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**Alameda County
Environmental Health**

ARCADIS U.S., Inc.
100 Montgomery Street, Suite 300
San Francisco, CA 94104
Tel 415.374.2744
Fax 415.374.2745
www.arcadis-us.com

Well Destruction Report

Former Atlantic Richfield Company Station No. 6002
6235 Seminary Avenue
Oakland, California 94605
ACEH Case No. RO0000163

ENVIRONMENTAL

"I declare that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct."

Date:
July 10, 2012

Submitted by:

Contact:
Hollis E. Phillips

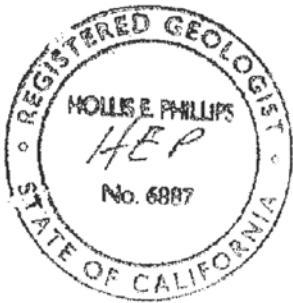
ARCADIS U.S., Inc

Phone:
415.432.6903

Email:
Hollis.phillips@arcadis-us.com

Hollis E. Phillips, P.G.
Principal Geologist/Project Manager

Our ref:
GP09BPNA.C108



Imagine the result



ARCADIS U.S., Inc.
100 Montgomery Street
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San Francisco
California 94104
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www.arcadis-us.com

Ms. Dilan Roe, P.E.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

ENVIRONMENTAL

Subject:

Well Destruction Report

Former Atlantic Richfield Company Station No. 6002
6235 Seminary Avenue
Oakland, California 94605
ACEH Case No. RO0000163

Date:
July 10, 2012

Dear Ms. Roe:

Contact:
Hollis E. Phillips

On behalf of BP West Coast Products, LLC (BP West), ARCADIS U.S., Inc. is pleased to submit this *Well Destruction Report* to the Alameda County Environmental Health (ACEH). This report documents the destruction of eleven (11) groundwater monitoring wells at the former Atlantic Richfield Company Station (ARCO) service station no. 06002 (Site) located at 6235 Seminary Avenue in Oakland California (Figure 1).

Phone:
415.432.6903

Email:
Hollis.Phillips@arcadis-us.com

Destruction of monitoring wells AS-1, MW-3 through MW-8, and VW-1 through VW-4 was approved by ACEH in their correspondence letter, dated February 2, 2012 which is included as Attachment A.

Our ref:
GP09BPNA.C108

Prior to conducting the field activities, ARCADIS obtained well destruction permits W2012-0233 through W2012-0243 from ACEH, and an encroachment permit 0412-6SV0540 from the California Department of Transportation (CalTrans). Copies of the permits are included as Attachment B. ARCADIS contracted Gregg Drilling and Testing, Inc. (Gregg) of Martinez, California to properly destroy the wells. Gregg is a California-licensed drilling contractor (C57 License No. 485165). All groundwater monitoring wells were destroyed May 8, 9, and 25, 2012.

Ms. Vicky Hamlin from ACEH provided inspection and oversight of the well destruction activities. All wells were destroyed in accordance with the ACEH guidelines and all variances in destruction methods were approved and inspected by Ms. Hamlin.

Imagine the result

All wells were scheduled to be pressure grouted. Due to their limited access, wells MW-7 and MW-8 required variances from pressure grouting and required to be grouted via tremie pipe. Prior to destruction, the well boxes were removed by Gregg. The well was backfilled with neat cement grout to approximately 1 inch below ground surface. The remainder of each borehole was completed with concrete and mixed with black dye to match the existing surface, where appropriate.

Table 1 below provides estimates of the amount of neat cement grout pumped into each monitoring well.

TABLE 1
Neat Cement Grout Estimates

Well ID	Total Depth (ft)	Casing Diameter (in)	Estimated Amount of Cement Grout (gal)
AS-1	22	2	6
MW-3	25	4	25
MW-4	24.5	4	25
MW-5	25	4	25
MW-6	32	2	8
MW-7	14	2	4.5
MW-8	14	2	6
VW-1	14	4	20
VW-2	14	4	13
VW-3	15	4	14
VW-4	15	4	14

All project-derived wastes were contained in one (1) Department of Transportation-approved 55-gallon steel drum. The drum was labeled and temporally stored on-site pending proper disposal. The drum was removed from the site on May 23, 2012 by

Integrated Wastestream Management, Inc (IWM); disposal documentation is included as Attachment C.

Well Completion Reports were submitted to the Department of Water Resources and copies are included in Attachment D.

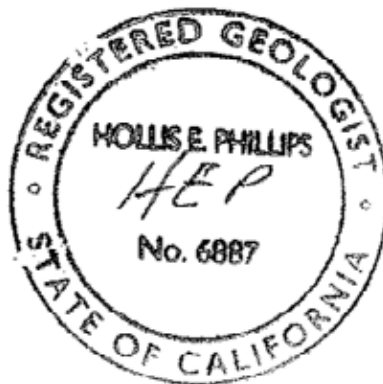
With the completion of the above mentioned well abandonment activities, ARCADIS does not believe that there are any remaining issues associated with ACEH Case No. RO0000163; therefore, this site should be considered closed with regard to the previous environmental issues associated with this site. If you have any questions or need additional information regarding this site please contact Hollis Phillips at 415.432.6903. Thank you for your assistance with closing former ARCO service station no. 06002.

Sincerely,

ARCADIS U.S., Inc.



Hollis E. Phillips, PG
Principal Geologist/Project Manager



Attachments:

Figure 1 – Site Plan

Attachment A – ACEH February 2, 2012 Correspondence
Attachment B – Well Destruction and Encroachment Permits
Attachment C – Waste Disposal Documentation
Attachment D – Well Completion Reports

Copies:

Geotracker

ARCADIS

Attachment A

Alameda County Environmental
Health February 2, 2012
Correspondence



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

February 2, 2012

Paul Supple
(Sent via E-mail to: paul.supple@bp.com)
Atlantic Richfield Company
(A BP Affiliated Company)
P.O. Box 1257
San Ramon, CA 94583

Manal A. & Mohamed A. Gazali
P.O. Box 18592
Oakland, CA 94619-2906

Jasbir Tatla
Seminary Gas & Food
6235 Seminary Avenue
Oakland, CA 94605-1847

MVA Resources, Inc.
2239 Moorpark Avenue
San Jose, CA 95128-2661

Subject: Monitoring Well Destruction, Public Notification, & Landowner Notification of Case Closure for Fuel Leak Case No. RO0000163 and GeoTracker Global ID T0600100105, ARCO #6002, 6235 Seminary Avenue, Oakland, CA 94605

Dear Responsible Parties:

Final approval of a case closure for the underground storage tank investigation at the subject site is almost complete. A case summary report proposing closure has been forwarded to the Regional Water Quality Control Board (RWQCB) for their thirty (30) day review period. Concurrently, public notification and landowner notification of the proposed closure action will be conducted. The RWQCB comment period and public notification and landowner notification on the proposed closure action will all conclude on Monday, March 5, 2012. Following the thirty (30) day review period and if no comments opposing closure are received, the monitoring wells installed at the site must be properly destroyed, per California Water Code, prior to issuance of a remedial action completion certificate.

ACEH requests that you address the following technical comments, perform the proposed work, and send us the technical reports requested below. Upon receipt of the requested documents a remedial action completion certificate will be sent to the responsible party.

TECHNICAL COMMENTS

1. **Landowner Notification** – Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this

notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site. At this time, please complete and submit the enclosed List of Landowners Form by the date specified below.

2. **Public Notification** – Pursuant to California Code of Regulations, Title 23, Division 3, Chapter 16, §2728, ACEH requires notification to the public of the proposed case closure for the site. To that end, ACEH has prepared the public participation fact sheet & mailing list (enclosed), which describes the site and previous investigation activities that were conducted to the property addresses listed on the enclosed List of Public Participants. Public comments on the proposed action will be accepted for a period of thirty days beginning Thursday, February 2, 2012 through Monday, March 5, 2012. Following the public comment period, the comments received must be addressed and incorporated into a closure report submitted to ACEH for review.
3. **Monitoring Well Destruction** – ACEH is requesting that you contact Alameda County Public Works Agency at (510) 567-6791, obtain the necessary permits, destroy the wells, and electronically upload the monitoring well destruction report to ACEH's FTP server and the State Water Resources Control Board's GeoTracker website within ninety (90) days from the date of this letter (May 2, 2012). Electronic reporting is described in detail below.

NOTIFICATION OF FIELDWORK ACTIVITIES

Please schedule and complete the fieldwork activities by the date specified below and provide ACEH with at least three (3) business days notification prior to conducting the fieldwork.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Paresh Khatri), according to the following schedule:

- **March 5, 2012** – End of 30-day Public Participation Period
- **May 2, 2012** – Monitoring Well Destruction Report

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 777-2478 or send me an electronic mail message at paresh.khatri@acgov.org.

Sincerely,



Digitally signed by Paresh C. Khatri
DN: cn=Paresh C. Khatri, o=Alameda
County Environmental Health
Department, ou,
email=paresh.khatri@acgov.org, c=US
Date: 2012.02.02 12:10:06 -08'00'

Paresh C. Khatri
Hazardous Materials Specialist

Responsible Parties
RO0000163
February 2, 2012, Page 3

Enclosure: List of Landowners Form
Public Participation Fact Sheet
List of Public Participation Property Addresses
Responsible Party(ies) Legal Requirements/Obligations
ACEH Electronic Report Upload (ftp) Instructions

cc: Hollis Phillips, ARCADIS, 100 Montgomery Street, Suite 300, San Francisco, CA 94105
(Sent via E-mail to: Hollis.Phillips@arcadis-us.com)
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland,
CA 94612-2032 (Sent via E-mail to: lgriffin@oaklandnet.com)
Donna Drogos, ACEH (Sent via E-mail to: donna.drogos@acgov.org)
Paresh Khatri, ACEH (Sent via E-mail to: paresh.khatri@acgov.org)
GeoTracker
File

LIST OF LANDOWNERS FORM

County of Alameda
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR:

Site Name: ARCO #6002
Address: 6235 Seminary Avenue
City, State, Zip: Oakland, CA 94605
Record ID #: RO0000163

Please fill out item 1 if there are multiple site landowners (attach an extra sheet if necessary). If you are the sole site landowner, skip item 1 and fill out item 2.

1. In accordance with Section 25297.15(a) of Chapter 6.7 of the California Health & Safety Code, I, _____ (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

Name: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____

Name: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____

Name: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____

2. In accordance with Section 25297.15(a) of Chapter 6.7 of the California Health & Safety Code, I _____, certify that I am the sole landowner for the above site.

Sincerely,

Signature of Primary Responsible Party Printed Name Date E-mail Address



FACT SHEET ON ENVIRONMENTAL ASSESSMENT

ARCO #6002

(now Seminary Gas)

6235 Seminary Avenue, Oakland, CA 94605

Fuel Leak Case No. RO0000163 and

GeoTracker Global ID T0600100105

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

Site Remediation Summary

This fact sheet has been prepared to inform community members and other interested stakeholders regarding the status of the soil and groundwater cleanup at the former ARCO #6002 (now Seminary Gas) located at 6235 Seminary Avenue, in Oakland, California. ARCO is the lead responsible party for the case and their environmental consultant is ARCADIS. Four underground storage tanks (USTs), the suspected source of petroleum hydrocarbon contamination, were removed from the site.

Site Background

The subject site is located on the just southwest of Interstate 580 at the intersection of Seminary Avenue, Sunnymere Avenue, and Kuhnle Avenue in Oakland. The surrounding land use is mixed residential and commercial. The site is currently operated as a gasoline station.

Subsurface investigations at the site began in 1994, which discovered petroleum hydrocarbon contamination in the vicinity of the former underground storage tanks (USTs) that were removed and replaced in 1996.

Current improvements to the Site include three gasoline USTs installed in 1996, two fuel dispenser islands with a total of four dispensers, and a convenience store building.

Site Investigations

The Alameda County Environmental Health (ACEH), the local regulatory agency, oversees investigation and cleanup activities at the site. Soil and groundwater investigations were completed at the site and surrounding area. These investigations characterized the hydrogeology, subsurface conditions, and the nature, extent, and fate of the petroleum contamination.

Two 4,000 gallon and two 6,000 gallon USTs located on the east side of the Site were removed on March 6, 1996 by Balch Petroleum. The USTs appeared to be in good condition with no obvious holes or leaks. The UST cavity was excavated to approximately 14 ft bgs to remove contaminated soil.

Approximately 11,500 gallons of hydrocarbon contaminated groundwater that had accumulated in the UST cavity were pumped out for off-site disposal. Approximately 370 cubic yards (cy) of hydrocarbon contaminated soil was excavated

and disposed of off-site during UST removal activities at the Site.

Site investigations have revealed that residual soil contamination is present at the site. This soil contamination extends laterally up to ± 60 feet down-gradient of the former tanks. The soil contamination appears to be localized to the property.

The primary chemicals of concern are total petroleum hydrocarbons as gasoline (TPH-gasoline), benzene, and MTBE.

Contaminated soil has caused localized groundwater contamination. Groundwater contamination extends slightly deeper than soil contamination. Available data indicates that the groundwater plume is not migrating and groundwater concentrations are generally decreasing with time. Natural attenuation mechanisms, primarily biodegradation, will eventually decrease contaminant concentrations to below laboratory detection limits - the contamination will eventually abate.

Remedial actions completed at the site consisted of removing the underground tanks, excavating contaminated soil, and pumping contaminated groundwater from the excavation.

Next Step

ARCO has been working with Alameda County Environmental Health (ACEH) to investigate and clean up the site. No further soil and groundwater investigations or remediation is planned for the site. The source of contamination, the former tanks, contaminated soil and groundwater, has been removed. The site has been adequately characterized and the groundwater contaminant plumes are either stable or decreasing with time. The site data have demonstrated that, with time, contaminant concentrations will likely abate.

The site is proposed for case closure. All the site investigation activities are described in reports prepared for ARCO. The public is invited to review and comment on the proposed closure of this case. The case file is available on ACEH's website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State Water Resources Control Board's GeoTracker website (<http://www.geotracker.waterboards.ca.gov/>). The

FACT SHEET ON ENVIRONMENTAL ASSESSMENT

ARCO #6002

(Seminary Gas)

6235 Seminary Avenue, Oakland, CA 94605

Fuel Leak Case No. RO0000163 and

GeoTracker Global ID T0600100105

Page 2 of 2

case file is also available for review on-line at the ACEH located at 1131 Harbor Bay Parkway in Alameda, California. Please send a fax to 510-337-9335 to request a date and time to review the case file. Please send written comments regarding the proposed action

to Paresh Khatri at the address below. All written comments received by **Monday, March 5, 2012** will be forwarded to the Responsible Party and will be considered and responded to prior to a final determination on the proposed case closure.



For Additional information, please contact:

Paresh Khatri
Alameda County Environmental Health
1131 Harbor Bay Parkway, Ste 250
Alameda, CA 94502
Phone: 510-777-2478
E-mail: Paresh.Khatri@acgov.org

Hollis Phillips
ARCADIS
100 Montgomery Street, Ste 300
San Francisco, CA 94104
Phone: 415-374-2744
E-mail: hollis.phillips@arcadis-us.com

Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	REVISION DATE: July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site.
 - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

ARCADIS

Attachment B

Well Destruction and
Encroachment Permits

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 04/11/2012 By jamesy

Permit Numbers: W2012-0233 to W2012-0243
Permits Valid from 04/16/2012 to 05/02/2012

Application Id: 1332457840131
Site Location: 6235 Seminary Ave

City of Project Site:Oakland

Project Start Date: 04/16/2012
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Completion Date:05/02/2012

Applicant: ARCADIS U.S. - Ben McKenna
2999 Oak Road, Suite 300, Walnut Creek, CA 94597
Property Owner: Manal & Mohamed Gazali
6259 Sunnymere Avenue, Oakland, CA 94605
Client: Ben McKenna
2999 Oak Road, Suite 300, Walnut Creek, CA 94597
Contact: Ben McKenna

Phone: 925-296-7857
Phone: 510-712-3375
Phone: 925-296-7857
Phone: 925-296-7857
Cell: 916-508-5536

	Total Due:	\$4367.00
Receipt Number: WR2012-0102	Total Amount Paid:	\$4367.00
Payer Name : Benino P. McKenna	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 11 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: press

Work Total: \$4367.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2012-0233	04/11/2012	07/15/2012	AS-1	8.00 in.	2.00 in.	1.00 ft	22.00 ft	2S/3WB	No Records	No Records
W2012-0234	04/11/2012	07/15/2012	MW-3	12.00 in.	4.00 in.	3.00 ft	25.00 ft	2S/3WB24	94376	412540
W2012-0235	04/11/2012	07/15/2012	MW-4	12.00 in.	4.00 in.	3.00 ft	24.50 ft	2S/3WB23	94376	412541
W2012-0236	04/11/2012	07/15/2012	MW-5	12.00 in.	4.00 in.	3.00 ft	25.00 ft	2S/3WB22	94376	579487
W2012-0237	04/11/2012	07/15/2012	MW-6	8.00 in.	2.00 in.	1.00 ft	32.00 ft	2S/3WB	No Records	No Records
W2012-0238	04/11/2012	07/15/2012	MW-7	12.00 in.	4.00 in.	1.00 ft	14.00 ft	2S/3WB	No Records	No Records
W2012-0239	04/11/2012	07/15/2012	MW-8	12.00 in.	4.00 in.	1.00 ft	14.00 ft	2S/3WB	No Records	No Records
W2012-0240	04/11/2012	07/15/2012	VW-1	12.00 in.	4.00 in.	4.00 ft	14.00 ft	2S/3WB	No Records	No Records
W2012-0241	04/11/2012	07/15/2012	VW-2	12.00 in.	4.00 in.	4.00 ft	14.00 ft	2S/3WB	No Records	No Records
W2012-0242	04/11/2012	07/15/2012	VW-3	12.00 in.	4.00 in.	1.00 ft	15.00 ft	2S/3WB	No Records	No Records
W2012-0243	04/11/2012	07/15/2012	VW-4	12.00 in.	4.00 in.	1.00 ft	15.00 ft	2S/3WB	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

Alameda County Public Works Agency - Water Resources Well Permit

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.
 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 Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
 8. Remove the Christy box or similar structure. Destroy well MW-6 by overdrilling the upper 5' ft. BGS & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
 9. Remove the Christy box or similar structure. Destroy wells AS-1, MW-3, MW-4, MW-4, MW-5, MW-7, MW-8, VW-1, VW-2, VW-3, VW-4 by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
 10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
-

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION
ENCROACHMENT PERMIT
 TR-0120

Permit No. 0412-6SV0540	
Dist/Co/Rte/PM 04-ALA-580-38.9	
Date April 19, 2012	
Fee Paid \$ 492.00	Deposit \$
Performance Bond Amount (1)	Payment Bond Amount (2)
Bond Company	
Bond Number (1)	Bond Number (2)

In compliance with (Check one):

- Your application of April 02, 2012
- Utility Notice No. _____ of _____
- Agreement No. _____ of _____
- R/W Contract No. _____ of _____

TO: Arcadis U.S.
 140 Second Street, Suite 200
 Petaluma, CA 94952

Attn: Mr. Joshua T Minshall
 Phone: (707) 776-0865 *31 _____, PERMITTEE

And subject to the following, **PERMISSION IS HEREBY GRANTED** to:

Perform traffic control associated with the abandoning/decommissioning of a ground water monitoring well, on State Highway 04-ALA-580, at Post Mile 38.9, in the City of Oakland.

A minimum of one week prior to start of work under this permit, notice shall be given to, and approval of construction details, operations, public safety, and traffic control shall be obtained from State Representative Sunny Mantravadi, 600 Lewelling Blvd., San Leandro, CA 94579, 510-614-5951, weekdays, between 7:30 AM and 4:00 PM.

All permitted work requires the Permittee to apply for and obtain a work authorization number prior to start of work. See the attached "Encroachment Permit Project Work Scheduling Procedures" and the attached "Permit Project Work Scheduling Request Form". Additional time beyond the minimum seven-day advanced notice required in the above paragraph may be required for obtaining the traffic control approval.

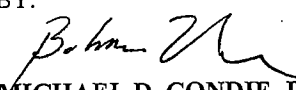
The following attachments are also included as part of this permit (Check applicable): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No General Provisions <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Utility Maintenance Provisions <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Storm Water Special Provisions <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No A Cal-OSHA permit required prior to beginning work: # _____	In addition to fee, the permittee will be billed actual costs for: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Review <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Inspection <input type="checkbox"/> Yes ----- Field Work (If any Caltrans effort expended)
--	--

Yes No The information in the environmental documentation has been reviewed and considered prior to approval of this permit.

This permit is void unless the work is completed before April 30, 2013

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.
 No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

RN
 CC: BK, SM
 DTM - P Chan, TMC - J Richardson

APPROVED:
BIJAN SARTIPI, District Director
 BY:

MICHAEL D. CONDIE, District Permit Engineer

All Permittee's personnel shall wear appropriate personal protective equipment, including hard hats and bright-colored vests, shirts or jackets with retro-reflective material while on State Highway Right of Way.

All utility work shall be performed in accordance with the appropriate provisions contained in this Department of Transportation Encroachment Permit Utility, Tree trimming, and Tree Removal Provisions dated July 2009, available at http://www.dot.ca.gov/hq/traffops/developserv/permits/guidelines_and_booklets/index.html.

Any damage to existing facilities, landscaping or irrigation within the State's Right of Way shall be replaced in kind by the permittee at permittee's expense.

Changes to Permit Provisions are not allowed without prior approval from the State Representative.

Access to on-ramp must be provided at all times to accommodate traffic movements at intersection. One lane may be temporarily closed at beginning of on-ramp while work is actively in progress, Monday thru Friday, between 9:00 A.M. and 3:00 P.M. No lane closure is permitted any other time, holidays excluded.

Before any work is begun which will interrupt the normal flow of public traffic, approval shall be obtained from State's Representative. Lane closures shall be as shown on the attached copy of Standard Plan Sheet T-11.

If an accident or other incident (related to or not related to the permitted activity) occurs within, or close to the permitted activity, the permittee shall immediately stop work and remove traffic controls from the highway unless public health, welfare and safety is endangered by unfinished work. Only traffic control to protect open excavations may remain in place. After free traffic flow is restored, work in accordance with the conditions of the permit may be returned.

Immediately following completion of the work permitted herein, the permittee shall fill out and mail the Notice of Completion attached to this permit.

ARCADIS

Attachment C

Waste Disposal Documentation



INTEGRATED WASTESTREAM MANAGEMENT, INC.
1945 CONCOURSE DRIVE, SAN JOSE, CA 95131
PHONE: 408.433.1990 FAX: 408.433.9521

CERTIFICATE OF DISPOSAL

Generator Name: BP West Coast Products LLC
Address: P.O. Box 80249
Rancho Santa Margarita, CA
92688
Contact: Emily Learmer
Phone: 949-460-5200

Facility Name: BP6002
Address: 6235 Seminary Avenue
Oakland, CA
Facility Contact: Ben McKenna, ARCADIS
Phone: 713-953-4729

IWM Job #: ---
Description of Waste: 1 Drum(s) of
Non-Hazardous
Debris
Removal Date: 5/23/12
Ticket #: RSVRL230512

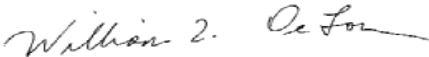
Transporter Information

Name: IWM, Inc.
Address: 1945 Concourse Drive
San Jose, CA 95131
Phone: (408) 433-1990

Disposal Facility Information

Name: Republic Services Vasco Road Landfill
Address: 4001 N. Vasco Road
Livermore, CA 94550
Phone: (925) 447-0491

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon 
Authorized Representative (Print Name and Signature)

5/23/12
Date

ARCADIS

Attachment D

Well Completion Reports

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

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

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

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

REMOVED