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By Alameda County Environmental Health at 2:17 pm, Jul 25, 2014

26 July 2014

Mr. Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Lucasey Manufacturing
2744 East 11th Street
Oakland, CA 94601
R00002902

Dear Mr. Wickham:

As the legally authorized representative of the above-referenced project location, I have reviewed the Well Destruction Report (July 2014) prepared by my consultant of record, ERM. I declare, under penalty of perjury, that the information and/or recommendations contained in this report are true and correct to the best of my knowledge.

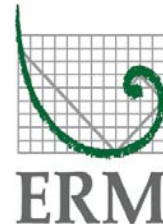
Sincerely,



Charles J Lucasey

26 July 2014

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502



Subject: Well Destruction Report
Lucasey Site - 2744 East 11th Street, Oakland
SLIC Case RO0002902

Dear Mr. Wickham:

ERM-West, Inc. (ERM) has prepared this report to document the well destruction activities performed for the Lucasey Manufacturing Corporation (Lucasey) site at 2744 East 11th Street in Oakland, California. This work was completed to comply with the requirements outlined in the "Well Decommissioning" letter dated 13 March 2014 issued by the Alameda County Environmental Health Division (ACEH) for the site.

SITE LOCATION, HISTORY, AND DESCRIPTION

The site is located at 2744 E. 11th Street in Oakland, California (Figure 1). The site is in a mixed residential and light industrial area. The property is bounded by railroad tracks to the north, residences to the southwest, the Oakland Animal Shelter to the southeast and businesses to the northeast and northwest. E. 11th Street runs along the southern border of the site.

SCOPE OF WORK

The scope of work performed was the decommissioning of the three product recovery wells (RW-1, -2, -3), and five product monitoring wells (PMW-1A, PMW-1B, PMW-2A, PMW-2B, PMW-3) at the site. This section presents the procedures followed while performing the scope of work.

Permitting and Utility Clearance

Prior to implementing decommissioning activities, ERM secured a permit to destroy the wells from the Alameda County Public Works Agency (ACPWA). In addition, ERM secured an excavation permit from the City of Oakland (City) to perform destruction activities on product monitoring well PMW-3 installed in the City's right-of-way on E. 11th Street. A City encroachment permit for PMW-3 was obtained at the time of installation and is still active until destruction activities are completed for that well. ERM has included copies of the permits as Attachment A.

All proposed well destruction locations were marked prior to performing any decommissioning activities. Underground Services Alert (USA), a notification service for marking underground utilities on public rights of way, was notified at least 48 hours prior to initiating the proposed work.

Well Destruction Activities

Well destruction activities were performed under ERM's direction on 14 and 15 July 2014. Gregg Drilling and Testing, a licensed C-57 drilling contractor, performed the well destruction activities. Well destruction activities were observed by ACPWA Inspectors James Yoo and Steve Miller.

Each well to be destroyed was measured to total depth to verify, based on original well logs, that significant silting, bridging, or casing failure had not occurred. The wells were destroyed using pressure grouting techniques. All wells were abandoned in accordance with State and County requirement, and were consistent with the requirements specified in the State of California Department of Water Resources Bulletin 74-81 *Water Well Standards: State of California* (DWR 1981) and the supplement to that Bulletin, State of California Department of Water Resources Bulletin 74-90 *California Well Standards* (DWR 1981). The well casings were backfilled with neat cement via a tremmie pipe. Once the neat cement was emplaced, a pressure of 25 psi was applied at the well head for at least 5 minutes. Following pressure grouting activities, the drillers removed the well surface completions. The remaining space was backfilled to near surface with neat cement, and topped with concrete. Black dye was added to the concrete at location PMW-3 to match the surrounding asphalt surface. No investigation derived wastes, such as

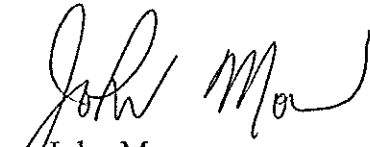
soil cuttings or displacement groundwater, were generated during destruction activities due to utilizing pressure grouting methodologies.

Department of Water Resources Reports

ERM completed the State of California Well Completion Reports for the destroyed wells and submitted them to the Department of Water Resources. Copies of the reports are included as Attachment B.

If you have any questions, please feel free to call me at (925) 946-0455.

Sincerely,


John Moe
Project Manager

JCM/jcm/0097888
Enclosures



Cc: Charles Lucasey

Figure

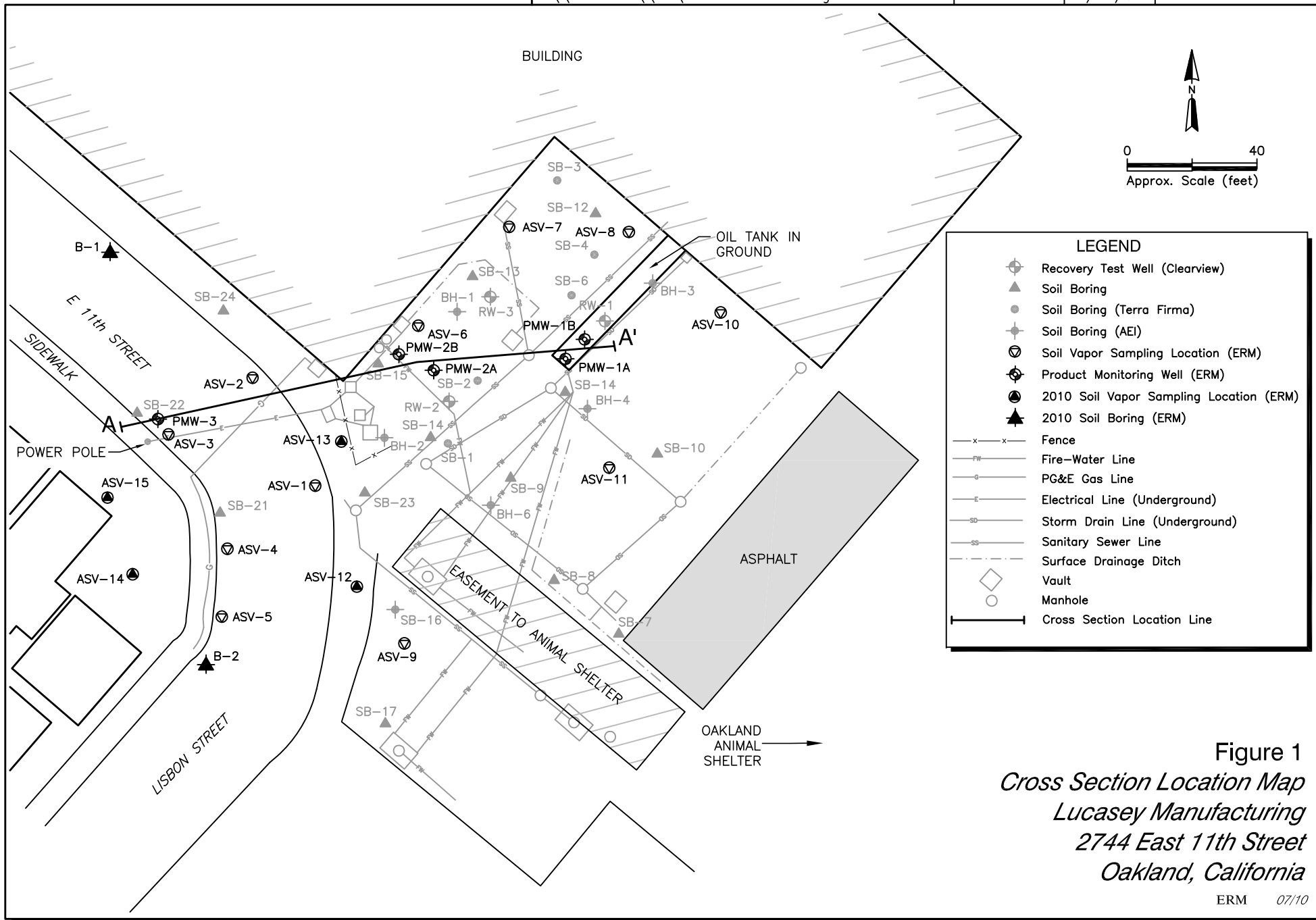
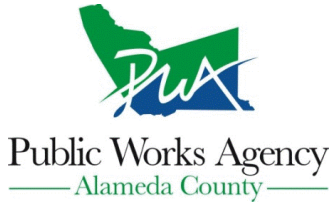


Figure 1
*Cross Section Location Map
 Lucasey Manufacturing
 2744 East 11th Street
 Oakland, California*

Attachment A
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: 06/25/2014 By jamesy

**Permit Numbers: W2014-0612 to W2014-0617
Permits Valid from 07/14/2014 to 07/15/2014**

Application Id: 1403299682719
Site Location: 2744 E 11th St, Oakland, CA
Project Start Date: 07/14/2014

City of Project Site: Oakland

Completion Date: 07/15/2014

Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant: ERM West - Doug Moberg
1277 Treat Blvd #500, Walnut Creek, CA 94597

Phone: 925-946-0455

Property Owner: Lucasey Mfg
2744 E 11th St, Oakland, CA 94512

Phone: 510-534-1435

Client: Del Monte Foods Steve Balling
205 N Wiget Ln, Walnut Creek, CA 94598

Phone: -- x

Receipt Number: WR2014-0264	Total Due:	\$2250.00
Payer Name : ERM West	Total Amount Paid:	\$2250.00
	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 5 Wells

Driller: Gregg Drilling - Lic #: 485165 - 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 #
W2014-0612	06/25/2014	10/12/2014	PMW-1A	8.00 in.	2.00 in.	5.00 ft	17.50 ft	2S/3W7B	W2010-0107	E0112599
W2014-0613	06/25/2014	10/12/2014	PMW-1B	8.00 in.	2.00 in.	1.50 ft	25.50 ft	2S/3W7B	W2010-0108	E0112604
W2014-0614	06/25/2014	10/12/2014	PMW-2A	8.00 in.	2.00 in.	6.00 ft	17.50 ft	2S/3W7B	W2010-0109	E0112606
W2014-0615	06/25/2014	10/12/2014	PMW-2B	8.00 in.	2.00 in.	21.00 ft	25.00 ft	2S/3W7B	W2010-0110	E0112605
W2014-0616	06/25/2014	10/12/2014	PMW-3	8.00 in.	2.00 in.	6.00 ft	15.00 ft	2S/3W7B	W2010-0111	E0112607

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

Alameda County Public Works Agency - Water Resources Well Permit

(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 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 wells PMW-1A, PMW-1B, PMW-2A, PMW-2B and PMW-3 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. PMW-3 well destruction revised and approved to be pressure grouted due to utility conflict (Overhead power line).

Remediation Well Destruction-Extraction - 3 Wells

Driller: Gregg Drilling - Lic #: 485165 - Method: press

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 #
W2014-0617	06/25/2014	10/12/2014	RW1	10.00 in.	4.00 in.	5.00 ft	25.00 ft	2S/3W7B	W2008-0099	E072506
W2014-0617	06/25/2014	10/12/2014	RW2	10.00 in.	4.00 in.	5.00 ft	25.00 ft	2S/3W7B	W2008-0099	E072507
W2014-0617	06/25/2014	10/12/2014	RW3	10.00 in.	4.00 in.	5.00 ft	25.00 ft	2S/3W7B	W2008-0099	E072508

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.

Alameda County Public Works Agency - Water Resources Well Permit

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 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.
 4. Remove the Christy box or similar structure. Pressure Grout with Cement (Less than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
 5. 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.
-

NO FEE DOCUMENT PURSUANT TO GOVERNMENT CODE SECTION 6103

recording requested by:

CITY OF OAKLAND
when recorded mail to:

City of Oakland
CEDA - Building Services
Dalziel Administration Building
250 Ogawa Plaza - 2nd Floor
Oakland, CA 94612
Attn: City Engineer



2010165247

06/14/2010 01:24 PM

OFFICIAL RECORDS OF ALAMEDA COUNTY
PATRICK O'CONNELL
RECORDING FEE: 39.00



9 PGS

----- space above for Recorder's use only -----

INDENTURE AGREEMENT

Address 2744 E 11th Street

permit no. ENMI 10078

parcel no. 019 -0093-013-00

authorities Municipal Code Section 12.08.080

description Allow monitoring well PMW-3 to encroach into the public right-of-way on E 11th Street.

RECITAL

The owner subscribed below of fee simple interest in the property referenced above and described in Exhibit B attached hereto, is hereby granted, for an indeterminate period of time, the revocable permit referenced above allowing the temporary encroachment described above and delineated in Exhibit C, attached hereto, and limiting the use, exercise, and operation of the encroachment with the requirements and restrictions set forth in Exhibit A, attached hereto, and the associated permit. The owner agrees by and between themselves to be bound by the general and special conditions in Exhibit A and to comply with these conditions faithfully and fully at all times. The conditions of this agreement and associated permit shall equally bind all agents, heirs, successors, and assigns of the owner.

ACKNOWLEDGEMENT OF PROPERTY OWNER

(notarization of signature required)

Lucasey Manufacturing Corporation

Signature [Handwritten Signature]

Date MAY 4, 2010

Print Name Chasmy Lucasey

Title President

ATTACHMENTS

- Exhibit A - Conditions of encroachment
- Exhibit B - Description of privately owned parcel

Exhibit C - Limits of encroachment

CITY OF OAKLAND a municipal corporation	by <u>[Handwritten Signature]</u> date _____
WALTER S. COHEN Director	RAYMOND M. DERANIA City Engineer Community and Economic Development Agency

NO FEE DOCUMENT PURSUANT
TO GOVERNMENT CODE SECTION 6103

recording requested by:

CITY OF OAKLAND
when recorded mail to:

City of Oakland
CEDA - Building Services
Dalziel Administration Building
250 Ogawa Plaza - 2nd Floor
Oakland, CA 94612
Attn: City Engineer

----- space above for Recorder's use only -----

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ACKNOWLEDGEMENT OF PROPERTY OWNER

(notarization of signature required)

Lucasey Manufacturing Corporation

Signature _____

Date _____

Print Name _____

Title _____

ATTACHMENTS

Exhibit A - Conditions of encroachment

Exhibit C - Limits of encroachment

Exhibit B - Description of privately owned parcel

CITY OF OAKLAND
a municipal corporation

WALTER S. COHEN
Director

by 

_____ date _____
RAYMOND M. DERANIA
City Engineer

Community and Economic Development Agency

EXHIBIT A

Conditions For An Encroachment In The Public Right-Of-Way

address 2744 E 11th Street

parcel no. 019 -0093-013-00

permittee LUCASEY MANUFACTURING CORPORATION

permit no. ENMI 10078

• **General conditions of the encroachment**

1. This agreement may be voided and the associated permit for an encroachment may be revoked at any time and for any reason, at the sole discretion of the City Administrator or his or her designee, or the associated permit may be suspended at any time, at the sole discretion of the City Engineer, upon failure of the permittee to comply fully and continuously with each and all of the general and special conditions set forth herein and in the associated permit.
2. The property owner and permittee hereby disclaim any right, title, or interest in or to any portion of the public right-of-way, including the sidewalk and street, and agree that the encroachment is granted for indeterminate period of time and that the use and occupancy by the permittee of the public right-of-way is temporary and does not constitute an abandonment, whether expressed or implied, by the City of Oakland of any of its rights associated with the statutory and customary purpose and use of and operations in the public right-of-way.
3. The permittee agrees to indemnify and save harmless the City of Oakland, its officers, agents, employees, and volunteers, and each of them, from any suits, claims, or actions brought by any person or persons, corporations, or other entities for on account of any bodily injury, disease, or illness, including death, damage to property, real or personal, or damages of any nature, however caused, and regardless of responsibility for negligence, arising in any manner out of the construction of or installation of a private improvement itself or sustained as result of its construction or installation or resulting from the permittees' failure to maintain, repair, remove and/or reconstruct the private improvement.
4. The permittee shall maintain fully in force and effect at all times that the encroachment occupies the public right-of-way good and sufficient public liability insurance in a face amount not less than \$300,000.00 for each occurrence, and property damage insurance in a face amount not less than \$50,000.00 for each occurrence, both including contractual liability, insuring the City of Oakland, its officers, agents, employees, and volunteers against any and all claims arising out of the existence of the encroachment in the public right-of-way, as respects liabilities assume under this permit, and that a certificate of such insurance and subsequent notices of the renewal thereof, shall be filed with the City Engineer of the City of Oakland, and that such certificate shall state that the insurance coverage shall not be canceled or be permitted to lapse without thirty calendar (30) days written notice to the City Engineer. The permittee also agree that the City of Oakland may review the type and amount of insurance required of the permittee annually and may require the permittee to increase the amount of and/or change the type of insurance coverage required.
5. The permittee shall be solely and fully liable and responsible for the repair, replacement, removal, reconstruction, and maintenance of any portion or all of the private improvements constructed or installed in the public right-of-way, whether by the cause, neglect, or negligence of the permittee or others and for the associated costs and expenses necessary to restore or remove the encroachment to the satisfaction of the City Engineer and shall not allow the encroachment to become a blight or a menace or a hazard to the health and safety of the general public.

6. The permittee acknowledge and agree that the encroachment is out of the ordinary and does not comply with City of Oakland standard installations. The permittee further acknowledge and agree that the City of Oakland and public utility agencies will periodically conduct work in the public right-of-way, including excavation, trenching, and relocation of its facilities, all of which may damage the encroachment. Permittee further acknowledge and agree that the City and public utility agencies take no responsibility for repair or replacement of the encroachment which may be damaged by the City or its contractors or public utility agencies or their contractors. Permittee further acknowledge and agree that upon notification by and to the satisfaction of the City Engineer, permittee shall immediately repair, replace, or remove, at the sole expense of the permittee, all damages to the encroachment that are directly or indirectly attributable to work by the City or its contractors or public utility agencies or their contractors.
 7. Permittee shall remain liable for and shall immediately reimburse the City of Oakland for all costs, fee assessments, penalties, and accruing interest associated with the City's notification and subsequent abatement action for required maintenance, repairs, or removal, whether in whole or in part, of the encroachment or of damaged City infrastructure made necessary by the failure, whether direct or indirect, of the permittee to monitor the encroachment effectively and accomplish preventative, remedial, or restorative work expeditiously. The City reserves the unqualified right to collect all monies unpaid through any combination of available statutory remedies, including recordation of Prospective Liens and Priority Liens/ Special Assessments with the Alameda County Recorder, inclusion of non-reimbursed amounts by the Alameda County Assessor with the annual assessment of the general levy, and awards of judgments by a court of competent jurisdiction.
 8. Upon revocation of the encroachment permit, permittee shall immediately, completely, and permanently remove the encroachment from the public right-of-way and restore the public right-of-way to its original conditions existing before the construction or installation of the encroachment, to the satisfaction of the City Engineer and all at the sole expense of the permittee.
 9. This agreement and the associated permit for an encroachment shall become effective upon filing of this agreement with the Alameda County Recorder for recordation as an encumbrance of the property and its title.
- **Special conditions of the encroachment**
10. That said permittee shall obtain excavation permit(s) prior to construction and separate excavation permit(s) prior to the removal of the monitoring well.
 11. That said permittee shall provide to the City of Oakland an AS BUILT plan showing the actual location of the monitoring well. And the results of all data collected from the monitoring well.
 12. That said permittee shall remove the monitoring well and repair any damage to the street area in accordance with City standards two (2) years after construction or as soon as monitoring is complete.
 13. That said permittee shall notify the Community & Economic Development Agency, Building Services Division after the monitoring well is removed and the street area restored to initiate the procedure to rescind the minor encroachment permit.
 14. That the monitoring well cover installed within the sidewalk area shall have a skid-proof surface.
 15. That the monitoring well casting and cover shall be iron and shall meet H-20 load rating. The cover

shall be secured with a minimum of two stainless steel bolts. Bolts and cover shall be mounted flush with the surrounding surface. For sidewalk installations, a pre-cast concrete utility box and non-skid cover may be needed in conjunction with the bolted cast iron cover with City approval.

16. That said permittee acknowledges that the City makes no representations or warranties as to the conditions beneath said encroachment. By accepting this revocable permit, permittee agrees that it will use the encroachment area at its own risk, is responsible for the proper coordination of its activities with all other permittee, underground utilities, contractors, or workmen operating, within the encroachment area and for the safety of itself and any of its personnel in connection with its entry under this revocable permit.
17. That said permittee acknowledges that the City is unaware of the existence of any hazardous substances beneath the encroachment area, and permittee hereby waives and fully releases and forever discharges the City and its officers, directors, employees, agents, servants, representatives, assigns and successors from any and all claims, demands, liabilities, damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs), whether direct or indirect, known or unknown, foreseen or unforeseen, that may arise out of or in any way connected with the physical condition or required remediation of the excavation area of any law or regulation applicable thereto, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. Sections 9601 et seq.), the Resource Conservation and Recovery Act of 1976 (42 U.S.C. Section 466 et seq.), the Safe Drinking Water Act (14 U.S.C. Sections 1401, 1450), the Hazardous Waste Control Law (California Health and Safety Code Sections 25100 et seq.), the Porter-Cologne Water Quality Control Act (California Health and Safety Code Section 13000 et seq.), the Hazardous Substance Account Act (California Health and Safety Code Sections 253000 et seq.), and the Safe Drinking Water and Toxic Enforcement Act (California Health and Safety Code Section 25249.5 et seq.).
18. That said permittee further acknowledges that it understands and agrees that it hereby expressly waives all rights and benefits which it now has or in the future may have, under and by virtue of the terms of California Civil Code Section 1542, which reads as follows: "A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THE RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY AFFECTED HIS SETTLEMENT WITH THE DEBTOR."
19. That said permittee recognizes that by waiving the provisions of this section, permittee will not be able to make any claims for damages that may exist, and to which, if known, would materially affect its decision to agree to these encroachment terms and conditions, regardless of whether permittee's lack of knowledge is the result of ignorance, oversight, error, negligence, or any other cause.
20. (a) That said permittee, by the acceptance of this revocable permit, agrees and promises to indemnify, defend, and hold harmless the City of Oakland, its officers, agents, and employees, to the maximum extent permitted by law, from any and all claims, demands, liabilities damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs; collectively referred to as "claims", whether direct or indirect, known or unknown, foreseen or unforeseen, to the extent that such claims were either (1) caused by the permittee, its agents, employees, contractors or representatives, or, (2) in the case of environmental contamination, the claim is a result of environmental contamination that emanates or emanated from 2744 E 11th Street, Oakland, California site, or was otherwise caused by the permittee, its agents, employees, contractors or representatives.

(b) That, if any contamination is discovered below or in the immediate vicinity of the encroachment, and the contaminants found are of the type used, housed, stored, processed or sold on or from 2744 E 11th Street, Oakland, California site, such shall amount to a rebuttable presumption that the contamination below, or in the immediate vicinity of, the encroachment was caused by the permittee, its agents, employees, contractors or representatives.

(c) That said permittee shall comply with all applicable federal, state, county and local laws, rules, and regulations governing the installation, maintenance, operation and abatement of the encroachment.

21. That said Minor Encroachment Permit and Agreement shall take effect when all the conditions hereinabove set forth shall have been complied with to the satisfaction of the City Engineer, and shall become null and void upon the failure of the permittee to comply with all conditions.
22. That said Indenture Agreement alone does not allow work to be done which requires inspection. Permittee to obtain any and all required permits before beginning work.
23. The City, at its sole discretion and at future date not yet determined, may impose additional and continuing fees as prescribed in the Master Fee Schedule for use and occupancy of the public right-of-way.

EXHIBIT B.1

Description Of the Private Property Abutting The Encroachment

address 2744 E 11th Street

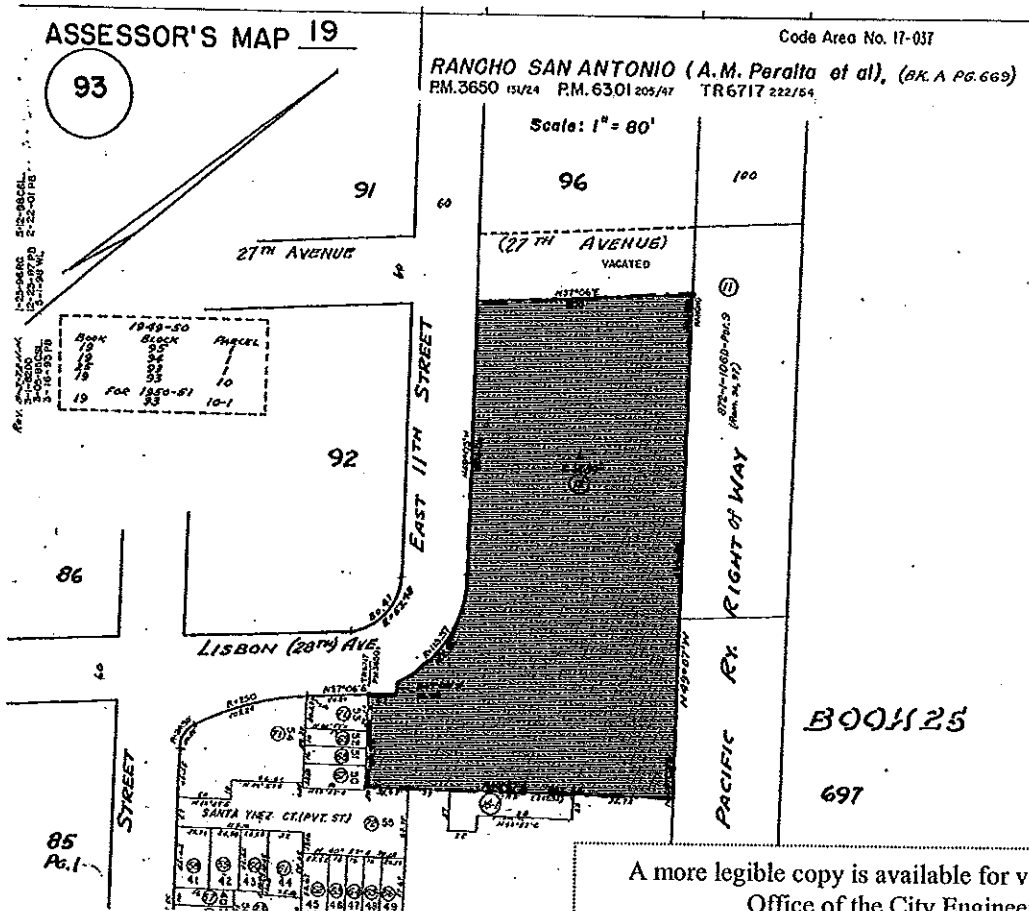
parcel no. 019-0093-013-00

deed no. 1987-345553

recorded December 29, 1987

Parcel A, Parcel Map 3650, filed November 4, 1981, Book 131, of Parcel Maps, pages 24 and 25, Alameda County Records, Series No. 81-187328, reserving and excepting therefrom, one hundred per cent (100%) of all oil, gas, mineral, geothermal and similar rights lying below a depth of five hundred feet (500') measured vertically from the surface of said land, but without the right of entry through the surface of said land or the upper five hundred feet (500') thereof, as reserved by Del Monte Corporation, in Deed recorded January 15, 1979, Series No. 79-008379, Alameda County Records

Assessor's Parcel No. 019-0093-013



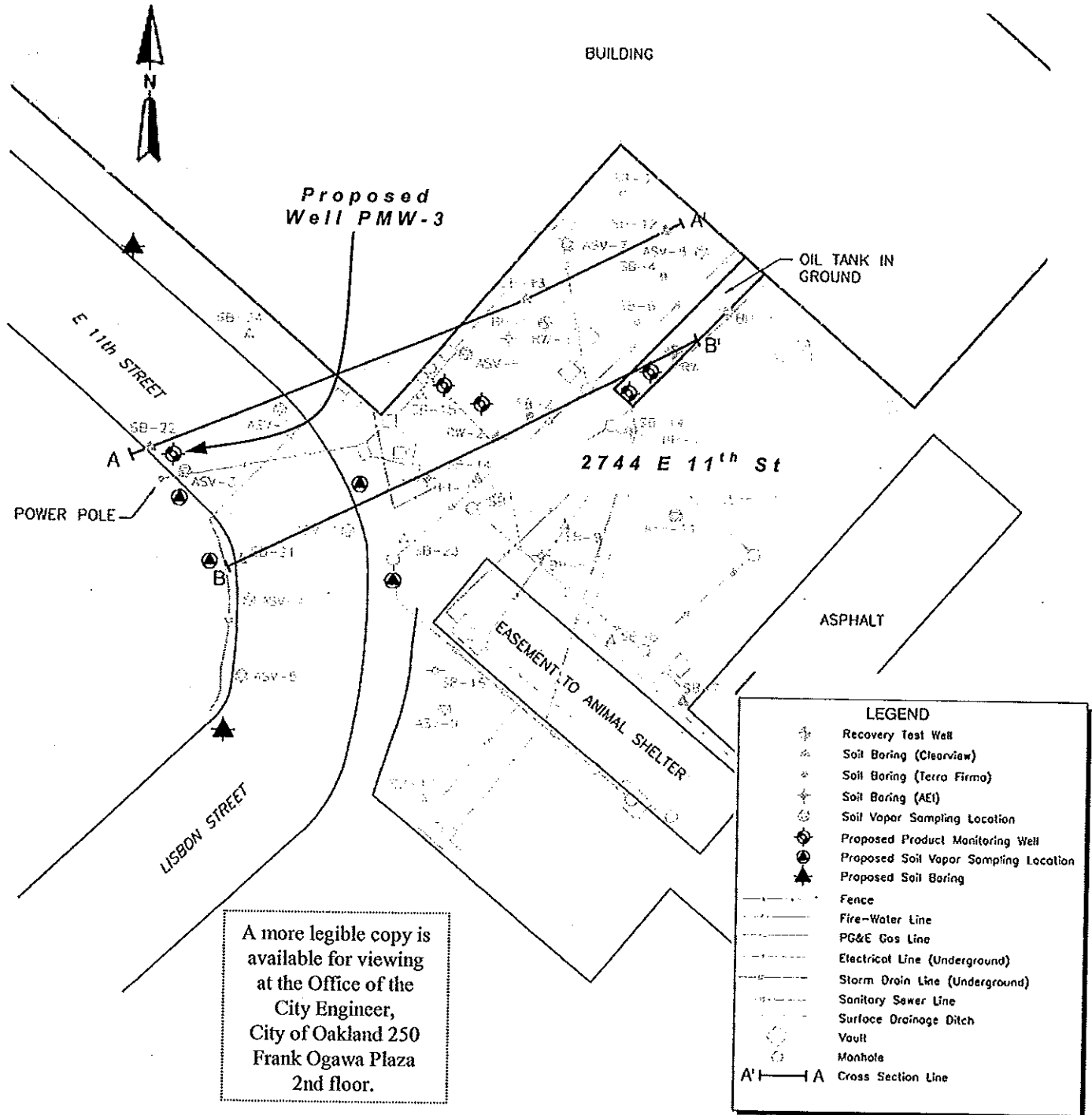
A more legible copy is available for viewing at the Office of the City Engineer, City of Oakland 250 Frank Ogawa Plaza 2nd floor.

EXHIBIT C.1

Limits Of The Encroachment In The Public Right-Of-Way

address 2744 E 11th Street

parcel no. 019 -0093-013-00



A more legible copy is available for viewing at the Office of the City Engineer, City of Oakland 250 Frank Ogawa Plaza 2nd floor.



Permit No: X1401721

Parcel No: 019 009301300

Job Site: 2744 E 11TH ST

Page 2 of 2

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

CONSTRUCTION LENDING AGENCY DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 8172, Civil Code).

Lender's Name _____

Branch Designation _____

Lender's Address _____

WORKERS' COMPENSATION DECLARATION

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

HAZARDOUS MATERIALS DECLARATION

I hereby affirm that the intended occupancy WILL WILL NOT use, handle or store any hazardous, or acutely hazardous, materials. (Checking "WILL" acknowledges that Sections 25505, 25533, and 25534 of the Health and Safety Code, as well as filing instructions were made available to you).

I HEREBY CERTIFY THE FOLLOWING: That I have read this document; that the above information is correct; and that I have truthfully affirmed all applicable declarations contained in this document. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

I hereby agree to save, defend, indemnify and keep harmless the City of Oakland and its officials, officers, employees, representatives, agents, and volunteers from all actions, claims, demands, litigation, or proceedings, including those for attorneys' fees, against the City in consequence of the granting of this permit or from the use or occupancy of the public right-of-way, public easement, or any sidewalk, street or sub-sidewalk or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted I further certify that I am the owner of the property involved in this permit or that I am fully authorized by the owner to access the property and perform the work authorized by this permit.

Name _____

Signature _____

Contractor, or Contractor's Agent

Date

NOTICE: No activities related to the approved work, including storage/use of materials, is allowed within the public right-of-way without an encroachment permit. Dust control measures shall be used throughout all phases of construction.

Attachment B
Department of Water Resources
Well Completion Reports

File Original with DWR

State of California
Well Completion Report
 Refer to Instruction Pamphlet
 No. e0223054

Page 1 of 1
 Owner's Well Number PMW-1A
 Date Work Began 07/14/2014 Date Work Ended 7/14/2014
 Local Permit Agency Alameda County Public Works Agency
 Permit Number W2014-0612 Permit Date 6/25/14

DWR Use Only - Do Not Fill In

State Well Number/Site Number	
Latitude	Longitude
APN/TRS/Other	

Geologic Log

Orientation Vertical Horizontal Angle Specify _____
 Drilling Method _____ Drilling Fluid _____

Depth from Surface	Description
Feet to Feet	Describe material, grain size, color, etc
	Well destruction activities completed using pressure grouting techniques

Total Depth of Boring _____ Feet
 Total Depth of Completed Well _____ Feet

Well Owner

Name Lucasey Manufacturing
 Mailing Address 2744 East 11th Street
 City Oakland State CA Zip 94601

Well Location

Address 2744 East 11th Street
 City Oakland County Alameda
 Latitude _____ N Longitude _____ W
Dec. Min. Sec.
 Datum _____ Dec. Lat. _____ Dec. Long. _____
 APN Book _____ Page _____ Parcel _____
 Township _____ Range _____ Section _____

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North

West East

See Attached Figure

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

New Well
 Modification/Repair
 Deepen
 Other
 Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

Water Supply
 Domestic Public
 Irrigation Industrial
 Cathodic Protection
 Dewatering
 Heat Exchange
 Injection
 Monitoring
 Remediation
 Sparging
 Test Well
 Vapor Extraction
 Other _____

Water Level and Yield of Completed Well

Depth to first water _____ (Feet below surface)
 Depth to Static _____
 Water Level _____ (Feet) Date Measured _____
 Estimated Yield * _____ (GPM) Test Type _____
 Test Length _____ (Hours) Total Drawdown _____ (Feet)
 *May not be representative of a well's long term yield.

Casings								Annular Material		
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size If Any	Depth from Surface	Fill	Description
Feet to Feet	(Inches)			(Inches)	(Inches)		(Inches)	Feet to Feet		

Attachments

Geologic Log
 Well Construction Diagram
 Geophysical Log(s)
 Soil/Water Chemical Analyses
 Other _____

Attach additional information, if it exists.

Certification Statement

I, the undersigned certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [Signature] City 7/23/14 State CA Zip 945165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

Page 1 of 1

Owner's Well Number PMW-2B

Date Work Began 07/14/2014

Date Work Ended 7/14/2014

Local Permit Agency Alameda County Public Works Agency

Permit Number W2014-0615 Permit Date 6/25/14

State of California
Well Completion Report
 Refer to Instruction Pamphlet
 No. e0223057

DWR Use Only - Do Not Fill In			
State Well Number/Site Number			
Latitude		Longitude	
APN/TRS/Other			

Geologic Log	
Orientation <input type="radio"/> Vertical <input type="radio"/> Horizontal <input type="radio"/> Angle Specify _____	
Drilling Method _____	Drilling Fluid _____
Depth from Surface Feet to Feet	Description Describe material, grain size, color, etc.
	Well destruction activities completed using pressure grouting techniques
Total Depth of Boring _____ Feet	
Total Depth of Completed Well _____ Feet	

Well Owner		
Name <u>Lucasey Manufacturing</u>		
Mailing Address <u>2744 East 11th Street</u>		
City <u>Oakland</u>	State <u>CA</u>	Zip <u>94601</u>

Well Location		
Address <u>2744 East 11th Street</u>		
City <u>Oakland</u>	County <u>Alameda</u>	
Latitude _____ N	Longitude _____ W	
Datum _____	Dec. Lat. _____	Dec. Long. _____
APN Book _____	Page _____	Parcel _____
Township _____	Range _____	Section _____

Location Sketch	
(Sketch must be drawn by hand after form is printed.)	
North	
<p><i>See Attached Figure</i></p>	
West	East
South	
Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.	

Activity	
<input type="radio"/> New Well	Describe procedures and materials under "GEOLOGIC LOG"
<input type="radio"/> Modification/Repair	
<input type="radio"/> Deepen	
<input type="radio"/> Other _____	
<input checked="" type="radio"/> Destroy	
Planned Uses	
<input type="radio"/> Water Supply	<input type="checkbox"/> Domestic <input type="checkbox"/> Public
<input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial	
<input type="radio"/> Cathodic Protection	
<input type="radio"/> Dewatering	
<input type="radio"/> Heat Exchange	
<input type="radio"/> Injection	
<input type="radio"/> Monitoring	
<input type="radio"/> Remediation	
<input type="radio"/> Sparging	
<input type="radio"/> Test Well	
<input type="radio"/> Vapor Extraction	
<input type="radio"/> Other _____	

Water Level and Yield of Completed Well		
Depth to first water _____	(Feet below surface)	
Depth to Static _____		
Water Level _____	(Feet)	Date Measured _____
Estimated Yield * _____	(GPM)	Test Type _____
Test Length _____	(Hours)	Total Drawdown _____ (Feet)
*May not be representative of a well's long term yield.		

Casings							Annular Material			
Depth from Surface Feet to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)	Depth from Surface Feet to Feet	Fill	Description

Attachments	
<input type="checkbox"/> Geologic Log	
<input checked="" type="checkbox"/> Well Construction Diagram	
<input type="checkbox"/> Geophysical Log(s)	
<input type="checkbox"/> Soil/Water Chemical Analyses	
<input type="checkbox"/> Other _____	
Attach additional information, if it exists.	

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief			
Name	<u>Gregg Drilling and Testing</u>		
	Person, Firm or Corporation		
<u>950 Howe Road</u>	<u>Martinez</u>	<u>CA</u>	<u>94553</u>
Address	City	State	Zip
Signed <u>[Signature]</u>	Date Signed <u>7/23/14</u>	485165	
C-57 Licensed Water Well Contractor	C-57 License Number		

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California
Well Completion Report

Refer to Instruction Pamphlet
No. e0223060

DWR Use Only - Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Page 1 of 1

Owner's Well Number RW-2

Date Work Began 07/14/2014 Date Work Ended 7/14/2014

Local Permit Agency Alameda County Public Works Agency

Permit Number W2014-0617 Permit Date 6/25/14

Geologic Log

Orientation Vertical Horizontal Angle Specify _____

Drilling Method _____ Drilling Fluid _____

Depth from Surface	Description
Feet to Feet	Describe material, grain size, color, etc
	Well destruction activities completed using pressure grouting techniques

Total Depth of Boring _____ Feet

Total Depth of Completed Well _____ Feet

Well Owner

Name Lucasey Manufacturing

Mailing Address 2744 East 11th Street

City Oakland State CA Zip 94601

Well Location

Address 2744 East 11th Street

City Oakland County Alameda

Latitude Dec. Min. Sec. N Longitude Dec. Min. Sec. W

Datum _____ Dec. Lat. _____ Dec. Long. _____

APN Book _____ Page _____ Parcel _____

Township _____ Range _____ Section _____

Location Sketch
(Sketch must be drawn by hand after form is printed.)

North

West East

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

New Well
 Modification/Repair
 Deepen
 Other _____

Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

Water Supply
 Domestic Public
 Irrigation Industrial

Cathodic Protection
 Dewatering
 Heat Exchange
 Injection
 Monitoring
 Remediation
 Sparging
 Test Well
 Vapor Extraction
 Other _____

Water Level and Yield of Completed Well

Depth to first water _____ (Feet below surface)

Depth to Static _____

Water Level _____ (Feet) Date Measured _____

Estimated Yield * _____ (GPM) Test Type _____

Test Length _____ (Hours) Total Drawdown _____ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size if Any
Feet to Feet	(Inches)			(Inches)	(Inches)		(Inches)

Annular Material

Depth from Surface	Fill	Description
Feet to Feet		

Attachments

Geologic Log
 Well Construction Diagram
 Geophysical Log(s)
 Soil/Water Chemical Analyses
 Other _____

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing

Person, firm or Corporation

950 Howe Road Martinez CA 94553

Address City State Zip

Signed *RS* Date Signed 7/23/14 C-57 License Number 485165

C-57 Licensed Water Well Contractor

DWR 188 REV. 1/2006

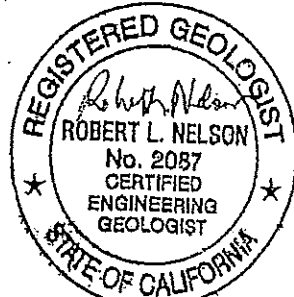
IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

SOIL BORING AND WELL CONSTRUCTION LOG:
CLEARWATER GROUP

Project No. FB022

Sheet 1 of 1

FIELD LOCATION OF BORING:		CLIENT/LOCATION:	JOB NO#:	PROJ. MANAGER:	BORING/WELL NO:					
		Lucasey Manufacturing	FB022G	Erik Lervaaq	RW-1					
		DRILLING CONTRACTOR:	DRILL RIG TYPE:	WELL DEPTH:	WELL BORHOLE DIAMETER:					
		RSI	CME75	NA	10"					
		DRILL RIG OPERATOR:	WELL MATERIAL:	BORING DEPTH:	FILTER PACK:					
		Jorge Morales	NA	25.0'	#2/12 SAND					
					DRILLING DATE: 3/12/2008					
WELL CONSTRUCTION		BLOWS/6-INCHES	INCHES RECOVERED	SAMPLE CONDITION	PRODUCT	ODOR	PTD	DEPTH (FEET)	GRAPHIC LOG	SAMPLING METHOD: 2" Cal Modified
										MONITORING INSTRUMENT: Photolozization Detector
										FIRST ENCOUNTERED WATER DEPTH: 17.0'
										STATIC WATER DEPTH - 10.0'
FINISH:	WELL BOX							1	10" Concrete	
	LEAN GROUT	4	16	G				2	Clayey gravel with sand (GC), (fill) brown (10YR 4/3) to yellow brown (10YR 5/6), 60% fine to coarse subangular gravels, 20% fine to medium sand, 20% clay, moist, mottled.	
	BENTONITE PELLETS							3	Poorly graded sand (SP) - (fill), light olive brown (2.5Y 5/4), loose, moist, 100% medium fine sand.	
	4" DIA BLANK WELL CASING	5	16	G				4	Clayey gravel with sand (GC), brown (10YR 4/3) to yellow brown (10YR 5/6), 60% fine to coarse subangular gravels, 20% fine to medium sand, 20% clay, moist, mottled.	
		6						5		
		7						6		
	4 1/2" SAND							7		
								8	Dry F-10'.	
								9		
	4" DIA PVC 0.020" SLOTS	8	18	G		FAINT	0	10		
		7						11		
		6				FAINT	0	12	Clayey gravel with sand (GC), very dark greenish gray (5GY 3/1), 40% fine subangular gravel, 30% fine to medium sand, 30% lean clay, free product visible, moist.	
								13		
								14		
								15	Sandy lean clay (CL), dark yellowish brown (10YR 3/4), soft to medium stiff, wet, trace of free product, oil along fissures in clay, 70% lean clay, 30% fine sand, iron oxide stain.	
		2	12	F-G		MEDIUM	OVER-PLANCE	16		
		2						17		
		3						18		
								19	Clayey gravel with sand (GC), very dark greenish gray (5GY 3/1), loose to medium dense, wet, free product coating gravel, 60% fine to coarse subangular to subrounded gravel, 25% fine to medium sand, 15% lean clay.	
								20		
		9	34	G		STRONG	OVER-PLANCE	21		
		18						22		
		16						23		
								24		
								25	Total depth 25.0'	
	10" DIA BOREHOLE							26		
								27	Driller stops at 27' when strong free product encountered; wet shop vacuum to suck up oil into drum.	
								28		
								29		
								30		



SOIL BORING AND WELL CONSTRUCTION LOG:
CLEARWATER GROUP

Project No. FB022

Sheet 1 of 1

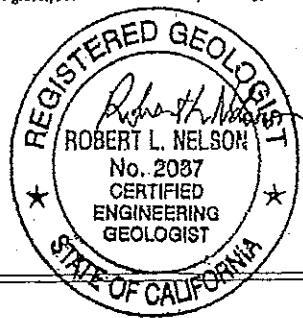
FIELD LOCATION OF BORING:		CLIENT/LOCATION:	JOB NO#:	PROJ. MANAGER:	BORING/WELL NO.:						
		Lucassey Manufacturing	FB022G	Erik Lervaag	SB-14/RW-2						
		DRILLING CONTRACTOR: Fast-Tek RSI	DRILL RIG TYPE: GeoProbe 5400 CME75	WELL DEPTH: 25.0 R	WELL BOREHOLE DIAMETER: 10"						
		DRILL RIG OPERATOR: Eric Austin - Fast-Tek Jorge Morales - RSI	WELL MATERIAL: Sch 40 PVC	BORING DEPTH: 24.0'	FILTER PACK: #2/12 Sand						
Soil boring drilled on 11-12-2007 by Fast-Tek Well installed on 3-13-2008 by RSI Drilling											
WELL CONSTRUCTION		INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	Product	ODOR	PID	SAMPLE DEPTH (FEET)	DEPTH (FEET)	GRAPHIC LOG	SAMPLING METHOD: Continuous Core
											MONITORING INSTRUMENT: Photobionization Detector
											FIRST ENCOUNTERED WATER DEPTH: 17.0'
											STATIC WATER DEPTH: 10.0'
WELL BOX		48	20	P					1	7" Concrete	
LEAN GROUT						NO			2	Sandy silt (ML), dark gray (10YR 4/1), soft, moist, trace of fine sand.	
BENTONITE PELLETS		48	30	F					3		
4" DIA BLANK WELL CASING						NO	0		4		
#2/12 SAND		48	20	P					5	Sandy lean clay (CL), mottled brown (10YR 4/3), stiff, moist, 30% fine sand, 70% clay, iron oxide stained.	
4" DIA PVC 0.020" SLOTS									6		
									7		
		48	20	P					8	Color change to dark brown (10YR 3/3).	
									9		
									10		
									11	Color change to very dark greenish gray (10Y 3/1) free product in rootlets.	
		48	40	C					12		
									13	Sandy lean clay to fat clay (CL-CH), dark yellowish brown (10YR 4/4), 30% very fine to fine sand, very stiff, moist, iron oxide stained,	
									14		
						NO			15		
									16	16.0' color change to very dark greenish gray (10Y 3/1).	
									17	Water encountered 17.0', water rose to 10.0' in borehole.	
									18	Clayey sand with gravel (SC), very dark greenish gray (10Y 3/1), loose, wet, 65% medium sand, 15% fine gravel, 20% clay, strong odor, visible free product.	
									19		
									20	17.5' Sandy fat clay (CH), mottled and streaked very dark greenish gray (10Y 3/1) and dark yellowish brown (10YR 4/4), soft, wet, 30% very fine sand, trace of free product along fissures and rootlets.	
		48	24				0		21		
									22		
									23		
									24	Clayey gravel with sand (GC), mottled greenish gray (10Y 3/1) and dark yellowish brown (10YR 4/4), loose, wet, 40% fine gravel, 30% fine to coarse sand, 30% clay, no odor.	
						NO	0		25	Total depth, 24.0'	
									26		
									27		
									28		
									29		
									30		

FINISH

DRILLING START

LOGGED BY: Rob Nelson

APPROVED BY: Erik Lervaag



**SOIL BORING AND WELL CONSTRUCTION LOG:
CLEARWATER GROUP**

Project No. FB022

Sheet 1 of 2

FIELD LOCATION OF BORING:		CLIENT/LOCATION:		JOB NO.:	PROJ. MANAGER:	BORING/WELL NO.:					
Loading Dock		Lucasey Manufacturing		FB022G	Erik Lervaag	SB13/RW-3					
Building		DRILLING CONTRACTOR: Fast-Tek RSI		DRILL RIG TYPE: GeoProbe 5400 CME 75	WELL DEPTH: 25.0'	WELL BOREHOLE DIAMETER: 10"					
RW-3		DRILL RIG OPERATOR: Eric Austin - Fast-Tek Jorge Morales - RSI Drilling		WELL MATERIAL: Sch 40 PVC	BORING DEPTH: 32.0'	FILTER PACK: #2/12 Sand					
Soil boring installed on 11-8-2007 by Fast-Tek Well installed on 3-12-2008 by RSI Drilling											
WELL CONSTRUCTION		INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	PRODUCT	ODOR	PTD	SAMPLE DEPTH (FEET)	DEPTH (FEET)	GRAPHIC LOG	SAMPLING METHOD: Continuous Core
MONITORING INSTRUMENT: Photolionization Detector											
FIRST ENCOUNTERED WATER DEPTH: 24.0'											
STATIC WATER DEPTH - not determined											
WELL BOX		48	30	F					1	6" Concrete	
LEAN GROUT									2	Sandy silt (ML), black (10YR 2/1), soft, moist, 20% very fine sand, 10% clay, 70% silt.	
BENTONITE PELLETS									3		
4" DIA BLANK WELL CASING		48	36	F-G					4	Sandy lean clay (CL), very dark grayish brown (10YR 3/2), stiff, moist, 40% fine to medium sand, trace deeply weathered fine gravel, light iron oxide stained.	
#2/12 SAND									5		
4" DIA PVC 0.020" SLOTS									6		
									7		
									8		
									9		
									10	Sandy lean clay (CL), dark yellowish brown (10YR 3/4), soft, moist, 70% lean clay, 30% fine sand, mottled iron oxide and dark staining, trace of fine deeply weathered gravel.	
									11	11.0' trace of free product along fissures in clay.	
									12	Sandy lean clay (CL), dark olive gray (5Y 3/2), stiff, moist, 20% very fine sand, free product along fissures and rootborrows, strong odor.	
									13		
									14		
									15		
									16	15.0' Color change to dark brown (10YR 4/2).	
		48	30	G			STAND OVER RANGE		17		
									18		
									19		
									20		
		48	0						21	No recovery	
									22	20.0' - 24.0' No recovery	
									23		
									24		
		48					STAND OVER RANGE		25	Clayey gravel with sand (GC), dark olive gray (5Y 3/2), loose, wet, 50% fine gravel, 35% sand, 15% clay, oily sheen and free product, thin (2") interbeds of dark yellow brown, sandy clay.	
									26		
LEAN GROUT									27	Water at 24' - collect sample SB13-W2 (temporary screen set 25.0' - 28.0').	
									28		
									29		
		48	40	G					30	Sandy lean clay (CL), dark yellowish brown (10YR 4/4), soft, wet, 40% fine sand, 60% clay, becoming sandier with depth.	

FINISH: DRILLING START: 11:20 AM LOGGED BY: Rob Neisen APPROVED BY:



ERM
 1277 Treat Blvd., Suite 500
 Walnut Creek, CA 94597
 Phone: (925) 946-0455
 Fax: (925) 946-9968

LOG OF MONITORING WELL: PMW-1A

Project Number: 0097888.00
 Project Name: Lucasey Manufacturing
 Location: Oakland, California
 Contractor: Gregg Drilling
 Drilling Method: Hollow Stem Auger/Direct Push
 Sampling Method:
 Logged By: C. McDonough

Date Started: 3/2/2010
 Date Completed: 3/2/2010
 Total Depth: 17.5 feet
 Borehole Diameter: 8.0"
 Initial Water Level: 7.08 feet bgs
 Notes:

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations	WELL DIAGRAM
	0.5		GW		6-8" Concrete.	<p>Cement Grout (0-4') PVC, 2" dia. Bentonite, (4-5') 2/12 Sand 0.010" Screen (7-17'), 3" dia.</p>
	0.7				GRAVELLY SAND (GW): red brown, fine to coarse sand, angular gravel (0.5-1.5"), some silt, dense, moist	
	1.0		ML		CLAYEY SILT (ML): gray, trace coarse sand, moderate plasticity, soft, moist	
5	1.0		ML		SILT (ML): dark red brown, trace coarse sand, black nodules (0.1"), medium stiff, moist	
	0.9		CL		CLAY (CL): orange brown, some coarse sand, stiff, moist	
	0.9		GW		GRAVELLY SAND (GW): multi-colored (beige, red, black, and brown), fine to coarse sand, subangular gravel (0.5-0.75"), dense, moist.	
	0.8		SC		GRAVELLY SAND (GW): as above. CLAYEY SAND (SC): fine sand, trace rounded gravel (0.5"), soft, wet.	
10	0.8		GW		GRAVELLY SAND (GW): gray, subangular gravel (0.5-1.5"), fine to coarse sand, poorly sorted, brown staining on gravel, petroleum-like odor, moist.	
	13.7				No recovery (11-13').	
15	7.9		GW		GRAVELLY SAND (GW): brown and gray, fine to coarse sand, subangular gravel (0.5-1.5"), loose, brown staining, sheen, petroleum-like odor, wet.	
					No recovery (15-17.5').	
Total Depth - 17.5 feet bgs						
20						
25						

MW TO 30 FT WC - 07/28/10 13:35 - G:\CAD\GINT\BORING LOGS\LUCASEY MANUFACTURING-0097888.GPJ



ERM
 1277 Treat Blvd., Suite 500
 Walnut Creek, CA 94597
 Phone: (925) 946-0455
 Fax: (925) 946-9968

LOG OF MONITORING WELL: PMW-1B

Project Number: 0097888.00
 Project Name: Lucasey Manufacturing
 Location: Oakland, California
 Contractor: Gregg Drilling
 Drilling Method: Hollow Stem Auger/Direct Push
 Sampling Method:
 Logged By: C. McDonough

Date Started: 3/2/2010
 Date Completed: 3/2/2010
 Total Depth: 25.5 feet
 Borehole Diameter: 8.0"
 Initial Water Level: 6.71 feet bgs
 Notes:

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations	WELL DIAGRAM
					6-8" Concrete.	
	0.0		GW		GRAVELLY SAND (GW): red brown, subrounded gravel (0.5-0.75"), coarse to fine sand, pieces of concrete (~2.0"), loose, moist.	
	0.9		ML		CLAYEY SILT (ML): gray, trace coarse sand, moderated plasticity, soft, moist.	
5	1.0		ML		CLAYEY SILT (ML): as above, red brown.	
	1.0		SILT (ML)		SILT (ML): dark red brown, trace coarse angular sand, black nodules (0.1"), medium stiff, moist.	
	0.8		CL		CLAY (CL): orange brown, some coarse sand, stiff, moist.	
			GW		GRAVELLY SAND (GW): multi-colored (beige, red, and brown), fine to coarse sand, subangular gravel (0.5-0.75"), dense, moist.	
					No recovery (8-10').	
10			GW		GRAVELLY SAND (GW): gray green, fine to coarse sand, angular gravel (0.5-1.5"), dense, brown petroleum-like staining, petroleum-like odor, moist.	PVC, 2" dia.
					No recovery (11.5-15').	
15	7.0		GC		CLAYEY GRAVEL (GC): gray, angular gravel (0.7-1.0"), loose, sheen, petroleum-like odor, moist.	Bentonite, (13-15')
					No recovery (15.5-20').	2/12 Sand
20	7.1		GW		GRAVELLY SAND (GW): gray green, medium to fine sand, gravel (0.5-1.5"), dense, petroleum-like odor, moist.	0.010" Screen (17-25'), 3" dia.
	1.0		CL		CLAY (CL): light beige, trace coarse sand, black nodules (0.1"), stiff, moist.	
	1.0				No recovery (24-25').	
25					Total Depth - 25.5 feet bgs	

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ERM
 1277 Treat Blvd., Suite 500
 Walnut Creek, CA 94597
 Phone: (925) 946-0455
 Fax: (925) 946-9968

LOG OF MONITORING WELL: PMW-2A

Project Number: 0097888.00
 Project Name: Lucasey Manufacturing
 Location: Oakland, California
 Contractor: Gregg Drilling
 Drilling Method: Hollow Stem Auger
 Sampling Method:
 Logged By: C. McDonough

Date Started: 3/3/2010
 Date Completed: 3/3/2010
 Total Depth: 17.5 feet
 Borehole Diameter: 8.0"
 Initial Water Level: 14.5 feet bgs
 Notes:

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations	WELL DIAGRAM
					6-8" Concrete.	
0.0			GW		GRAVELLY SAND (GW): black, medium to fine sand, subangular gravel (0.5-1.5"), poorly sorted, loose, moist	Cement Grout (0-4')
0.7			ML		SILT (ML): black, trace coarse sand, soft, moist	PVC, 2" dia.
1.5			CL		SILT (ML): medium brown, trace rounded gravel (1.5"), some clay, medium soft, moist	Bentonite, (4-6')
			CL		GRAVELLY CLAY (CL): brown, orange, and black, angular gravel (0.5-0.8"), stiff, moist	2/12 Sand
			SC		CLAYEY SAND (SC): medium brown, fine sand, moderately dense, moist	
10			ML		SILT (ML): light brown, moderately stiff, moist	
			SM		SILTY SAND (SM): brown to orange, coarse sand, dense, moist	
			SM		SILTY SAND (SM): gray green, trace rounded gravel (0.5-1.5"), loose, shiny, some brown staining, strong petroleum-like odor, moist	0.010" Screen (7-17'), 2" dia.
15			SM		SILTY SAND (SM): as above, brown petroleum-like staining, wet.	
			GW		GRAVELLY SAND (GW): gray to green, fine to coarse sand, angular gravel (0.5-1.25"), some silt and clay, medium dense, brown petroleum-like staining, petroleum-like odor, moist	
Total Depth - 17.5 feet bgs						

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 Walnut Creek, CA 94597
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 Fax: (925) 946-9968

LOG OF MONITORING WELL: PMW-2B

Project Number: 0097888.00
 Project Name: Lucasey Manufacturing
 Location: Oakland, California
 Contractor: Gregg Drilling
 Drilling Method: Hollow Stem Auger/Direct Push
 Sampling Method:
 Logged By: C. McDonough

Date Started: 3/3/2010
 Date Completed: 3/3/2010
 Total Depth: 25 feet
 Borehole Diameter: 8.0"
 Initial Water Level: 14.5 feet bgs
 Notes:

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Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations	WELL DIAGRAM
0.0	GW				6-8" Concrete. GRAVELLY SAND (GW): brown, fine to coarse sand, angular to subrounded gravel (1-3"), loose, moist. SILT (ML): medium brown, soft, moist.	
1.0	ML				SILT (ML): dark brown, trace angular gravel (0.5-0.7"), medium stiff, moist,	Cement Grout (0-19')
1.0	CL				GRAVELLY CLAY (CL): brown, orange, and black, angular gravel (0.5-0.8"), stiff, moist.	
0.9	SC				CLAYEY SAND (SC): medium brown, fine sand, moderately dense, moist.	
0.9	ML				SILT (ML): light brown, moderately stiff, moist.	
3.0	SM				SILTY SAND (SM): brown to orange, coarse sand, dense, moist.	
4.2	SM				SILTY SAND (SM): gray green, trace rounded gravel (0.5-1.5"), loose, shiny, some brown staining, strong petroleum-like odor, moist.	PVC, 2" dia.
14	SM				SILTY SAND (SM): as above, brown petroleum-like staining, wet.	
17.9	GW				GRAVELLY SAND (GW): gray to green, fine to coarse sand, angular gravel (0.5-1.25"), some silt and clay, medium dense, brown petroleum-like staining, petroleum-like odor, moist.	
14.9	GW				GRAVELLY SAND (GW): light brown, fine to coarse sand, angular gravel (0.5-0.75"), medium dense, moist.	Bentonite, (19-21')
4.0	CL				CLAY (CL): light brown, cohesive, plastic, medium stiff, moist.	2/12 Sand
4.6	CL				CLAY (CL): as above, sheen, wet.	
4.6	SC				CLAYEY SAND (SC): light brown, fine sand, medium dense, moist.	0.010" Screen (21.5-25), 2" dia.
4.0	SC					
25					Total Depth - 25 feet bgs	

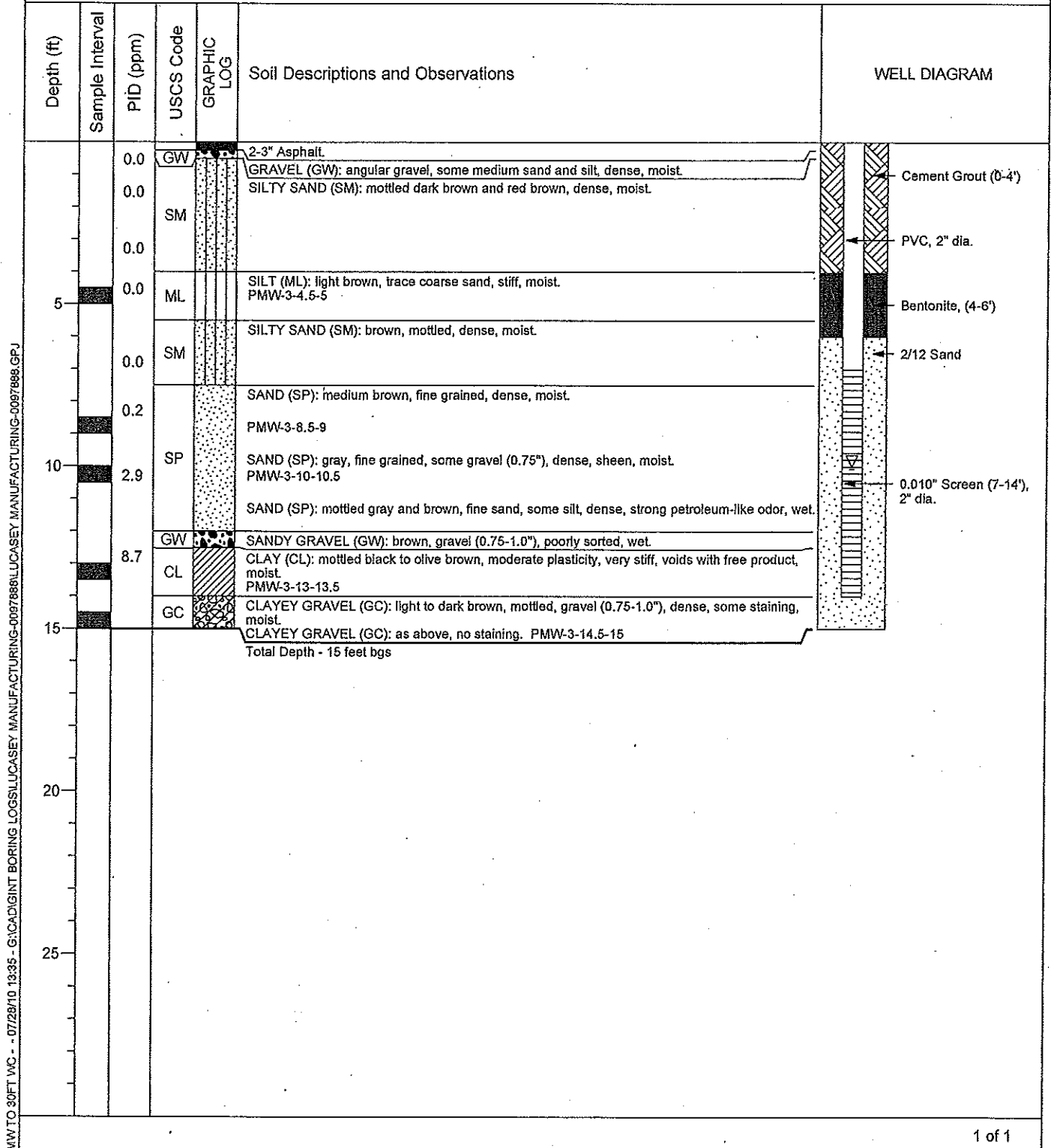


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 Fax: (925) 946-9968

LOG OF MONITORING WELL: PMW-3

Project Number: 0097888.00
 Project Name: Lucasey Manufacturing
 Location: Oakland, California
 Contractor: Gregg Drilling
 Drilling Method: Hollow Stem Auger
 Sampling Method:
 Logged By: C. McDonough

Date Started: 6/25/2010
 Date Completed: 6/25/2010
 Total Depth: 15 feet
 Borehole Diameter: 8.0"
 Initial Water Level: 10 feet bgs
 Notes:



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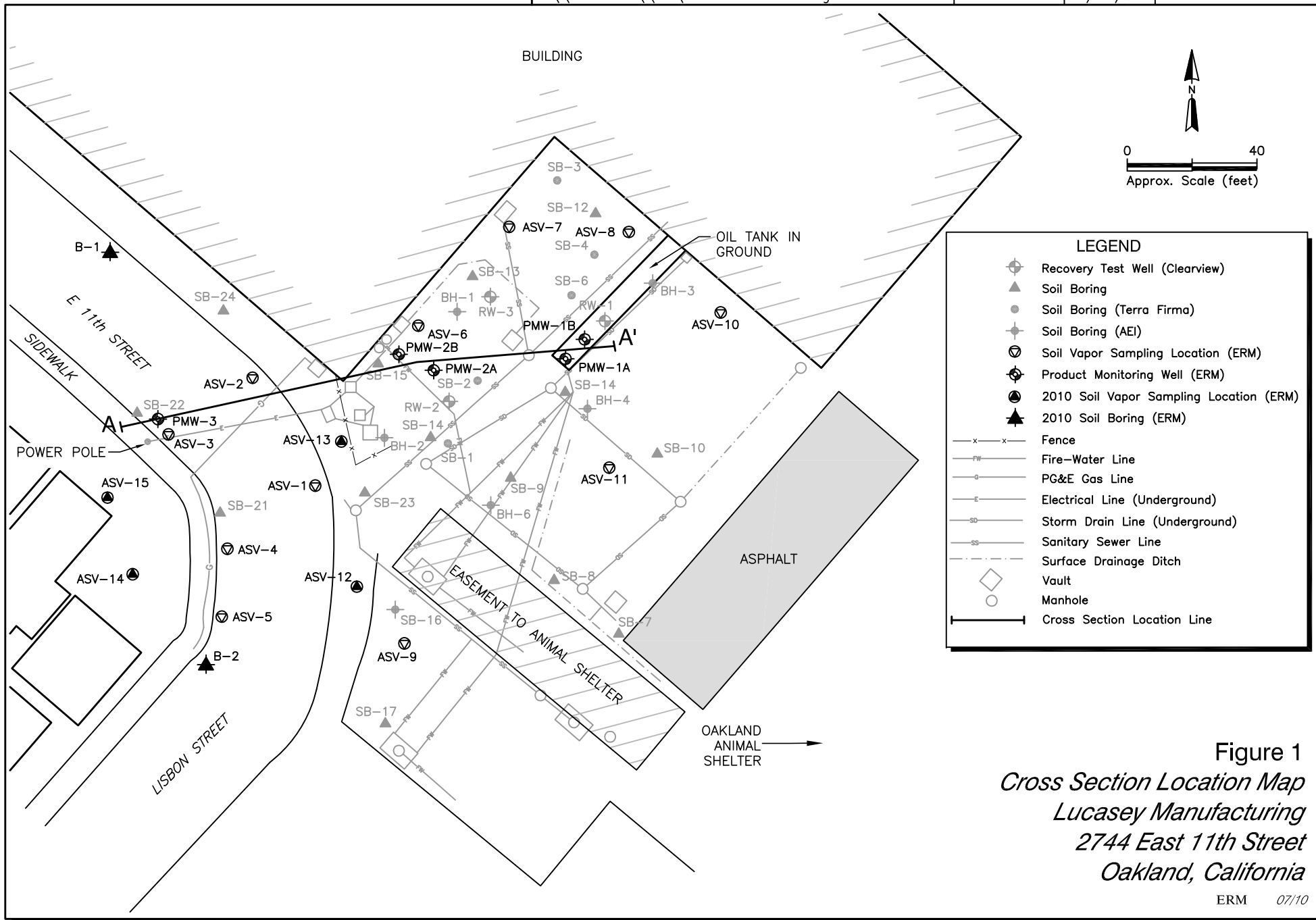


Figure 1
Cross Section Location Map
Lucasey Manufacturing
2744 East 11th Street
Oakland, California