

**RECEIVED**

By Alameda County Environmental Health at 2:36 pm, Apr 10, 2014



**TESORO**

Tesoro Companies, Inc.  
3450 South 344th Way, Suite 201  
Auburn, WA 98001  
253 896 8700

6 March 2014

Mr. Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Subject: Well Abandonment Report  
44 Lewelling Boulevard, San Lorenzo, California  
Tesoro No. 67107 (Former Beacon 3721); ACEH Case No. RO0498**

Dear Mr. Wickham:

Enclosed please find a copy of the well abandonment report for the subject site located at 44 Lewelling Boulevard in San Lorenzo, California. This report is submitted by Arctos Environmental on behalf of Tesoro Environmental Resources Company.

Based on my inquiry of the person or persons directly responsible for gathering the information contained in this report, I believe the information was prepared by qualified personnel who properly gathered and evaluated the information, and that the information submitted is, to the best of my knowledge and belief, true, correct, and complete. Please feel free to call me at 253/896-8700 or Michael Purchase of Arctos Environmental at 510/525-2180 with questions.

Sincerely,

Jeffrey M. Baker, P.E.  
Lead Engineer, Environmental  
Tesoro Companies, Inc.

Attachments

CC: Arctos – Michael Purchase

6 March 2014  
Project No. 01ZO

Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**Subject: Well Abandonment Report  
44 Lewelling Boulevard, San Lorenzo, California  
Former Tesoro Site No. 67107 (Former Beacon 3721);  
ACEH Case No. RO0498**

Dear Mr. Wickham:

Arctos Environmental (Arctos), on behalf of Tesoro Environmental Resources Company (Tesoro), has prepared this letter report summarizing well abandonment activities at the subject site (Figure 1). The field program was conducted in accordance with the Alameda County Public Works Agency requirements for well abandonment.

### **Site Background**

A site description and background are included in Request for Closure dated 29 March 2013 (Arctos, 2013).

### **Objective and Scope of Work**

The objective of the well abandonment program was to remove 12 groundwater monitoring wells, 7 injection wells, and 6 extraction wells (Figure 2). To meet this objective, Arctos performed the following scope of work:

- Obtained well destruction permits from Alameda County Public Works Agency for all wells (Attachment A)
- Marked the boring locations and notified Underground Service Alert (USA) to identify subsurface utilities

- Updated the site-specific health and safety plan and monitored health and safety during field activities
- Abandoned all 25 wells by pressure grouting with Portland cement at a minimum pressure of 25 pounds per square inch for at least 5 minutes
  - Removed well materials to a depth of 5 feet below ground surface and backfilled with Portland cement
  - Finished the surface of each boring to match the surrounding surface
- Submitted well completion reports to Alameda County Public Works Agency.

If you have questions or comments, please call Gita Datt or Mike Purchase at 510/525-2180.

Very truly yours,

**ARCTOS ENVIRONMENTAL**



Gita Datt  
Staff Scientist

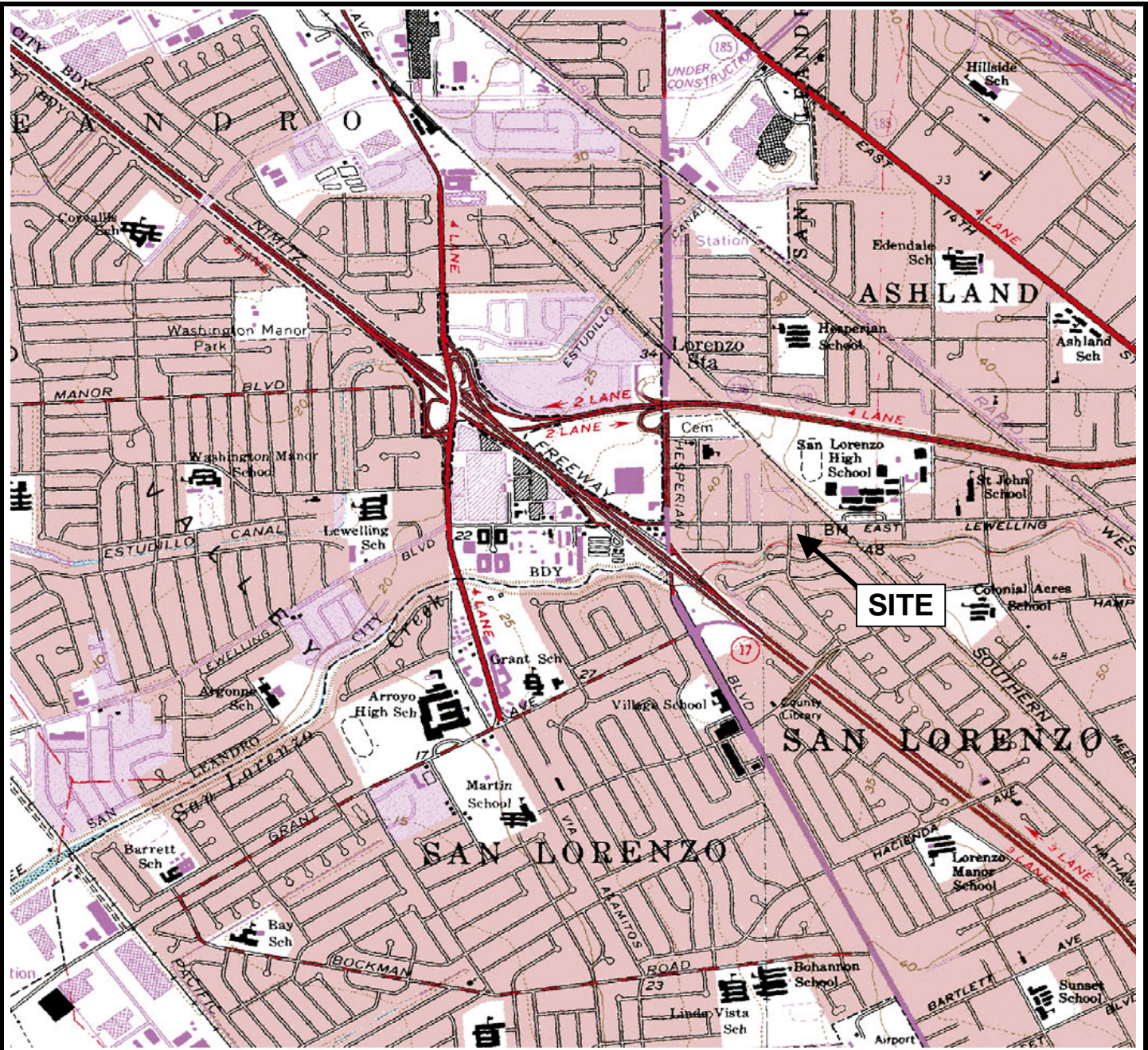


Michael P. Purchase, P.E.  
Vice President

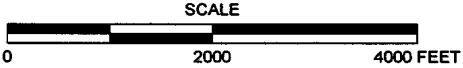
Attachments: Figure 1 – Site Location Map  
Figure 2 – Site Plan  
Attachment A – Alameda County Public Works Agency Well Destruction Permits

### Reference

Arctos Environmental, 2013. *Request for Closure, 44 Lewelling Boulevard, San Lorenzo, California, Tesoro Site No. 67107*; 29 March.



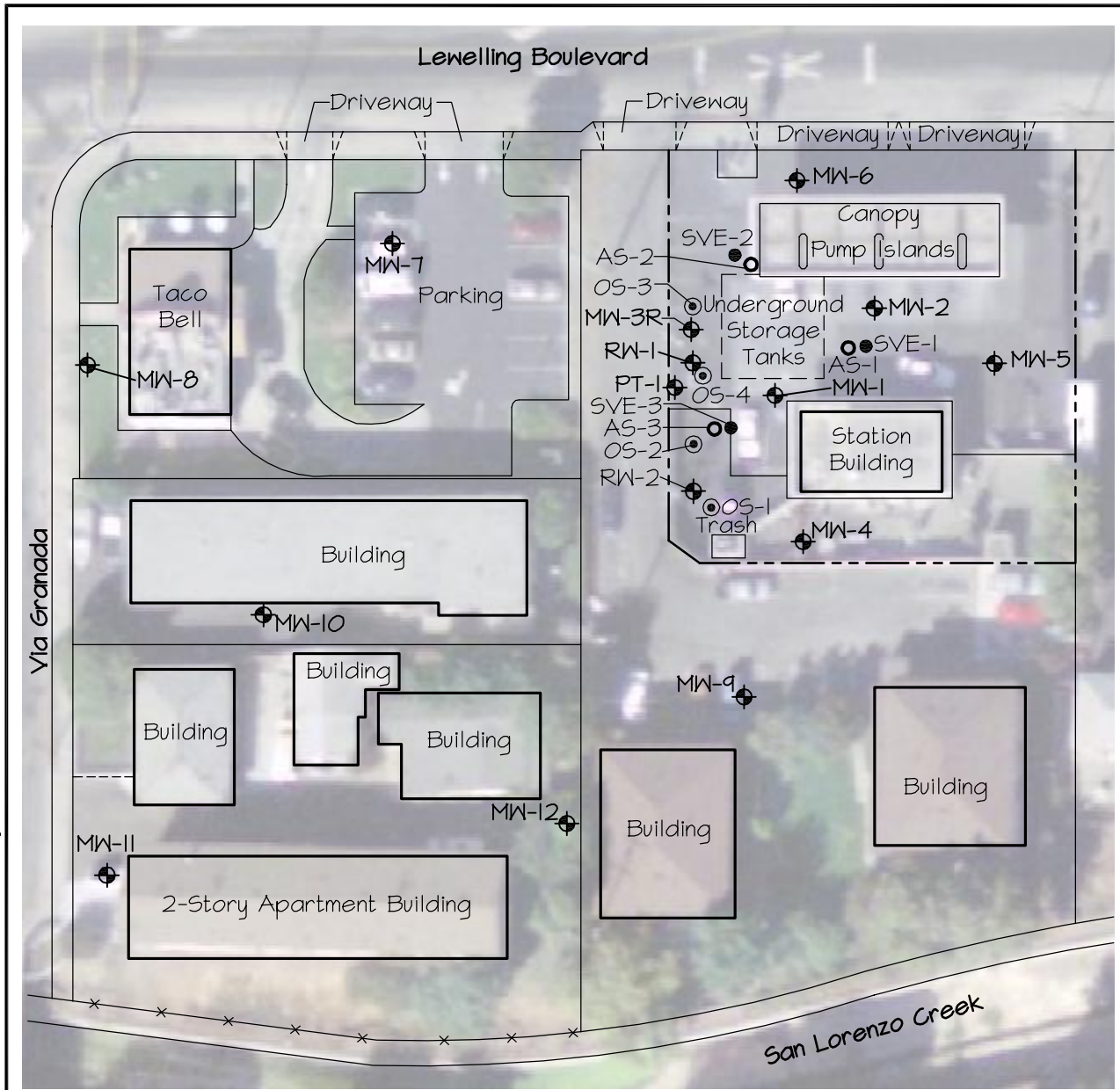
**SITE**



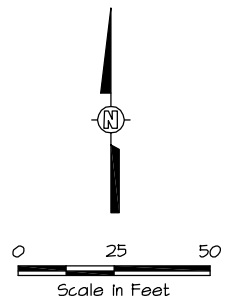
**REFERENCE**  
 7.5 MINUTE USGS TOPOGRAPHIC MAPS OF  
 SAN LEANDRO AND HAYWARD, CALIFORNIA QUADRANGLES  
 DATE: 1959, PHOTOREVISED 1980  
 SCALE = 1:24,000

ARCTOS ENVIRONMENTAL			
TESORO - SAN LORENZO, 67107			
<b>SITE LOCATION MAP</b>			
PROJECT NO. 01ZO	DRAWN BY MP	CHECKED BY MP	APPROVED BY JG
FILE NO. Site Map.xls	<b>FIGURE 1</b>		

01ZO10A0101.dwg 3/4/2014 2:50PM



- Legend**
- MW-1 Former Monitoring Well
  - OS-1 Former Oxygen Injection Well
  - AS-1 Former Air Sparging Well
  - SVE-1 Former Soil Vapor Extraction Well

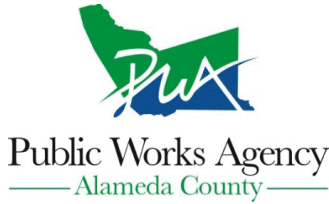


ARCTOS ENVIRONMENTAL			
TESORO - SAN LORENZO			
<b>SITE PLAN</b>			
PROJECT NO. 01ZO	DRAWN BY MY	CHECKED BY MP	APPROVED BY JPG
FILE NO. 01ZO10A0101.DWG		<b>FIGURE 2</b>	

REVISION	REVISIONS			
	NO.	BY	DATE	DESCRIPTION
1	0	MY	10/4/13	Well Abandonment Permits
	1	MY	3/3/14	Former Wells

**ATTACHMENT A**  
**ALAMEDA COUNTY PUBLIC WORKS AGENCY**  
**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: 02/06/2014 By jamesy**

**Permit Numbers: W2014-0109 to W2014-0110**  
**Permits Valid from 02/18/2014 to 02/21/2014**

**Application Id:** 1391036511809  
**Site Location:** 15810 Via Granada

**City of Project Site:** San Lorenzo

**Project Start Date:** 02/18/2014  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**Completion Date:** 02/21/2014

**Applicant:** Arctos Environmental - Michael Purchase  
2332 5th Street, Suite A, Berkeley, CA 94710

**Phone:** 562-285-5815

**Property Owner:** Kwai Yueng  
116 Tara Street, San Francisco, CA 94112

**Phone:** --

**Client:** Baker, Jeffrey Tesoro Environmental Resources  
Company  
3450 S. 344th Way, Suite 201, Auburn, WA 98001

**Phone:** 253-896-8708

<b>Receipt Number: WR2014-0038</b>	<b>Total Due:</b>	\$794.00
<b>Payer Name : Michael Purchase</b>	<b>Total Amount Paid:</b>	\$794.00
	Paid By: VISA	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 2 Wells

Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: press

**Work Total: \$794.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-0109	02/06/2014	05/19/2014	MW-11	8.00 in.	2.00 in.	12.00 ft	30.00 ft	3S/2W7G	91606	342669
W2014-0110	02/06/2014	05/19/2014	MW-12	8.00 in.	2.00 in.	9.00 ft	30.00 ft	3S/2W7G	91606	342669

**Specific Work Permit Conditions**

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

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

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

## Alameda County Public Works Agency - Water Resources Well Permit

4. Applicant shall submit the copies of the approved encroachment permit to this office within 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](mailto: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.

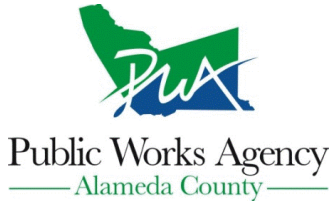
Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and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



# 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: 02/06/2014 By jamesy**

**Permit Numbers: W2014-0111**  
**Permits Valid from 02/18/2014 to 02/21/2014**

**Application Id:** 1391038977054  
**Site Location:** 60 Lewelling Boulevard  
(44 LEWELLING BLVD)

**City of Project Site:**San Lorenzo

**Project Start Date:** 02/18/2014  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**Completion Date:**02/21/2014

**Applicant:** Arctos Environmental - Michael Purchase  
2332 5th Street, Suite A, Berkeley, CA 94710

**Phone:** 562-285-5815

**Property Owner:** Chee Leung  
116 Tara Street, San Francisco, CA 94112

**Phone:** --

**Client:** Baker, Jeffrey Tesoro Environmental Resources  
Company  
3450 S. 344th Way, Suite 201, Auburn, WA 98001

**Phone:** 253-896-8708

<b>Receipt Number: WR2014-0039</b>	<b>Total Due:</b>	\$397.00
<b>Payer Name : Michael Purchase</b>	<b>Total Amount Paid:</b>	\$397.00
	Paid By: VISA	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 1 Wells  
Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: press

**Work Total: \$397.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-0111	02/06/2014	05/19/2014	MW-9	8.00 in.	2.00 in.	8.00 ft	28.00 ft	3S/2W7G	89509	303333

**Specific Work Permit Conditions**

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
  
2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
  
3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 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.

## Alameda County Public Works Agency - Water Resources Well Permit

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](mailto: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.

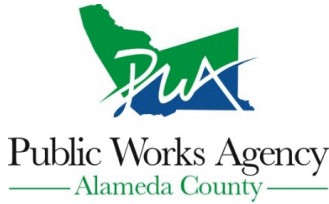
Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and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

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# 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: 02/06/2014 By jamesy**

**Permit Numbers: W2014-0112**  
**Permits Valid from 02/18/2014 to 02/21/2014**

**Application Id:** 1391039528172  
**Site Location:** 15600 Via Granada

**City of Project Site:**San Lorenzo

**Project Start Date:** 02/18/2014  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**Completion Date:**02/21/2014

**Applicant:** Arctos Environmental - Michael Purchase  
2332 5th Street, Suite A, Berkeley, CA 94710  
**Property Owner:** Duck S. and Oi Y. Wong, Trustees  
4065 Canyon Crest Road West, San Ramon, CA 94582  
**Client:** Baker, Jeffrey Tesoro Environmental Resources  
Company  
3450 S. 344th Way, Suite 201, Auburn, WA 98001

**Phone:** 562-285-5815

**Phone:** --

**Phone:** 253-896-8708

	<b>Total Due:</b>	\$397.00
<b>Receipt Number: WR2014-0040</b>	<b>Total Amount Paid:</b>	\$397.00
<b>Payer Name : Michael Purchase</b>	Paid By: VISA	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 1 Wells

Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: press

**Work Total: \$397.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-0112	02/06/2014	05/19/2014	MW-10	8.00 in.	2.00 in.	12.00 ft	30.00 ft	3S/2W7G	91606	342669

**Specific Work Permit Conditions**

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
  
2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
  
3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 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.

## Alameda County Public Works Agency - Water Resources Well Permit

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](mailto: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.

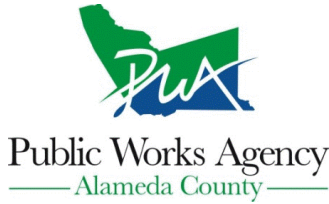
Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and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

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# 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: 02/06/2014 By jamesy**

**Permit Numbers: W2014-0113 to W2014-0114**  
**Permits Valid from 02/18/2014 to 02/21/2014**

**Application Id:** 1391040138937  
**Site Location:** 98 Lewelling Blvd

**City of Project Site:** San Lorenzo

(44 LEWELLING BLVD)

**Project Start Date:** 02/18/2014

**Completion Date:** 02/21/2014

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

**Applicant:** Arctos Environmental - Michael Purchase  
2332 5th Street, Suite A, Berkeley, CA 94710

**Phone:** 562-285-5815

**Property Owner:** Hando Kim  
1156 Portland Avenue, Albany, CA 94706

**Phone:** --

**Client:** Baker, Jeffrey Tesoro Environmental Resources  
Company  
3450 S. 344th Way, Suite 201, Auburn, WA 98001

**Phone:** 253-896-8708

	<b>Total Due:</b>	\$794.00
<b>Receipt Number: WR2014-0041</b>	<b>Total Amount Paid:</b>	\$794.00
<b>Payer Name : Michael Purchase</b>	Paid By: VISA	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Well Destruction-Monitoring - 2 Wells

Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: press

**Work Total: \$794.00**

**Specifications**

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-0113	02/06/2014	05/19/2014	MW-7	8.00 in.	2.00 in.	10.00 ft	27.00 ft	3S/2W7G	88556	Logs Only
W2014-0114	02/06/2014	05/19/2014	MW-8	8.00 in.	2.00 in.	10.00 ft	26.00 ft	3S/2W7G	89509	303332

**Specific Work Permit Conditions**

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

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

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

## Alameda County Public Works Agency - Water Resources Well Permit

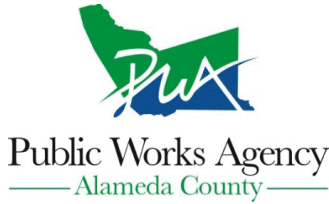
4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and 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](mailto: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 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.
-

# 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: 02/06/2014 By jamesy**

**Permit Numbers: W2014-0115 to W2014-0122**  
**Permits Valid from 02/18/2014 to 02/21/2014**

**Application Id:** 1391041174843  
**Site Location:** 44 Lewelling Blvd  
**Project Start Date:** 02/18/2014  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**City of Project Site:** San Lorenzo  
**Completion Date:** 02/21/2014

**Applicant:** Arctos Environmental - Michael Purchase  
2332 5th Street, Suite A, Berkeley, CA 94710  
**Phone:** 562-285-5815

**Property Owner:** Inc. Bedrock Oil,  
7180 Koll Center Pkwy, #100, Pleasanton, CA 94566  
**Phone:** --

**Client:** Baker, Jeffrey Tesoro Environmental Resources  
**Phone:** 253-896-8708

**Contact:** Company  
3450 S. 344th Way, Suite 201, Auburn, WA 98001  
Michael Purchase  
**Phone:** 562-285-5815  
**Cell:** 562-787-1949

<b>Receipt Number: WR2014-0042</b>	<b>Total Due:</b>	\$2912.00
<b>Payer Name : Michael Purchase</b>	<b>Total Amount Paid:</b>	\$2912.00
	Paid By: VISA	<b>PAID IN FULL</b>

## Works Requesting Permits:

Well Destruction-Monitoring - 6 Wells

Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: press

**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 #
W2014-0115	02/06/2014	05/19/2014	MW-1	8.00 in.	2.00 in.	8.00 ft	36.50 ft	3S/2W7G		
W2014-0116	02/06/2014	05/19/2014	MW-2	8.00 in.	2.00 in.	8.00 ft	37.00 ft	3S/2W7G		
W2014-0117	02/06/2014	05/19/2014	MW-4	8.00 in.	2.00 in.	10.00 ft	30.00 ft	3S/2W7G	88556	Logs Only
W2014-0118	02/06/2014	05/19/2014	MW-5	8.00 in.	2.00 in.	10.00 ft	30.00 ft	3S/2W7G	88556	Logs Only
W2014-0119	02/06/2014	05/19/2014	MW-6	8.00 in.	2.00 in.	10.00 ft	30.00 ft	3S/2W7G	88556	Logs Only
W2014-0120	02/06/2014	05/19/2014	PT-1	10.00 in.	4.00 in.	9.00 ft	32.00 ft	3S/2W7G	W2008-0438	No Records

### Specific Work Permit Conditions

1. 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.

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

# Alameda County Public Works Agency - Water Resources Well Permit

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. 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.
5. 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.
6. 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.

7. 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.

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## Remediation Well Destruction-Extraction - 3 Wells

Driller: Gregg Drilling & Testing, Inc. - 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 #
W2014-0121	02/06/2014	05/19/2014	MW-3R	12.00 in.	6.00 in.	9.00 ft	30.00 ft	3S/2W7G	NO Records	NO Records
W2014-0121	02/06/2014	05/19/2014	RW-1	12.00 in.	6.00 in.	13.00 ft	39.00 ft	3S/2W7G	NO Records	NO Records
W2014-0121	02/06/2014	05/19/2014	RW-2	12.00 in.	6.00 in.	8.00 ft	30.00 ft	3S/2W7G	NO Records	NO Records

### 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



## Alameda County Public Works Agency - Water Resources Well 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](mailto: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. 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.
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.

### Remediation Well Destruction-Injection - 7 Wells

Driller: Gregg Drilling & Testing, Inc. - 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 #
W2014-0122	02/06/2014	05/19/2014	AS-1	8.00 in.	1.00 in.	30.00 ft	35.00 ft	3S/2W7G		
W2014-0122	02/06/2014	05/19/2014	AS-2	8.00 in.	1.00 in.	30.00 ft	35.00 ft	3S/2W7G		
W2014-0122	02/06/2014	05/19/2014	AS-3	8.00 in.	1.00 in.	30.00 ft	35.00 ft	3S/2W7G		
W2014-0122	02/06/2014	05/19/2014	OS-1	10.00 in.	4.00 in.	17.00 ft	30.00 ft	3S/2W7G	W2008-0436	No Records
W2014-0122	02/06/2014	05/19/2014	OS-2	10.00 in.	4.00 in.	17.00 ft	30.00 ft	3S/2W7G	W2008-0437	No Records
W2014-0122	02/06/2014	05/19/2014	OS-3	10.00 in.	4.00 in.	16.00 ft	29.00 ft	3S/2W7G	W2008-0438	No Records
W2014-0122	02/06/2014	05/19/2014	OS-4	10.00 in.	4.00 in.	17.00 ft	30.00 ft	3S/2W7G	W2008-0439	No Records

#### Specific Work Permit Conditions

1. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well 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.
2. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
3. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to [stevem@acpwa.org](mailto: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.

## Alameda County Public Works Agency - Water Resources Well Permit

4. 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.

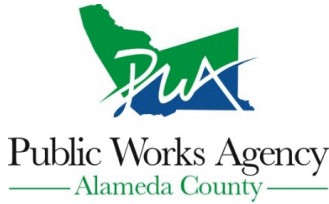
After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

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.

6. 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.

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# 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: 03/11/2014 By jamesy**

**Permit Numbers: W2014-0245**  
**Permits Valid from 03/17/2014 to 03/21/2014**

**Application Id:** 1393979998798  
**Site Location:** 44 Lewelling Boulevard  
**Project Start Date:** 03/17/2014  
**Assigned Inspector:** Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

**City of Project Site:** San Lorenzo

**Completion Date:** 03/21/2014

**Applicant:** Arctos Environmental - Gita Datt  
2332 5th Street Suite A, Berkeley, CA 94710  
**Property Owner:** Bedrock Oil Inc.  
7180 Koll Center Pkwy, #100, Pleasanton, CA 94566  
**Client:** Tesoro Environmental Resources Jeffrey Baker  
3450 S. 344th Way, Suite 201, Auburn, WA 98001  
**Contact:** Gita Datt

**Phone:** 562-277-7996

**Phone:** --

**Phone:** 253-896-8708

**Phone:** 510-525-2180  
**Cell:** 562-277-7996

	<b>Total Due:</b>	\$265.00
<b>Receipt Number: WR2014-0088</b>	<b>Total Amount Paid:</b>	\$265.00
<b>Payer Name : Michael Purchase</b>	Paid By: VISA	<b>PAID IN FULL</b>

**Works Requesting Permits:**

Remediation Well Destruction-Extraction - 3 Wells  
Driller: Gregg Drilling & Testing, Inc. - 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 #
W2014-0245	03/11/2014	06/15/2014	SVE-1	8.00 in.	0.75 in.	20.00 ft	25.00 ft	3S/2W7G	No Records	No Records
W2014-0245	03/11/2014	06/15/2014	SVE-2	8.00 in.	0.75 in.	20.00 ft	25.00 ft	3S/2W7G	No Records	No Records
W2014-0245	03/11/2014	06/15/2014	SVE-3	8.00 in.	0.75 in.	20.00 ft	25.00 ft	3S/2W7G	No Records	No Records

**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.

## **Alameda County Public Works Agency - Water Resources Well Permit**

5. Remove the Christy box or similar structure. Destroy well by overdrilling to total depth & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
  6. 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.
  7. 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.
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