



May 30, 2018

Mr. Mark Detterman
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

RE: MONITORING WELL DESTRUCTION REPORT
Palace Garage
14336 Washington Avenue
San Leandro, California
ACDEH Case # RO0000208, SFRWQCB Case # 01-1133

Dear Mr. Detterman:

On behalf of Kerry & Associates, INNOVEX Environmental Management (INNOVEX) has prepared this Monitoring Well Destruction Report (Report) summarizing the destruction of groundwater monitoring wells at the Palace Garage site located at 14336 Washington Avenue, San Leandro, California (the Site, Figure 1).

Correspondence from the Alameda County Health Care Services Agency, Department of Environmental Health (ACDEH) dated April 9, 2018 directed destruction of all Site groundwater monitoring wells and removal of all waste piles, drums, debris, and other investigation or remediation-derived materials in accordance with State laws prior to Site closure. A copy of the April 9, 2018 ACDEH letter is included in Attachment A. Presented below are details of monitoring well destruction and waste removal activities.

1.0 MONITORING WELL DESTRUCTION

The scope of work included the destruction of five groundwater monitoring wells (MW-1 through MW-5) and two sub-slab soil vapor monitoring probes (Slab-1 and Slab-2) at the locations depicted on Figure 2.

1.1 Preliminary Field Activities

Prior to initiating field activities, INNOVEX obtained the necessary well and sub-slab probe destruction permits from the Alameda County Public Works Agency, obtained an encroachment permit from the City of San Leandro for the destruction of offsite well MW-3 in the City right-of-way, prepared a site-specific Health and Safety Plan (HASP) for the proposed scope of work, and cleared the Site for subsurface utilities. Utility clearance included notifying Underground Service Alert of the pending work a minimum of 48 hours prior to initiating field

activities. Copies of the Alameda County Public Works Agency well destruction permits are included in Attachment B.

A HASP was prepared for use by personnel overseeing and performing well destruction activities. The HASP addressed hazards associated with the fieldwork, and a copy of the HASP was available on-Site during fieldwork. The subcontractor(s) performing field activities were provided with a copy of the HASP prior to initiating work, and safety tailgate meetings were conducted daily prior to beginning any field tasks to review the Site hazards and work scope.

1.2 Well Destruction Procedures

On May 18, 2018, INNOVEX observed VTS Drilling of Hayward, California (VTS) destroy on-Site groundwater monitoring wells MW-1, MW-2, MW-4, and MW-5 and sub-slab soil vapor monitoring probes Slab-1 and Slab-2 in accordance with Alameda County Public Works Agency requirements. After obtaining the required encroachment permit from the City of San Leandro, INNOVEX and VTS returned to the Site on May 25, 2018 to destroy off-Site groundwater monitoring well MW-3. Due to the proximity of a water main within 5 feet of MW-3, the Alameda County Public Works Agency granted a variance and allowed the well to be pressure-grouted without removing the upper five feet of well casing as required for wells within the public right-of-way. Each monitoring well was tremie grouted with neat cement to ground surface, then capped. After capping the wells, a minimum of 30 pounds per square inch (psi) of pressure was applied to each well casing. Additional cement grout was added to each well casing as needed to ensure the well casing was full of grout and able to maintain 30 psi for a minimum of 5 minutes without a drop-in pressure. After pressure grouting was complete, the well boxes were removed and the resulting open holes were backfilled with concrete or asphalt to match existing surface conditions. Sub-slab soil vapor monitoring probes Slab-1 and Slab-2 were destroyed by hand augering to remove the probes from the boreholes, then filling the boreholes with neat cement and finishing to grade with concrete to match existing surface conditions. Table 1 contains information on the status of all Site wells.

1.3 Waste Disposal

No investigation-derived waste (IDW) was generated during sub-slab soil vapor monitoring probe and well destruction activities. The broken concrete, asphalt, and well boxes generated from destruction activities were removed from the Site and disposed of by VTS at an appropriate facility. No additional waste piles, drums, debris, or other investigation or remediation-derived materials were present at the Site at the time well destruction activities were performed.

2.0 SUMMARY REPORT

In accordance with State of California requirements, INNOVEX will upload this final report and associated documents related to this work scope to the GeoTracker website. INNOVEX will also prepare well completion forms indicating the wells have been destroyed and submit them to the Department of Water Resources and Alameda County Public Works Agency under separate cover.

3.0 LIMITATIONS

This Report is based on Site conditions, data, and other information available as of the date of the Report, and the conclusions and recommendations herein are applicable only to the time frame in which the Report was prepared. Background information used to prepare this Report including, but not limited to, previous field measurements, analytical results, Site plans and other data have been furnished to INNOVEX by Kerry & Associates and as available on the GeoTracker database. INNOVEX has relied on this information as furnished and is neither responsible for nor has confirmed the accuracy of this information.

We appreciate the opportunity to submit this report and trust that this document meets with your approval. If you have any questions or concerns, feel free to contact the undersigned at (925) 566-8403 or brian.busch@innovex.net.

Sincerely,
INNOVEX Environmental Management, Inc.



Brian Busch
Supervising Scientist



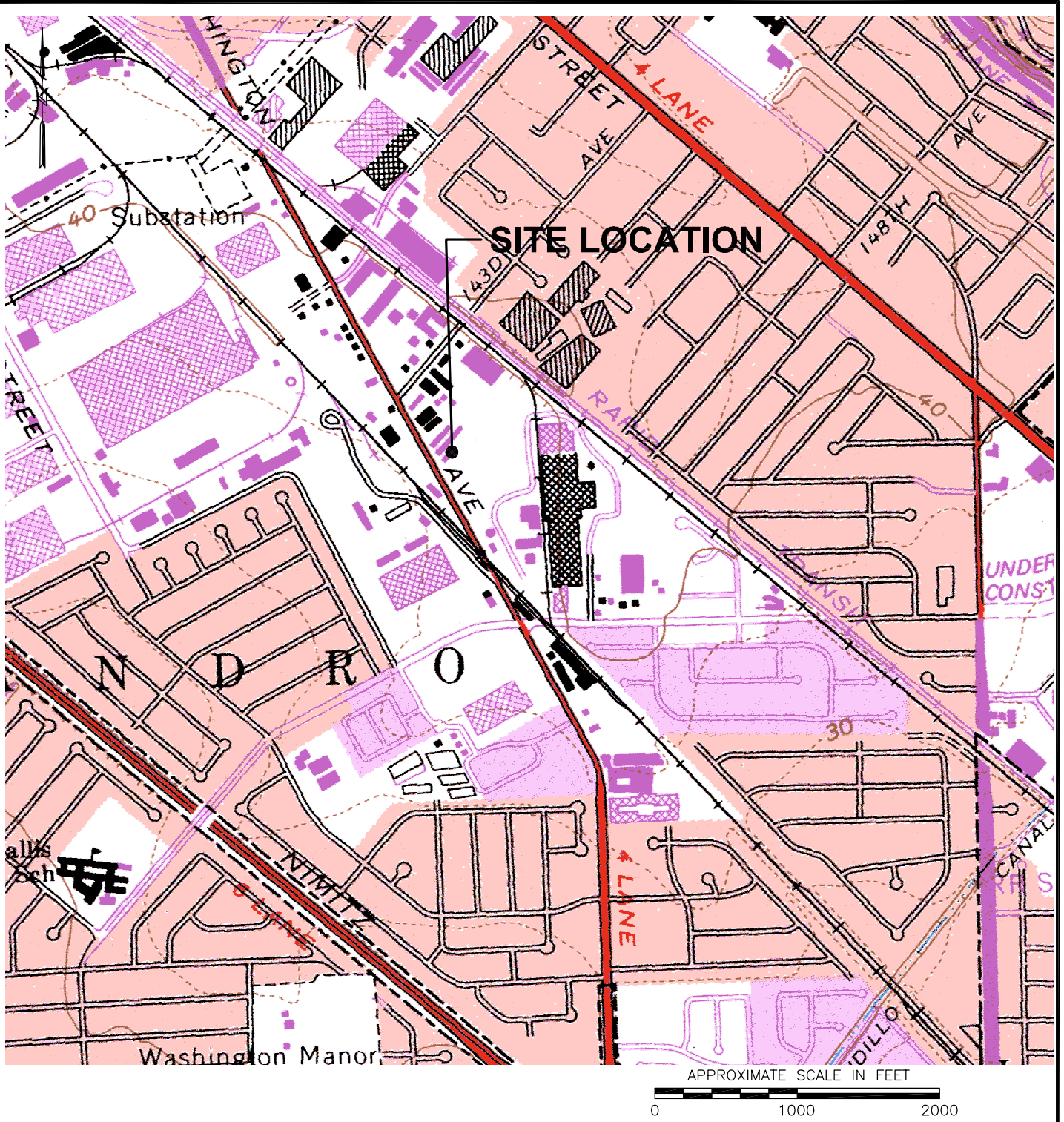
Christian Heltne, PE
Senior Engineer



ATTACHMENTS:

Figure 1	Site Location Map
Figure 2	Site Map
Table 1	Well Status Table
Attachment A	ACDEH Correspondence
Attachment B	Well Destruction Permits
cc:	Mr. Jeff Kerry, Kerry & Associates Mr. Gerald Donnelly

FIGURES



20140404.1.1433951 \\The-server\pocher\Client Drawings\innovex\palace garage_1601\PALACE GARAGE VICINITY MAP.dwg

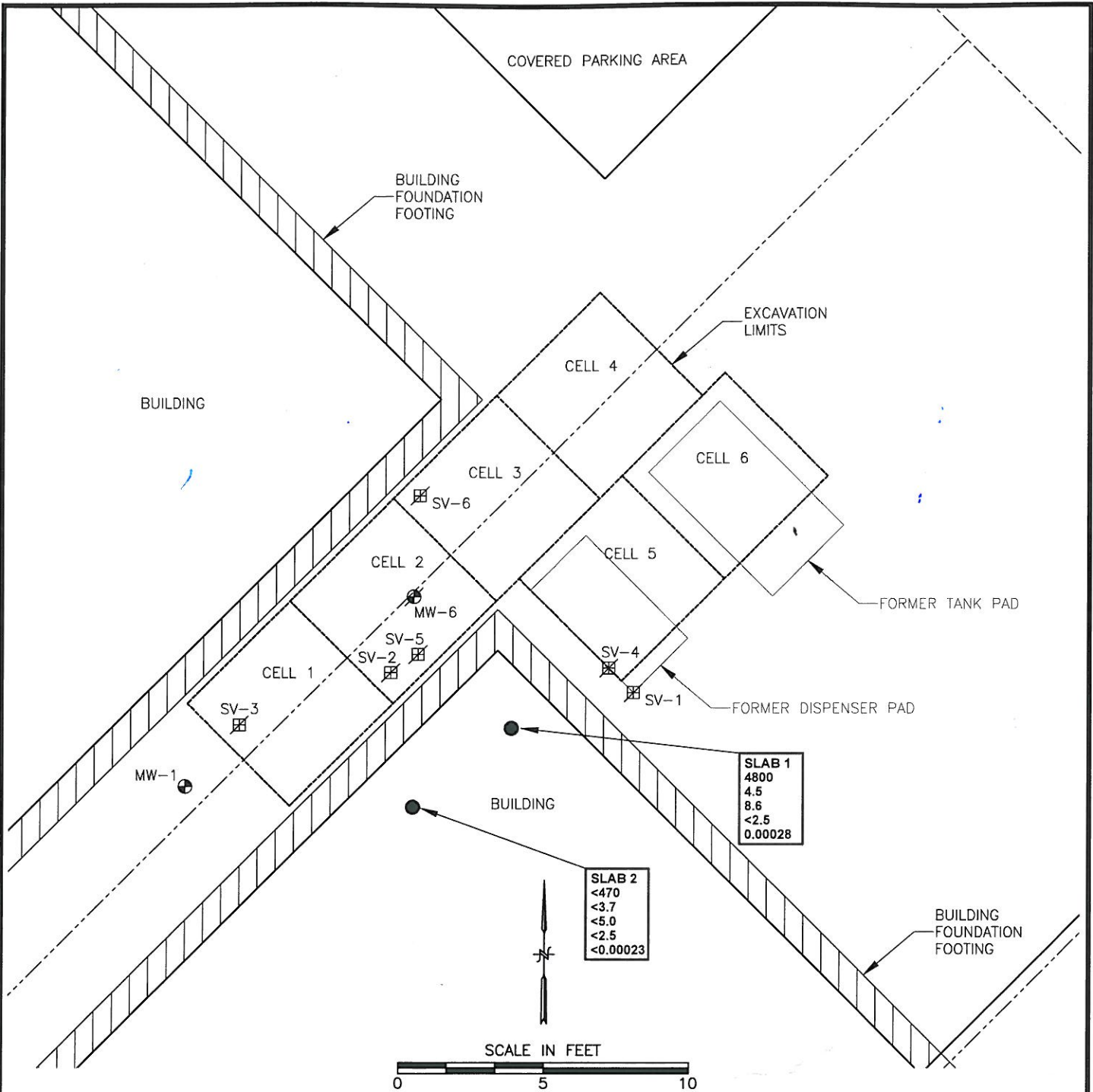
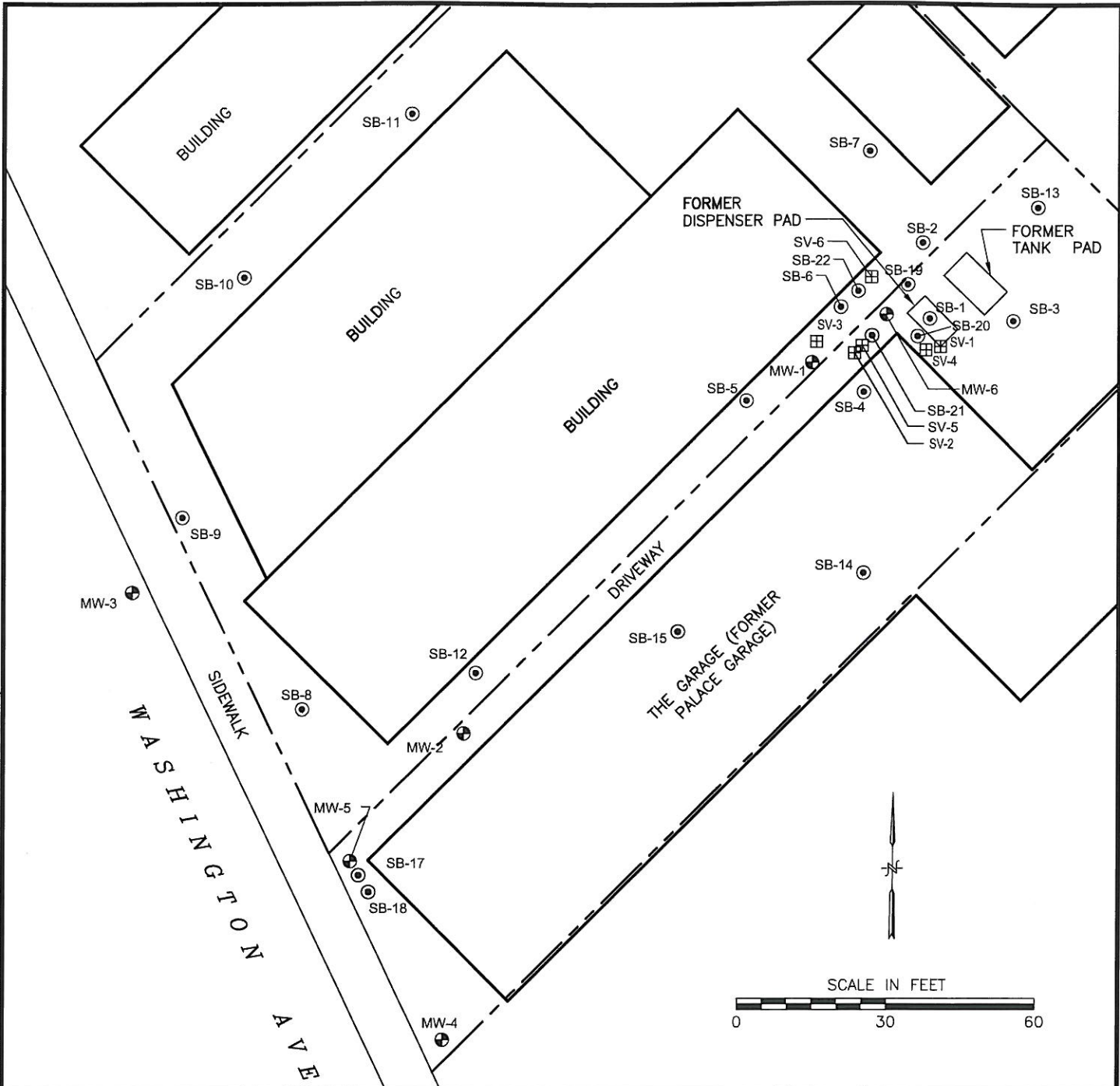
REFERENCE:
 USGS 7.5 MIN QUAD MAP TITLED: SAN LEANDRO, CALIFORNIA DATED: 1959 REV: 1980

FIGURE 1 SITE LOCATION MAP

PALACE GARAGE
 14336 WASHINGTON AVENUE
 SAN LEANDRO, CALIFORNIA

 **INNOVEX**
 ENVIRONMENTAL MANAGEMENT, INC.
 3900 Lennane Drive • Suite 130
 Sacramento • California • 95834
 Phone: (800) 988-7880

20131114.19013082 C:\Documents and Settings\Ron P\My Documents and Settings\Public\palace\palace GARAGE SITE MAP.dwg



- LEGEND:**
- SHALLOW SOIL SAMPLE LOCATION
 - ⊕ GROUNDWATER MONITORING WELL LOCATION
 - ⊙ SOIL BORING LOCATION
 - ⊞ SOIL VAPOR PROBE
 - PROPERTY LINE

NOTES:

1. BASEMAP SOURCE: MORROW SURVEYING, 2/05/03

FIGURE 2
SITE MAP WITH BORING LOCATIONS

PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA


INNOVEX
 ENVIRONMENTAL MANAGEMENT, INC.
 4600 Northgate Boulevard • Suite 230
 Sacramento • California • 95834
 Phone: (800) 988-7880

- LEGEND:**
- SUB-SLAB VAPOR PROBE LOCATION
 - ⊕ MONITORING WELL LOCATION
 - ⊕ DESTROYED MONITORING WELL LOCATION
 - ⊞ DESTROYED VAPOR PROBE
 - LIMITS OF EXCAVATION (MAY 2015)
 - SLAB DESIGNATION

<470	— TPHG
<3.7	— BENZENE
<5.0	— ETHYLBENZENE
<2.5	— NAPHTHALENE
<0.00023	— METHANE

NOTES:

1. BASEMAP SOURCE: MORROW SURVEYING 02/05/03
2. REPTED IN UG/M3. METHANE REPORTED AS %.

FIGURE 2
SITE PLAN WITH SUB SLAB VAPOR PROBE LOCATIONS

PALACE GARAGE
14336 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA


INNOVEX
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 3900 Lennane Drive • Suite 130
 Sacramento • California • 95834
 Phone: (800) 988-7880

Palace Garage
14336 Washington Ave., San Leandro, CA

Table 1 - Well Status

<u>Well ID</u>	<u>Diam. (in)</u>	<u>Depth (ft)</u>	<u>Blank (ft)</u>	<u>Screen (ft)</u>	<u>Date Destroyed</u>	<u>Method</u>
MW-1	2	24	14	10	5/18/2018	pressure grout
MW-2	2	24	14	10	5/18/2018	pressure grout
MW-3	2	24	14	10	5/25/2018	pressure grout
MW-4	3/4"	22.5	7.5	15	5/18/2018	pressure grout
MW-5	2	18	8	10	5/18/2018	pressure grout
MW-6	2	20	13	7	5/20/2015	removed by backhoe during excavation

**ATTACHMENT A
ACDEH CORRESPONDENCE**

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

COLLEEN CHAWLA, Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP)
For Hazardous Materials Releases
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

March 9, 2018

Mr. Jeff Kerry
Kerry & Associates
151 Callan Avenue, Suite 300
San Leandro, CA 94577
(Sent via electronic mail to:
djkerry1@aol.com)

Mr. Jeffery Kerry
Jeffery & Dolores Kerry Trust
& James Donnelley et. al.
1121 Brookvale Drive
San Leandro, CA 94577

Lucia and Morris Donnelly
Address Unknown

Morris Donnelley, and
Dolores and Jeffrey Kerry
Address Unknown

Donnelly Trust
c/o Gerald Donnelly, Trustee, and
Dolores and Jeffrey Kerry Trust
38822 Farwell Drive, Apt. 18E
Fremont, CA 94536

Subject: Monitoring Well Destruction and Investigation Derived Waste Removal; Fuel Leak Case RO00000208; and Global ID #T0600101043, Palace Garage 14336 Washington Avenue, San Leandro, CA 94578

Dear Responsible Parties:

Alameda County Department of Environmental Health (ACDEH) staff has reviewed the above-referenced fuel leak case file for proposed case closure pursuant to California Health and Safety Code (H&SC) Section 25296.10 and the State Water Board's Low-Threat Underground Storage Tank Case Closure Policy (LTCP). Based on our review, ACDEH has determined that the site appears to qualify for case closure. Public notification of the potential closure of the case was completed December 18, 2017. No comments were received.

Prior to case closure you must complete the following actions:

1. Properly destroy all groundwater monitoring wells in accordance with California Water Code and Alameda County Ordinance Code 6.88 under permit by the well permitting agency; and
2. Remove all waste piles, drums, debris and other investigation or remediation derived material in accordance with State laws.

Therefore at this juncture, ACDEH requests that you address the following comments, perform the proposed work, and submit the documents requested below by the associated compliance dates. Upon receipt of the requisite documents, ACDEH will close the case and issue a Remedial Action Completion Certificate (RACC).

COMMENTS

1. **Monitoring Well Destruction** – All groundwater, soil vapor monitoring, and remediation wells must be properly destroyed under permit by the appropriate well permitting agency. In order to expedite the case closure process, ACDEH requests that you initiate the well destruction permitting process upon receipt of this letter by contacting Alameda County Public Works Agency at (510) 567-6791 to obtain the necessary permits.

Please complete the destruction of remaining wells by the dates listed below.

- **Well Destruction Permits – April 27, 2018**
 - **Well Destruction – May 18, 2018**
2. **Waste Removal** – All investigation and remediation derived materials must be removed from the site and properly disposed of at an appropriate designated facility in accordance with applicable State laws. Please be aware that three signatures (generator, transporter, and receiving facility) are required on the final waste removal manifests.

To satisfy this requirement, please complete waste removal activities by the compliance date listed below.

- **Waste Removal – May 25, 2018**
3. **Well Destruction and Waste Removal Report** – Prepare a report documenting well destruction and waste removal activities. The report must include a well status table, well destruction permits, and waste manifests signed by the accepting disposal facility.

To satisfy this requirement, please submit the report to the State Water Board's Geotracker website in accordance the compliance date listed below.

- **Well Destruction and Waste Removal Report – June 18, 2018**

NOTIFICATION OF FIELDWORK ACTIVITIES

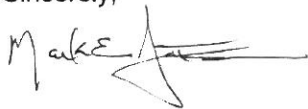
Please provide ACDEH with at least three (3) business day notification prior to conducting the fieldwork.

SUBMITTAL REQUIREMENTS

Please submit all requested documents in accordance with the requirements in **Attachment 1** (Attention: Mark Detterman).

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 E. Detterman, PG 4799, CEG 1788
Senior Hazardous Materials Specialist

Attachment 1 - Responsible Party(ies) Legal Requirements/Obligations and Electronic Report Upload Instructions

cc: Closure Solutions, Inc., 4600 Northgate Blvd, Suite 230, Sacramento, CA 95834 (Sent via electronic mail to: tom.sparrow@innovex.net)

Arturo Robles, 6 Ramon Court, Danville, CA 94526; (Sent via electronic mail to: pill97@comcast.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

Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	REVISION DATE: December 14, 2017
	ISSUE DATE: July 25, 2012
	PREVIOUS REVISIONS: September 17, 2013, May 15, 2014, December 12, 2016
SECTION: ACDEH Procedures	SUBJECT: Responsible Party(ies) Legal Requirements / Obligations

REPORT & DELIVERABLE REQUESTS

Alameda County Department of Environmental Health (ACDEH) Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) require submission of all reports in electronic form to the State Water Board's (SWB) GeoTracker website in accordance with California Code of Regulations, Chapter 30, Division 3, Title 23 and Division 3, Title 27.

Leaking Underground Fuel Tank (LUFT) Cases

Reports and deliverable requests are 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 (RP) in conjunction with an unauthorized release from a petroleum underground storage tank (UST) system.

Site Cleanup Program (SCP) Cases

For non-petroleum UST cases, reports and deliverables requests are pursuant to California Health and Safety Code Section 101480.

ELECTRONIC SUBMITTAL OF REPORTS

A complete report submittal includes the PDF report and all associated electronic data files, including but not limited to GEO_MAP, GEO_XY, GEO_Z, GEO_BORE, GEO_WELL, and laboratory analytical data in Electronic Deliverable Format™ (EDF). Additional information on these requirements is available on the State Water Board's website (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)

- Do not upload draft reports to GeoTracker
- Rotate each page in the PDF document in the direction that will make it easiest to read on a computer monitor.

GEOTRACKER UPLOAD CERTIFICATION

Each report submittal is to include a GeoTracker Upload Summary Table with GeoTracker valid values¹ as illustrated in the example below to facilitate ACDEH review and verify compliance with GeoTracker requirements.

GeoTracker Upload Table Example

Report Title	Sample Period	PDF Report	GEO_MAPS	Sample ID	Matrix	GEO_Z	GEO_XY	GEO_BORE	GEO_WELL	EDF
2016 Subsurface Investigation Report	2016 S1	✓	✓	Effluent	SO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓
2012 Site Assessment Work Plan	2012	✓	✓			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2010 GW Investigation Report	2008 Q4	✓	✓	SB-10	W	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓
				SB-10-6	SO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓
				MW-1	WG	✓	✓	✓	✓	✓
				SW-1	W	✓	✓	✓	✓	✓

¹ GeoTracker Survey XYZ, Well Data, and Site Map Guidelines & Restrictions, CA State Water Resources Control Board, April 2005

Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	REVISION DATE: NA
	ISSUE DATE: December 14, 2017
	PREVIOUS REVISIONS: September 17, 2013, May 15, 2014, December 12, 2016
SECTION: ACDEH Procedures	SUBJECT: Responsible Party(ies) Legal Requirements / Obligations

ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to the State Water Board's GeoTracker website." This letter must be signed by the Responsible Party, or legally authorized representative of the Responsible Party.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional and include the professional registration stamp, signature, and statement of professional certification. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsq.ca.gov/laws/index.shtml>.

UNDERGROUND STORAGE TANK CLEANUP FUND

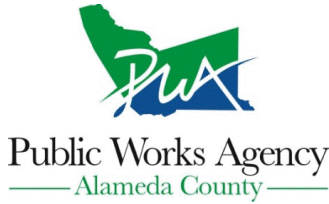
For LUFT cases, RP's non-compliance with these regulations may result in ineligibility to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse the cost of cleanup. Additional information is available on the internet at: https://www.waterboards.ca.gov/water_issues/programs/ustcf/

AGENCY OVERSIGHT

Significant delays in conducting site assessment/cleanup or report submittals may result in referral of the case to the Regional Water Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

**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: 04/23/2018 By jamesy

Permit Numbers: W2018-0321 to W2018-0326
Permits Valid from 05/16/2018 to 05/16/2018

Application Id: 1523656924906 **City of Project Site:**San Leandro
Site Location: 14336 Washington Ave, San Leandro, CA 94578, USA
Project Start Date: 05/16/2018 **Completion Date:**05/16/2018
Assigned Inspector: Contact Eneyew Amberber at (510) 670-5759 or eneyew@acpwa.org

Applicant: INNOVEX Environmental - Brian Busch **Phone:** 925-708-2775
 2300 Clayton Road, Suite 1435, Concord, CA 94520
Property Owner: Jeff Kerry **Phone:** 510-483-4211
 151 Callan Avenue, #300, San Leandro, CA 94577
Client: ** same as Property Owner **
Contact: Brian Busch **Phone:** 925-708-2775
Cell: --

Receipt Number: WR2018-0204	Total Due:	\$2250.00
Payer Name : Ronald D Chinn	Total Amount Paid:	\$2250.00
	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 5 Wells
 Driller: VTS Drilling LLC - Lic #: 916085 - Method: press

Work Total: \$1985.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2018-0321	04/23/2018	08/14/2018	MW-1	8.00 in.	2.00 in.	13.00 ft	24.00 ft			
W2018-0322	04/23/2018	08/14/2018	MW-2	8.00 in.	2.00 in.	13.00 ft	24.00 ft			
W2018-0323	04/23/2018	08/14/2018	MW-3	8.00 in.	2.00 in.	13.00 ft	24.00 ft			
W2018-0324	04/23/2018	08/14/2018	MW-4	8.00 in.	2.00 in.	6.50 ft	22.50 ft			
W2018-0325	04/23/2018	08/14/2018	MW-5	8.00 in.	2.00 in.	7.00 ft	18.00 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.

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

Alameda County Public Works Agency - Water Resources Well Permit

mail original to the Alameda County Public Works Agency, Water Resources Section, within 30 days. Include permit number and site map.

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. Destroy well MW-3 by overdrilling the upper 5ft. below ground surface (bgs) and then tremie grouting with neat cement. 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 by approved encroachment permit concrete material and asphalt material by Caltrans Spec or County/City Codes.
12. All other wells can be destroyed by the pressure or tremie grouting method.

Well Destruction-Vapor monitoring well - 2 Wells

Driller: VTS Drilling LLC - Lic #: 916085 - Method: Hand

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 #
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Alameda County Public Works Agency - Water Resources Well Permit

W2018-0326	04/23/2018	08/14/2018	Slab 1	3.00 in.	0.00 in.	0.50 ft	1.50 ft
W2018-0326	04/23/2018	08/14/2018	Slab 2	3.00 in.	0.00 in.	0.50 ft	1.50 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. 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, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

3. 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.

4. 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.

5. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.

6. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

7. 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.

8. 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.

9. 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.

10. Vapor monitoring wells constructed with tubing shall be decommissioned by complete removal of tubing, grout seal, and fill material of sand or bentonite. Fill material may be removed by hand auger if material can be removed completely.

Vapor monitoring wells constructed with pvc pipe less than 2" shall be overdrilled to total depth.

Vapor monitoring wells constructed with 2" pvc pipe or larger may be grouted by tremie pipe (any depth) or pressure

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grouted (less than 30', 25 psi for 5 min).
