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By Alameda County Environmental Health at 3:59 pm, Jun 19, 2014

Ultramar, Inc.

June 17, 2014

Mr. Jerry Wickham
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

SUBJECT: WELL DESTRUCTION REPORT
FORMER BEACON STATION NO. 12574
22315 REDWOOD ROAD RWQCB Case No. 01-0167
CASTRO VALLEY, CALIFORNIA ACDEH: RO 0000355

Mr. Wickham:

Please find enclosed the **Well Destruction Report** for the above-referenced facility. Pursuant to your requests, I declare, under penalty of perjury, that the following information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

Please call if you have any questions or comments regarding this letter or the enclosed report (303) 379-3091.

Sincerely,
ULTRAMAR INC.



Roger Levin
Manager – Environmental Liability
10955 Westmoor Drive, Suite 400
Westminster, Colorado 80021

Enclosures

cc w/o encl. Mr. Ken Mateik, Horizon Environmental



HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

June 17, 2014

Mr. Jerry Wickham
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: **Transmittal of Well Destruction Report**
Former Beacon Station 12574
22315 Redwood Road, Castro Valley, California

Mr. Wickham:

At the request of Ultramar Inc., Horizon Environmental Inc. (Horizon) is forwarding the enclosed *Well Destruction Report* dated June 17, 2014.

Please call Horizon at 916-939-2170 if you have any questions or require additional information.

Sincerely,

HORIZON ENVIRONMENTAL INC.

Karen P. Liptak
Staff Geologist

Enclosure

cc: Mr. Roger Levin, Ultramar, Inc.
Mr. James Yoo, ACPWA Water Resources Section
Mr. Ali Kashikar, Offsite Property Owner



HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

June 17, 2014

Mr. Jerry Wickham, Senior HazMat Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: **Well Destruction Report**
Former Beacon Station No. 12574 RWQCB Case No. 01-0167
22315 Redwood Road, Castro Valley, California ACDEH: RO0000355

Mr. Wickham:

On behalf of Ultramar Inc. (Ultramar), Horizon Environmental Inc. (Horizon) is submitting this report documenting the destruction of 12 monitoring and remediation wells associated with the former Beacon station (Site) at the above referenced address located in Castro Valley, Alameda County, as shown on the attached Figure 1. The Alameda County Department of Environmental Health (ACDEH) issued a No Further Action (NFA) status for the Site in their Well Decommissioning Letter (ACDEH, December 4, 2013), a copy of which is enclosed with this report.

Field Work Planning

Groundwater monitoring wells MW-1 through MW-4, vapor extraction wells VW-1, VW-2, and VW-3, and vapor points VP-1, VP-2 and VP-3 are located within the Site property boundaries, while groundwater monitoring well MW-5A is located offsite to the west within the North Sixth Street right-of-way, and groundwater monitoring well MW-6 is located offsite to the south on the adjoining Kashikar property, as shown on the Site Area Map (Figure 2).

The Alameda County Public Works Agency (ACPWA) renewed Encroachment Permit No. R1OLD11072, originally issued in 2010 for well MW-5A, and the Water Resources Section of the ACPWA issued Well Destruction Permit Nos. W-2014-0319 through W-2014-0324 for the destruction of the six groundwater monitoring wells, and Well Destruction Permit No. W-2014-0325 for the destruction of the three vapor extraction wells and three vapor monitoring points at the Site. Copies of the ACPWA permits are enclosed with this report.

Horizon retained All Well Abandonment (AWA) of Sacramento, California (C-57 License #848359) to provide well destruction services, updated the Site Health and Safety Plan to include well destruction activities, and notified Underground Services Alert (USA) to locate and mark locations of known underground utilities. The property owners and ACPWA personnel were notified in advance of the scheduled field work.

Well Destruction Work

The well destruction activities were conducted in accordance with the Department of Water Resources Bulletins 74-81 and 74-90 (California Well Standards), ACPWA guidelines, and per the attached Horizon Well Abandonment / Destruction Field Methods and Procedures. On May 5 and 6, 2014, Horizon personnel witnessed AWA destroy the six groundwater monitoring wells, three vapor extraction wells, and three vapor monitoring points at the Site. Mr. Steve Miller of the ACPWA was present on both days to inspect the destruction of the nine wells and three vapor points. After collecting depth-to-water (DTW) and total depth (TD) measurements, each of the nine wells was completely filled by pressure-grouting with neat cement grout slurry pumped from the total well depth to the surface through a one-inch PVC tremie pipe placed on or very near to the bottom of each well casing. Water displaced by the grout was captured in a 55-gallon drum and reused in the grout mixing process.

After grouting was completed, the tremie pipe was removed, and a pressure manifold was placed over the well casing, and air pressure up to 25 pounds per square inch (psi) was applied to the casing for approximately five minutes to force the neat cement grout slurry out of the well casing and into the sand pack. After the removal of the pressure manifold, additional neat cement was used to top off the grout slurry in the well casing. This pressure-grouting procedure was performed on the six groundwater monitoring wells (MW-1 through MW-6) and the three vapor extraction wells (VW-1, VW-2 and VW-3).

The well boxes were removed, the well construction materials were over-drilled to a depth of five feet, and cement grout and cement cuttings were then placed back into the open borehole. Because the three vapor monitoring points (VP-1, VP-2 and VP-3) were only 8 feet deep, the vapor points were over-drilled to their total depths, and cement grout and cement cuttings were then placed into the open borehole. Cement grout was then placed up to within one foot of the surface, and topped off until stabilized. The upper foot of each bore hole was then completed with quick-setting concrete tinted to match the surrounding surface, except for wells MW-4 and VW-1, where landscape materials were utilized. Well destruction information is presented in the attached Table 1, and copies of the completed and signed California Department of Water Resources (DWR) Well Destruction Completion Reports are enclosed with this report.

The remaining over-drilled well construction materials were removed from the Site and transported for disposal to Kiefer Landfill near Rancho Cordova, California. The well destruction work completes the investigation and corrective action at the Site. Horizon recommends this Site be officially closed and issuance of a No Further Action Required letter by the ACDEH.

Please contact Horizon at 916-939-2170 if you have any questions or require additional information.

Sincerely,

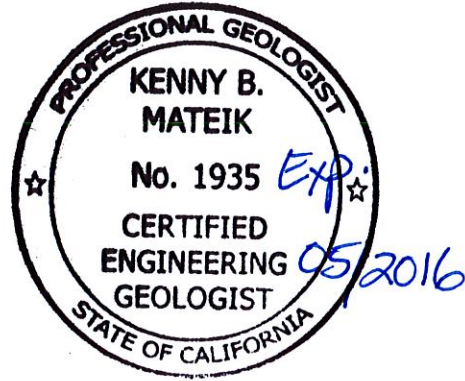
HORIZON ENVIRONMENTAL INC.



Gary D. Barker
Senior Project Manager



Kenny B. Mateik
Professional Geologist, C.E.G. No. 1935



Attachments:

Figure 1: Site Location Map

Figure 2: Site Area Map

Table 1: Well Destruction Information

Well Decommissioning Letter (ACDEH, December 4, 2013)

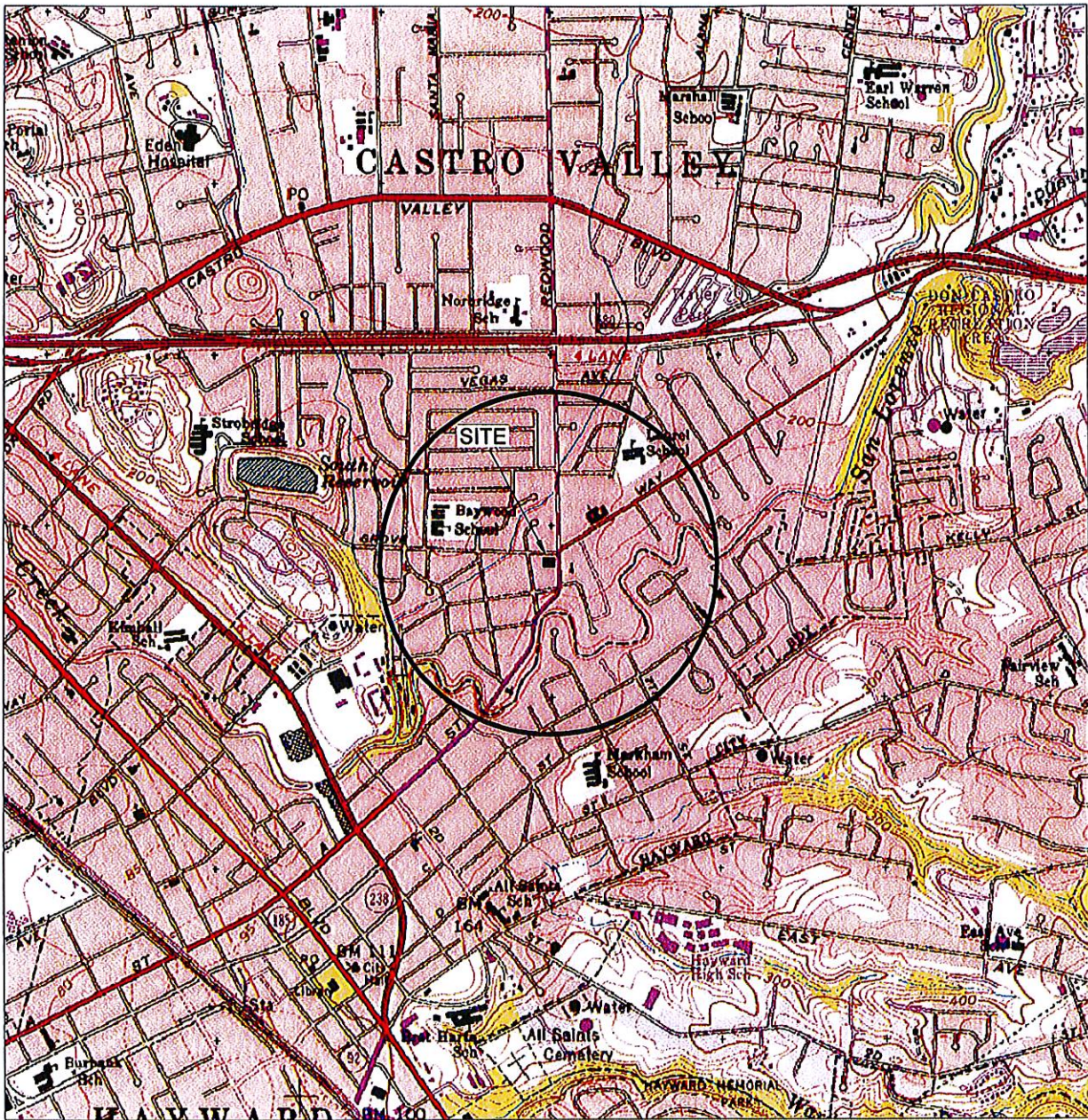
ACPWA Well Destruction Permits

ACPWA Encroachment Permit

Horizon Field Methods and Procedures

DWR Well Destruction Completion Reports (12)

- c: Mr. Roger Levin, Ultramar Inc.
Mr. James Yoo, ACPWA Water Resources Section
Mr. Ali Kashikar, Offsite Property Owner



GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 HAYWARD, CA.
 7.5 MINUTE TOPOGRAPHIC
 PHOTOREVISED 1980



QUADRANGLE LOCATION



SCALE 1:24,000



NORTH



HORIZON ENVIRONMENTAL INC.

SITE LOCATION MAP

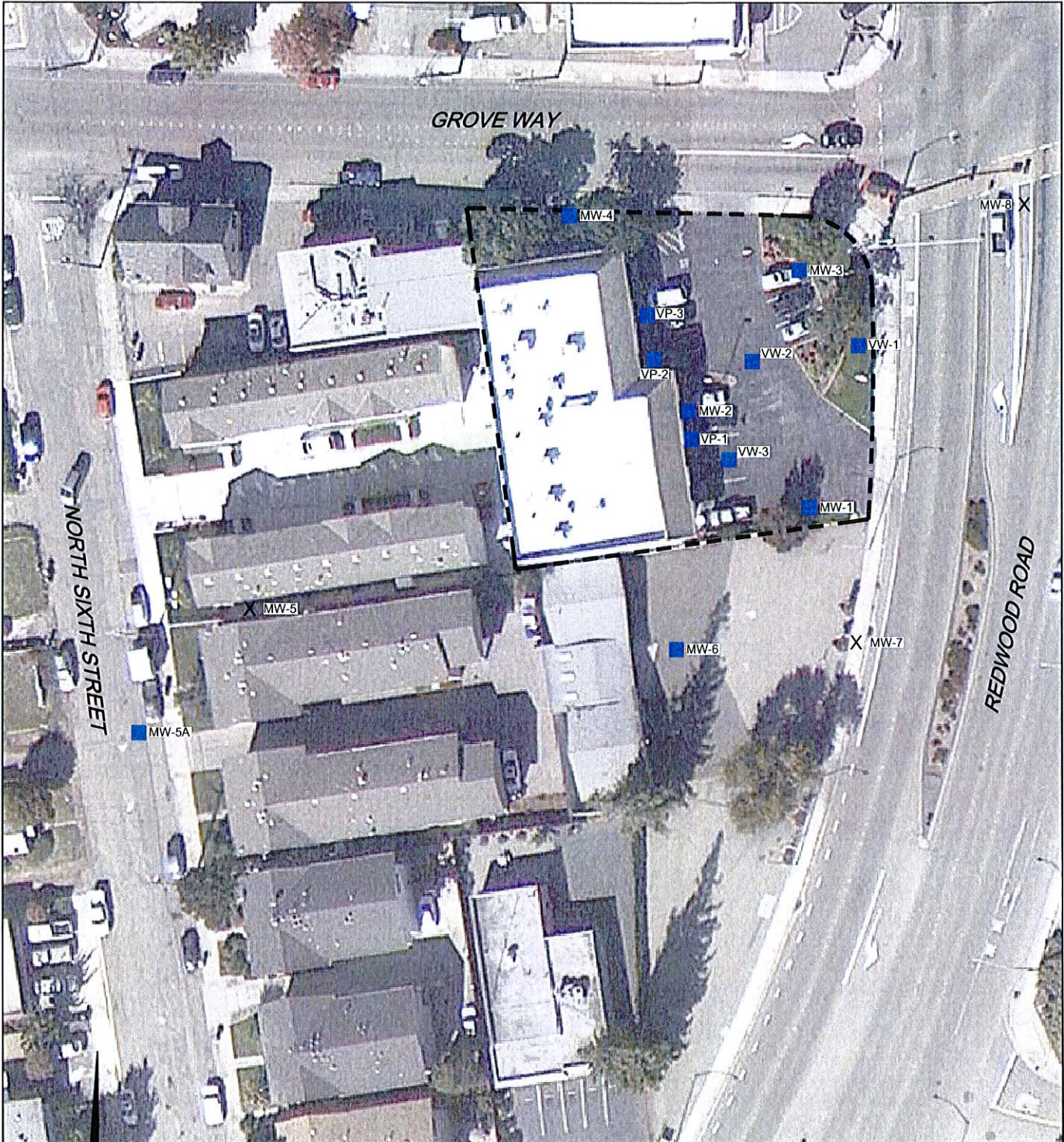
FIGURE

1

Project Number: 1574.41
 Prepared By: K. Liptak
 Reviewed By: K. Mateik

Drawn By: M. LaCoste
 Date: 10/7/04
 Revised Date:

FORMER BEACON STATION NO. 12574
 22315 REDWOOD ROAD
 CASTRO VALLEY, CA.



LEGEND	
■	MW-6 DESTROYED MONITORING WELL
■	VW-3 DESTROYED VAPOR EXTRACTION WELL
■	VP-3 DESTROYED SOIL VAPOR PROBE
X	MW-8 PREVIOUSLY DESTROYED MONITORING WELL



Project Number: 1574.03
 Prepared By: K. Liptak
 Reviewed By: K. Mateik

Drawn By: C. Bechtell
 Date: 1/25/12
 Revised Date: 05/27/14

SITE AREA MAP
 FORMER BEACON STATION NO. 12574
 22315 REDWOOD ROAD
 CASTRO VALLEY, CA.

FIGURE
 2

Table 1 - Well Destruction Information
Former Beacon Station No. 12574
22315 Redwood Road
Castro Valley, California

WELL #	Destruction Date	Boring Diameter		Well Casing PVC diam (inches)	Screen Interval (feet)	Total Depth (feet)		Depth to Water (feet)	Destruction Method	Grout Volume		
		Installed (inches)	Destructed (inches)			Installed (feet)	Destructed (feet)			Calculated (cu feet)	(gallons)	Emplaced (gallons)
		ON-SITE										
MW-1	5/5/2014	10	10	4	10' - 30'	29.9	30	22.28	PG	1.7	57	70
MW-2	5/5/2014	10	10	4	10' - 30'	29.7	30	20.65	PG	1.7	57	60
MW-3	5/5/2014	10	10	4	10' - 30'	29.5	30	20.98	PG	1.7	57	60
MW-4	5/6/2014	8	8	2	13' - 28'	28.0	28	16.56	PG	4.2	31.5	40
VW-1	5/5/2014	10	10	4	10' - 20'	19.8	20	16.60	PG	5.1	38	40
VW-2	5/5/2014	10	10	4	10' - 20'	20.0	20	17.18	PG	5.1	38	50
VW-3	5/5/2014	10	10	4	15' - 20'	20.2	20	19.80	PG	4.2	31.5	40
VP-1	5/5/2014	8	8	2	5' - 8'	8	8	Dry	OD	3.2	22	25
VP-2	5/5/2014	8	8	2	5' - 8'	8	8	Dry	OD	3.2	22	25
VP-3	5/5/2014	8	8	2	5' - 8'	8	8	Dry	OD	3.2	22	25
OFF-SITE												
MW-5A	5/6/2014	8	8	2	10' - 30'	29.8	30	17.62	PG	5.4	40.5	42
MW-6	5/6/2014	8	8	2	15' - 30'	29.5	30	20.53	PG	4.7	35.5	40

Notes:

cu feet = cubic feet

OD = Over Drill

PG = Pressure Grout

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 4, 2013

Mr. Roger Levin
Ultramar, Inc.
5590 B Havana Street
Denver, CO 80239
(Sent via E-mail to: roger.levin@valero.com)

Castro Group LLC Address unknown

Ms. Mary Moore
EMB Group LLC & Mary Moore
Re Trust 611 Marlin Court
Redwood City, CA 94065-1214

Mr. Allen Shin
Banya Investments LLC
3011 Cabrillo Avenue
San Ramon, CA 94583

Mr. Paul Wilson
1238 Stanyan Street
San Francisco, CA 94117

Subject: Well Decommissioning for Fuel Leak Case No. RO0000355 and GeoTracker Global ID T0600100155, Beacon #12574, 22315 Redwood Road, Castro Valley, CA 94546

Dear Mr. Wideman, Castro Group LLC, Ms. Moore, Mr. Shin, and Mr. Wilson:

Alameda County Environmental Health (ACEH) have reviewed the fuel leak case file and case closure summary for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. No comments were received on the proposed case closure during a public comment period conducted between October 2 and December 2, 2013. Prior to issuance of remedial action completion certification and case closure, we request that the monitoring wells at the site be properly decommissioned, should the monitoring wells have no further use at the site. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office no later than March 26, 2014. Remedial action completion certification will be issued following receipt of the documentation.

Well destruction permits may be obtained from the Alameda County Public Works Agency (<http://www.acgov.org/pwa/wells/index.shtml>). If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Jerry Wickham), and to the State Water Resources Control Board's GeoTracker website according to the following schedule and file-naming convention:

- **March 26, 2014** – Well Decommissioning Report
File to be named: WELL_DCM_R_yyyy-mm-dd RO355

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.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org. Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>. As 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.

Sincerely,



Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County
Environmental Health, ou,
email=jerry.wickham@acgov.org, c=US
Date: 2013.12.04 15:36:49 -08'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachments: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Gary Barker, Horizon Environmental, Inc., 4970 Windplay Drive, #C5, El Dorado Hills, CA 95762 (Sent via E-mail to: gbarker@horizonenvironmental.net)

Kenny Mateik, Horizon Environmental, Inc., 4970 Windplay Drive, #C5, El Dorado Hills, CA 95762 (Sent via E-mail to: kmateik@horizonenvironmental.net)

Jerry Wickham, ACEH (Sent via E-mail to: jerry.wickham@acgov.org)

GeoTracker, eFile

Ken Mateik

From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Wednesday, March 19, 2014 3:26 PM
To: Ken Mateik
Cc: Gary Barker; 'Levin, Roger'
Subject: RE: Proposed Well Destructions at ACEH Site #RO355, 22315 Redwood Road, Castro Valley, CA

Ken,

Based on your request, the schedule for submittal of a well destruction report for case RO355 is extended to June 27, 2014.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Ken Mateik [mailto:KMateik@horizonenvironmental.net]
Sent: Wednesday, March 19, 2014 2:32 PM
To: Wickham, Jerry, Env. Health
Cc: Gary Barker; 'Levin, Roger'
Subject: RE: Proposed Well Destructions at ACEH Site #RO355, 22315 Redwood Road, Castro Valley, CA

Jerry:

We are working on the permitting for the pressure-grout destruction of the six monitoring wells, three vapor extraction wells, and three vapor monitoring points at the above-referenced subject Site. As such, the well destruction report will not be ready for submittal on the requested date of March 26, 2014. Horizon is requesting a 90-day extension to the submittal date, so that the report would then be due for submittal on **June 24, 2014**. We should definitely have the report submitted by that date.

Sincerely,

Professional Geologist No. 5861, CEG No. 1935
HORIZON ENVIRONMENTAL INC.
4970 Windplay Drive, Suite #5
El Dorado Hills, California 95762
(916) 939-2170 (Office)
(916) 939-2172 (Fax)
(916) 997-8621 (Cell)
www.Horizonenvironmentalinc.com

From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Wednesday, February 19, 2014 3:33 PM
To: Ken Mateik

Alameda County Public Works Agency - Water Resources Well Permit



Public Works Agency
— Alameda County —

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

Application Approved on: 04/08/2014 By jamesy

Permit Numbers: W2014-0319 to W2014-0325
Permits Valid from 05/05/2014 to 05/06/2014

Application Id: 1396301391319
Site Location: 22315 Redwood Road, Castro Valley, CA
Project Start Date: 05/05/2014
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site: Castro Valley

Completion Date: 05/06/2014

Applicant: HORIZON Envr. - Ken Mateik
4970 Windplay Dr #5, El Dorado Hills, CA 95762

Phone: 916-939-2170

Property Owner: Banya Investments
3011 Cabrillo Ave, San Ramon, CA 94583

Phone: 925-833-9632

Client: Ultramar Inc.
10955 Westmoor Dr #400, Westminster, CO 80021

Phone: 303-379-3091

Receipt Number: WR2014-0129	Total Due:	\$2647.00
Payer Name : HORIZON ENVR.	Total Amount Paid:	\$2647.00
Paid By: CHECK		PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 6 Wells

Driller: All Well Abandonment - Lic #: 848359 - Method: hstem

Work Total: \$2382.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-0319	04/08/2014	08/03/2014	MW1	10.00 in.	4.00 in.	8.00 ft	30.00 ft	3S/2W10L1 0	No Records	No Records
W2014-0320	04/08/2014	08/03/2014	MW2	10.00 in.	4.00 in.	8.00 ft	30.00 ft	3S/2W10L1 1	No Records	No Records
W2014-0321	04/08/2014	08/03/2014	MW3	10.00 in.	4.00 in.	8.00 ft	30.00 ft	3S/2W10L1 2	No Records	No Records
W2014-0322	04/08/2014	08/03/2014	MW4	8.00 in.	2.00 in.	11.00 ft	28.00 ft	3S/2W10L1 3	93801	Logs Only
W2014-0323	04/08/2014	08/03/2014	MW5A	8.00 in.	2.00 in.	8.50 ft	30.00 ft	No Records	No Records	No Records
W2014-0324	04/08/2014	08/03/2014	MW6	10.00 in.	4.00 in.	13.00 ft	30.00 ft	3S/2W10L1 5	93801	Logs Only

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

Alameda County Public Works Agency - Water Resources Well Permit

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 60 days. Include permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 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 Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org 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 MW-5A by overdrilling the upper 5ft. bgs & then Tremie Grouting with Neat Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing. Then replace that well location with a "Hot Patch" asphalt in a 3ft.X 3ft. section by the Road Encroachment permit.
9. Remove the Christy box or similar structure. Destroy all other wells 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.
10. 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.

Remediation Well Destruction-Extraction - 6 Wells

Driller: All Well Abandonment - Lic #: 848359 - Method: hstem

Work Total: \$265.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-0325	04/08/2014	08/03/2014	VP1	8.00 in.	2.00 in.	3.50 ft	8.00 ft	3S/2W10L	W2010-0708	e0121552
W2014-0325	04/08/2014	08/03/2014	VP2	10.00 in.	4.00 in.	8.50 ft	8.50 ft	3S/2W10L	W2010-0708	e0121560
W2014-0325	04/08/2014	08/03/2014	VP3	10.00 in.	4.00 in.	8.50 ft	8.00 ft	3S/2W10L	W2010-0708	e0121562
W2014-0325	04/08/2014	08/03/2014	VW1	10.00 in.	4.00 in.	8.50 ft	20.00 ft	3S/2W10L	W2010-0708	e0121564
W2014-	04/08/2014	08/03/2014	VW2	10.00 in.	4.00 in.	8.50 ft	20.00 ft	3S/2W10L	W2010-	e0121565

Alameda County Public Works Agency - Water Resources Well Permit

0325

0708

W2014- 04/08/2014 08/03/2014 VW3 10.00 in. 4.00 in. 14.00 ft 20.00 ft 3S/2W10L W2010- e0121568
0325 0708

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. 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 60 days. Include permit number and site map.
 3. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
 4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org 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.
 5. Remove the Christy box or similar structure. Destroy well by overdrilling & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
 6. 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.
 7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a 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.
-

Work Order Number:* 80001
*This WO is is not open for charges.

Permit Number: RIOLD 11072
Permit Issuance Date: 9/22/10
Permit Expiration Date: OPEN

OPEN

COUNTY OF ALAMEDA PUBLIC WORKS AGENCY ROADWAY ENCROACHMENT PERMIT

This Permit is issued in accordance with Chapter 12.08 of the Alameda County General Ordinance Code

Name & Address of Property Owner:
Ultramar Inc. c/o Horizon Environmental
4970 Windplay Dr. #5
El Dorado Hills, CA 95762
Phone Number: (916) 939-2170

Job Site Address:
22315 Redwood Road
Castro Valley, CA 94546

Name & Address of Contractor:
All Well Abatement
6626 Merchandise Way
Diamond Springs, CA 95619
Phone Number: (530) 644-1609

(This statement to be completed by the Agency)
This permit is issued to the owner / contractor ;
if "owner" is checked, he/she is / is not exempt
from the requirement that work in the roadway be
performed by a licensed contractor.

The Applicant intends to perform the following work scope:

Advance one 8" diam. boring, install one 2" diam monitoring well (MW-5A) on easterly
shoulder of North Sixth Avenue 250' south of Grove Way, maintain quarterly monitor/sample
and eventually destroy the well.

Licensed Contractor Declaration:
I hereby affirm, under penalty of perjury, that I hold the
following contractor's license, which is in full force and
effect, under the applicable provisions of the State
Business and Professions Code.
License Class and No. B-48351
Contractor's Signature: _____

Worker's Compensation Insurance Declaration:
I hereby affirm, under penalty of perjury, that I will, during
the performance of any and all work authorized by this
permit, satisfy the requirements of the State Labor Code
with regard to Worker's Compensation Insurance, as
declared below:
 I will maintain a certificate of consent to self-insure.
 I will maintain the following insurance policy:
Carrier's Name and Policy No.:
STATE FUND 017000-09
 I will not employ any person in any manner so as to become
subject to the worker's compensation laws of the State.
Owner's/Contractor's Signature: _____

All work and/or access shall be performed in accordance with the requirements of Chapter 12.08 and,
unless otherwise specified below, shall be fully compliant with each of the terms and conditions of the
attached General Provisions;

CALL THIS NUMBER FOR INSPECTIONS: (510) 610 6633

Bond Information:
\$ 3000.00
BY: [Signature], Alameda County

Insp. Fee or Deposit : \$ 99
\$ 225
Work Completed (Date): _____
Inspector: _____

I certify that the information that I have entered into this permit application is correct, and I agree to comply with all of the
terms and conditions and other requirements of the issued Permit.
[Signature] Signature of Applicant 9/22/10 Date

THIS PERMIT IS INCOMPLETE WITHOUT THE ATTACHED GENERAL PROVISIONS

Horizon Environmental Inc.

WELL DESTRUCTION

FIELD METHODS AND PROCEDURES

The following section describes field procedures that will be utilized by Horizon Environmental Inc. (Horizon) personnel in performance of the tasks involved with this project.

1.0 HEALTH AND SAFETY PLAN

Field work performed by Horizon and subcontractors at the Site will be conducted according to guidelines established in a Site Health and Safety Plan (SHSP). The SHSP is a document that describes the hazards that may be encountered in the field and specifies protective equipment, work procedures, and emergency information. A copy of the SHSP will be at the Site and available for reference by appropriate parties during work at the Site.

2.0 LOCATING UNDERGROUND UTILITIES

Prior to commencement of work on Site, the location of underground utilities will be researched with the assistance of Underground Service Alert (USA). USA will contact the owners of the various utilities in the vicinity of the Site to have the utility owners mark the locations of their underground utilities. Well Destruction permits will be acquired prior to the commencement of work at the Site.

3.0 GROUNDWATER DEPTH EVALUATION

Each monitoring well is opened and allowed to equalize to atmospheric pressure prior to sounding. Total depth (TD) and depth-to-water (DTW) are measured to the nearest 0.01-foot using an electronic, hand-held, water-level indicator. The measuring point is the survey mark on the top of the well casing.

4.0 WELL DESTRUCTION

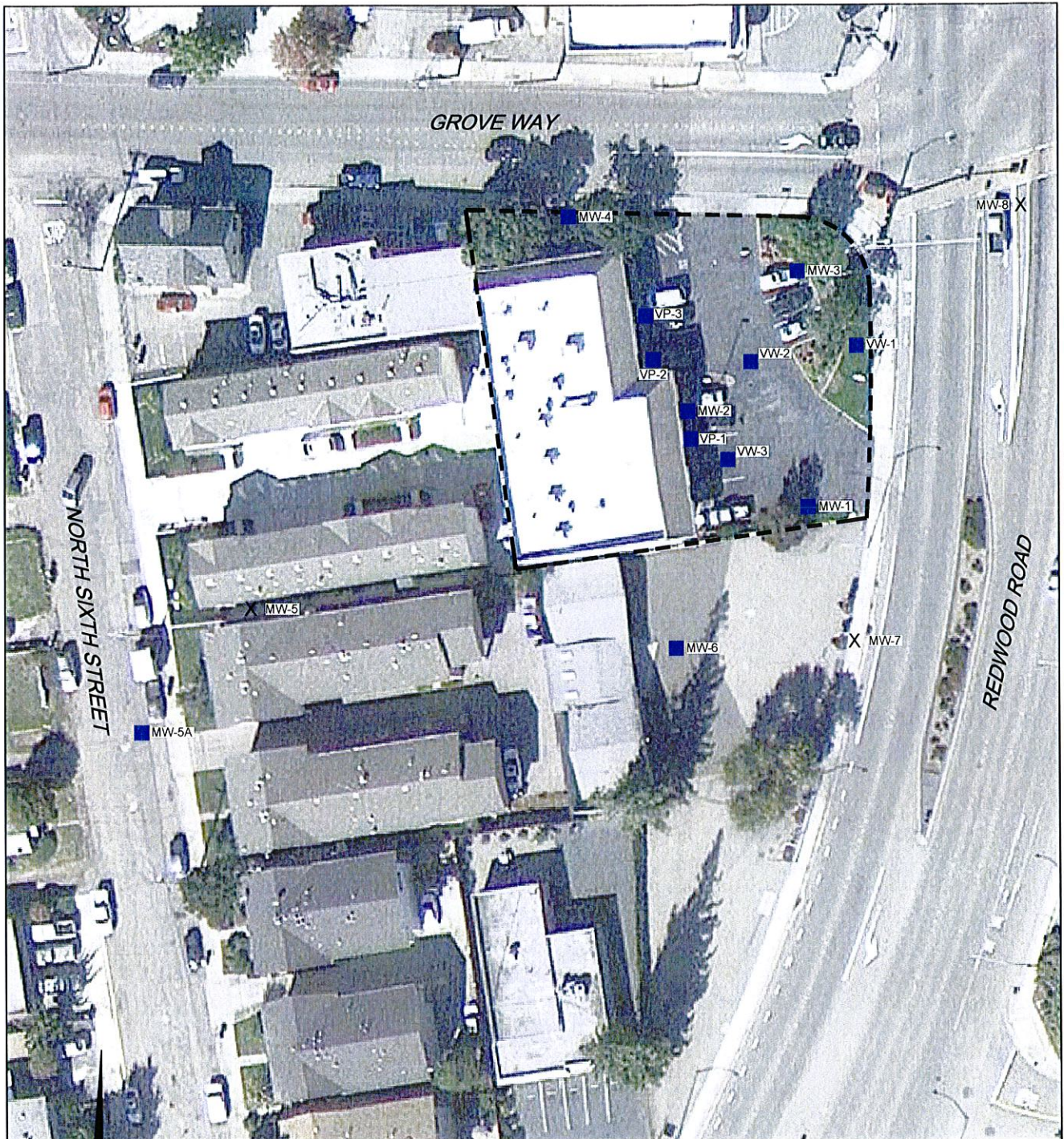
The well box will be removed and the well construction materials will be drilled out to the recorded total depth of the well. The borehole will be backfilled with neat cement grout emplaced through a tremie pipe from the bottom to the top of the borehole. After grouting is completed, the tremie pipe will be removed and additional neat cement will be added to top off the borehole. The upper foot of the borehole will be backfilled with quick-set aggregate cement mix tinted to match the surrounding surface.

For wells that are to be pressure-grouted, add neat cement to the well casing using a tremie pipe, and pressurize the well casing to 25 pounds per square inch (psi) for five minutes to force the cement slurry into the sand pack outside of the slotted well casing. Repeat the process until the grout level stabilizes at or near to the casing top of each well. Remove the well boxes and fill the opening with concrete tinted to match the surrounding surface.

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED



LEGEND	
■	MW-6 DESTROYED MONITORING WELL
■	VW-3 DESTROYED VAPOR EXTRACTION WELL
■	VP-3 DESTROYED SOIL VAPOR PROBE
X	MW-8 PREVIOUSLY DESTROYED MONITORING WELL



Project Number: 1574.03
 Prepared By: K. Liptak
 Reviewed By: K. Mateik

Drawn By: C. Bechtell
 Date: 1/25/12
 Revised Date: 05/27/14

SITE AREA MAP
 FORMER BEACON STATION NO. 12574
 22315 REDWOOD ROAD
 CASTRO VALLEY, CA.

FIGURE
2

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

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WELL COMPLETION REPORT
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