - Destroyed June 13, 2017



Base Map from Google Earth, 2012

PREPARED BY



TRINITY
source group, inc.
Environmental Consultants

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Santa Cruz, California 95060
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SITE PLAN

ABF Freight System Facility
4575 Tidewater Avenue
Oakland, California

PROJECT:
154.012.003

FIGURE:
2

ATTACHMENT A

REGULATORY DIRECTIVE LETTER



January 17, 2017

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)

Subject: Request for Well Destruction; Fuel Leak Case No. RO0003033 and GeoTracker Global ID T0600100018, ABF Freight Systems, 4575 Tidewater Avenue, Oakland, CA 94601

Dear Mr. Rogers:

Alameda County Department of Environmental Health (ACDEH) has reviewed the subject fuel case file for the above referenced site for potential case closure. As you are aware, numerous site investigations and groundwater monitoring events for underground storage tank leaks have been performed at the subject property to which you are named as the primary or active responsible party.

Request for Monitoring Well Destruction Scheduling and Waste Removal

At this time ACDEH requests the permitted destruction of remaining site monitoring wells, disposal of any remaining investigation derived waste, and the submittal of a Well Decommissioning Report and appropriate documentation (permits, waste disposal documentation) by the date identified below. Please be aware that final disposal documentation requires full and complete disposal forms, with a minimum of three accepting signatures. Please also be aware that non-contaminated material such as well boxes do not require disposal documentation.

Please contact the Alameda County Public Works Agency at 510-567-6791 or online, to obtain the required permits. After permits have been received, you are free to proceed with well decommissioning and waste removal activities. Please provide notification to ACDEH a minimum of 72-hours in advance of site work that you have contracted a licensed drilling contractor in order to decommission all remaining wells at the site and provide ACDEH the date of the scheduled well decommissioning and waste removal activities.

SUBMITTAL ACKNOWLEDGEMENT STATEMENT

Please note that ACDEH has updated Attachment 1 with regard to report submittals to ACDEH. ACDEH will now be requiring a Submittal Acknowledgement Statement, replacing the Perjury Statement, as a cover letter signed by the Responsible Party (RP). The language for the Submittal Acknowledgement Statement is as follows:

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's Geotracker Website.

Please make this change to your submittals to ACDEH.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACDEH 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:

Mr. Mike Rogers
RO0003033
January 17, 2017, Page 2

- **June 2, 2017** – Well Destruction Report (including Waste Disposal Documentation)
File to be named RO3033_WELL_DCM_R_yyyy-mm-dd

Thank you for your cooperation. Should you have any questions, please contact me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,



Mark Detterman, PG, CEG
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: Debra Moser, Trinity Source Group, Inc, 500 Chestnut Street, Suite 225, Santa Cruz, CA 95060
(Sent via electronic mail to djm@tsgcorp.net)

Eric Choi, Trinity Source Group, Inc, 500 Chestnut Street, Suite 225, Santa Cruz, CA 95060
(Sent via electronic mail to ejc@tsgcorp.net)

Dilan Roe, ACDEH, (Sent via electronic mail to: dilan.roe@acgov.org)
Paresh Khatri, ACDEH; (Sent via electronic mail to: paresh.khatri@acgov.org)
Mark Detterman, ACDEH, (Sent via electronic mail to: mark.detterman@acgov.org)
Electronic File; GeoTracker

ATTACHMENT B

WELL DESTRUCTION PERMITS

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 05/25/2017 By jamesy

Permit Numbers: W2017-0443 to W2017-0446
Permits Valid from 05/30/2017 to 06/09/2017

Application Id: 1494886732404
Site Location: 4575 Tidewater Avenue, Oakland, CA
Project Start Date: 05/30/2017
Assigned Inspector: Contact Marcelino Vialpando at (510) 670-5760 or Marcelino@acpwa.org

City of Project Site:Oakland

Completion Date:06/09/2017

Applicant: Trinity Source Group Inc. - Brady Nagle
119 Encinal St, Santa Cruz, CA 95060
Property Owner: ABF Freight System Mike Rogers
801 Old Greenwood Rd, Fort Smith, AR 72903
Client: ** same as Property Owner **

Phone: 831-713-9225

Phone: 479-785-8908

	Total Due:	\$1588.00
Receipt Number: WR2017-0247	Total Amount Paid:	\$1588.00
Payer Name : Trinity Source Group	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 4 Wells
Driller: Trinity - Lic #: 1010926 - Method: other

Work Total: \$1588.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2017-0443	05/25/2017	08/28/2017	MW1	8.00 in.	2.00 in.	0.00 ft	18.00 ft			
W2017-0444	05/25/2017	08/28/2017	MW2	8.00 in.	2.00 in.	0.00 ft	14.00 ft			
W2017-0445	05/25/2017	08/28/2017	MW3	10.00 in.	4.00 in.	2.00 ft	10.00 ft			
W2017-0446	05/25/2017	08/28/2017	MW4	10.00 in.	4.00 in.	2.00 ft	10.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 30 days. Include permit number and site map.

Alameda County Public Works Agency - Water Resources Well Permit

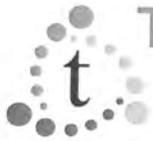
4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.
5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
8. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
 10. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
 11. Remove the Christy box or similar structure. Tremie Grout with Cement (More than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
-

ATTACHMENT C
Field Data Sheet



TRINITY

source group, inc.
Environmental Consultants

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

FIELD DATA SHEET

Client: ABF Freight
Job Address: 4575 Tildenwater Dr. Clarkdale, GA
Weather Conditions: Sunny, heat
Equipment at Site: Pressure Grout
Arrival Time: 0815
Departure Time: 1415

Project #: 159
Date: 6/11/17
Personnel: EC, SWE

FIELD NOTES

0845 - Arrive @ site, mobilized all equipment +, and left for site
0815 - Arrive onsite, notified onsite manager of field activities

- Review HASP + JSA
- locate all MWs

	DTW	TD
- locate All MWs	MW-2 : 4.28'	14.00'
	MW-3 : 3.95'	9.50'
	MW-1 : 4.00'	18.10'
	MW-4 : 4.10'	10.00'

0910 - Inspector onsite for inspections / fieldwork observations

- MW-2 + MW-3 pressure grouted
- MW-4 + MW-1 tremie backfilled w/ grout per inspector approval

→ took MW-2: 5X 46lbs bags of portland, MW-3: 2X 46lbs bags of portland

- inspector offsite, top off all wells, remove casing as far below surface as needed, all well void + materials removed, backfilled w/ concrete

1210 - Inspector back onsite for final field activity / surface completion observations

- remove vapor pins SUP-1 + SUP-3, back fill w/ grout and concrete
- removed "old style" sub-slab probe - SUP-2, backfilled w/ grout and concrete

- perform site restoration activities, notify Manager upon depart.

1415 - Left site,
1645 Done

Signature

ATTACHMENT D
Photographic Documentation



Photo 1
MW-1 Post-Surface Completion
06/13/2017



Photo 2
MW-2 Post-Surface Completion
06/13/2017



Photo 3
MW-3 Post-Surface Completion
06/13/2017

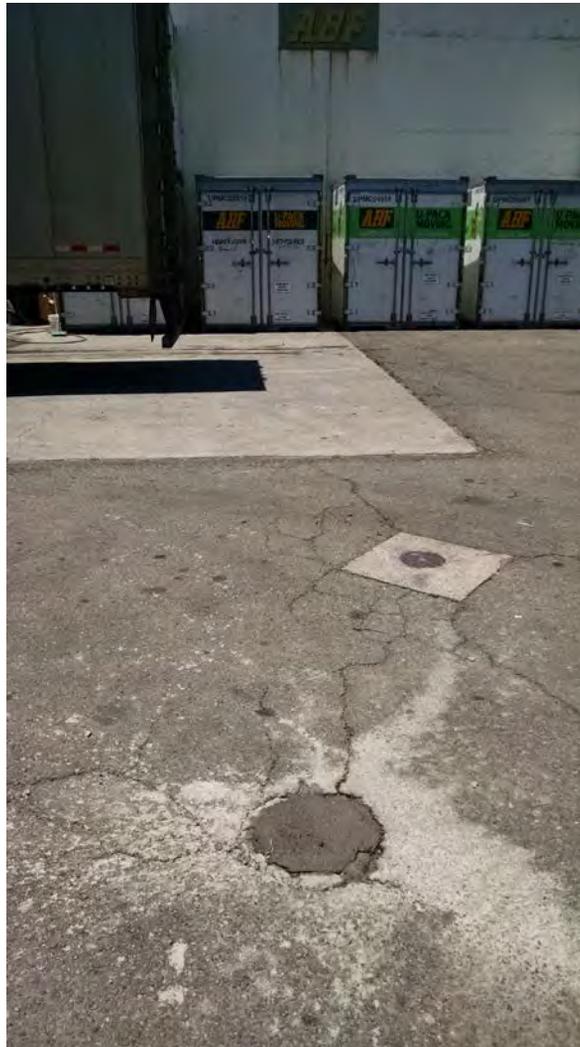


Photo 4
MW-4 Post-Surface Completion
06/13/2017



Photo 5
SVP-1 Post-Surface Completion
06/13/2017



Photo 6
SVP-2 Post-Surface Completion
06/13/2017



Photo 7
SVP-3 Post-Surface Completion
06/13/2017

ATTACHMENT E
DWR REPORTS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

**STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)**

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED