

C&C Property Management
P.O. Box 20327
Oakland, CA 94620

RECEIVED

By Alameda County Environmental Health 10:26 am, Jul 22, 2015

July 17, 2015

Mark Detterman
Senior Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

**Subject: Letter of Transmittal for Well Destruction Report, Salle's Paint and Auto Body,
1049 9th Avenue, Oakland, California
RO#0000308
GeoTracker Global ID #T0600102212**

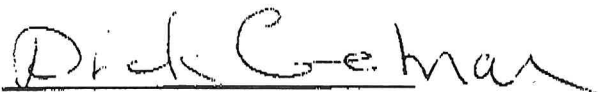
Dear Mr. Detterman:

We submit this transmittal letter and accompanying report documenting the destruction of three groundwater monitoring wells at the subject property referenced above.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

Sincerely,

Dick Cochran



C&C Property Management

ATTACHMENT:

Edd Clark and Associates. 2015. *Well Destruction Report, Salle's Paint and Auto Body, 1049 9th Avenue, Oakland, California, July 17.*



Edd Clark & Associates, Inc.

Environmental Consultants

Serving the North Bay for Over 20 Years

July 22, 2015

Job No.: 0459,001.03

Mr. Dick Cochran

P.O. Box 20327

Oakland, California 94620

**Well Destruction Report
Salle's Paint & Body Shop
1049 9th Avenue
Oakland, California**

RO#0000308

GeoTracker Global ID #T0600102212

Dear Mr. Cochran:

Edd Clark & Associates, Inc. (EC&A) oversaw the destruction of three groundwater monitoring wells MW-1, MW-2 and MW-3 at the above-referenced subject site on July 14, 2015 (Figures 1 and 2).

The well destructions were carried out at the request of Alameda County Environmental Health (ACEH) in their letter dated October 20, 2014. In response to this letter, EC&A issued *Workplan: Monitoring Well Destruction, Waste Disposal and Closure Reporting* dated March 31, 2015. In response to EC&A's *Workplan*, ACEH stated in an e-mail dated May 7, 2015 that the subject site monitoring wells could be decommissioned by pressure-grouting. In an addendum to the workplan dated May 8, 2015, EC&A subsequently proposed MW-1, MW-2 and MW-3 be decommissioned using pressure grouting methods.

EC&A obtained well destruction permit numbers W2015-0396 to W2015-0398 dated May 13, 2015, from the Alameda County Public Works Agency (ACPWA). On July 14, 2015, Clear Heart Drilling, Inc. of Santa Rosa, California (C-57 license # 780357) pressure-grouted each of the wells by backfilling them with neat cement grout and attaching an air compressor with a pressure gauge to the top of the PVC well casing. Pressure of 25 pounds per square inch (PSI) was maintained for a minimum of five minutes. Well destruction activities were observed by an inspector from ACPWA.

Monitoring wells MW-1 and MW-2 were located in a public sidewalk; MW-3 was located in a public street. For the abandonment of these wells, EC&A obtained encroachment permits (Excavation permit X1501435 and Obstruction permit OB1500636) from the City of Oakland Planning and Building Department. Following the pressure-grouting of MW-1 and MW-2, the

well boxes were removed, and the surrounding concrete sidewalk squares were saw-cut, removed, and replaced with new concrete squares by AC Paving of Oakland, California. For monitoring well MW-3 in the street, the surrounding asphalt was saw-cut to a 1-foot by 3-foot rectangle, and a hot asphalt patch was applied to grade by AC Paving, per the requirements of the City of Oakland. The repaired pavement surfaces were inspected and approved by an inspector from the City of Oakland. Copies of the finalized Excavation and Obstruction permits are attached.

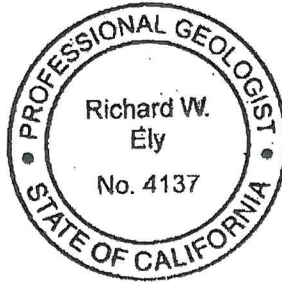
As the wells were grouted in place, no waste soil or water was generated during this well destruction event. The former locations of the wells are shown in the attached site plan (Figure 2). Copies of the ACEH closure directive, the ACPWA well destruction permit, City of Oakland finalized encroachment permits, and the State of California Department of Water Resources (DWR) Forms 188 (Well Completion Reports) are also attached.

Thank you for allowing EC&A to provide environmental consulting services for you. Please call (707) 792-9500 if you have any questions.

Sincerely,



Richard Ely, PG #4137
Senior Geologist



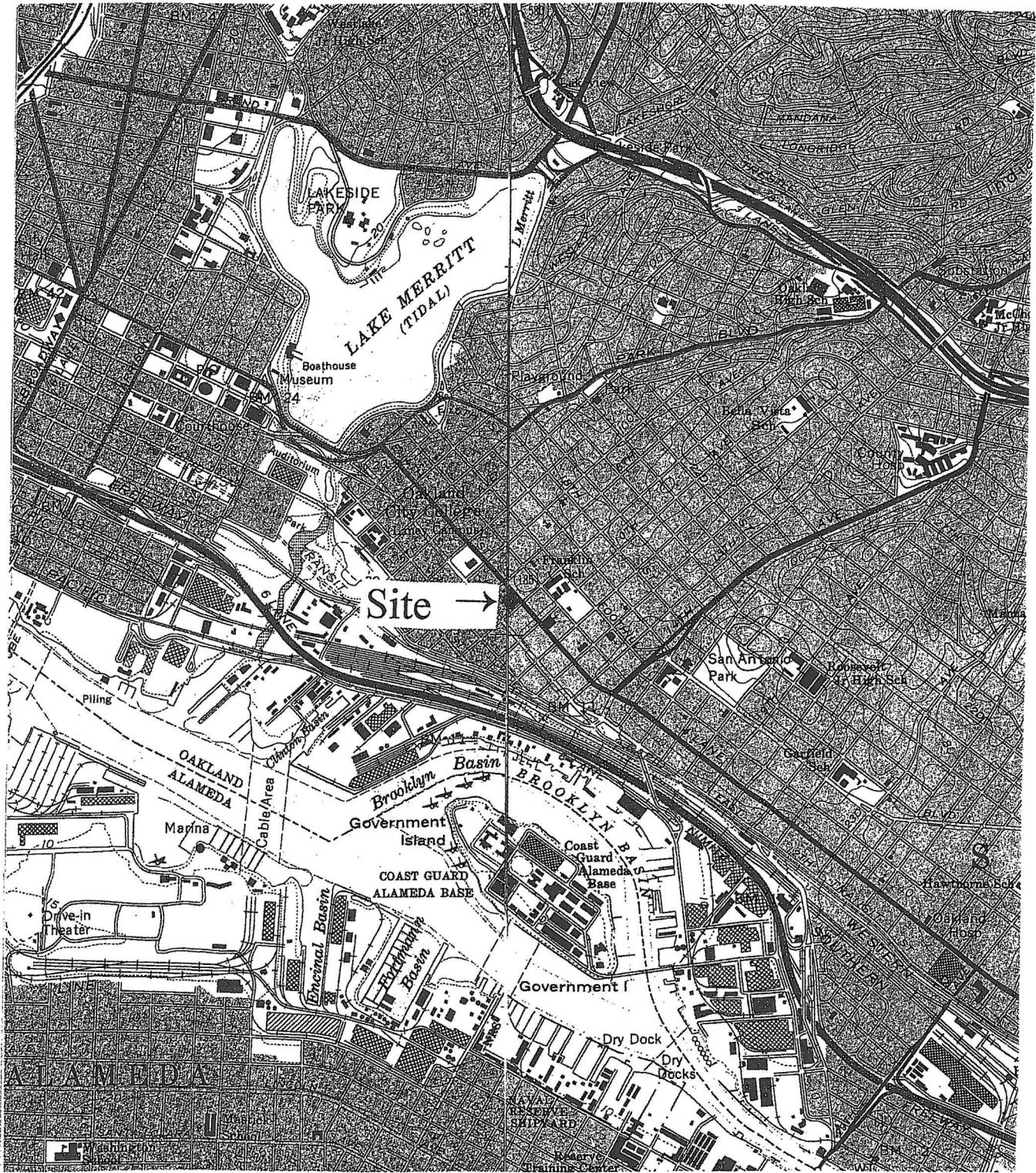
Figures

- Figure 1 - Site Location Map
- Figure 2 - Site Plan

Attachments

- Attachment A – ACEH Well Closure Directive
- Attachment B – ACPWA Well Destruction Permit
- Attachment C – City of Oakland Finalized Encroachment Permits
- Attachment D – DWR Well Completion Reports (Form 188)

cc: Mark Detterman, Senior Hazardous Materials Specialist, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502, mark.detterman@acgov.org



From USGS 1:24,000 Topographic map series, Oakland West & East Quadrangles

TRACE #383/RG/24-Jun03

EDD CLARK & ASSOCIATES, INC.

ENVIRONMENTAL CONSULTANTS

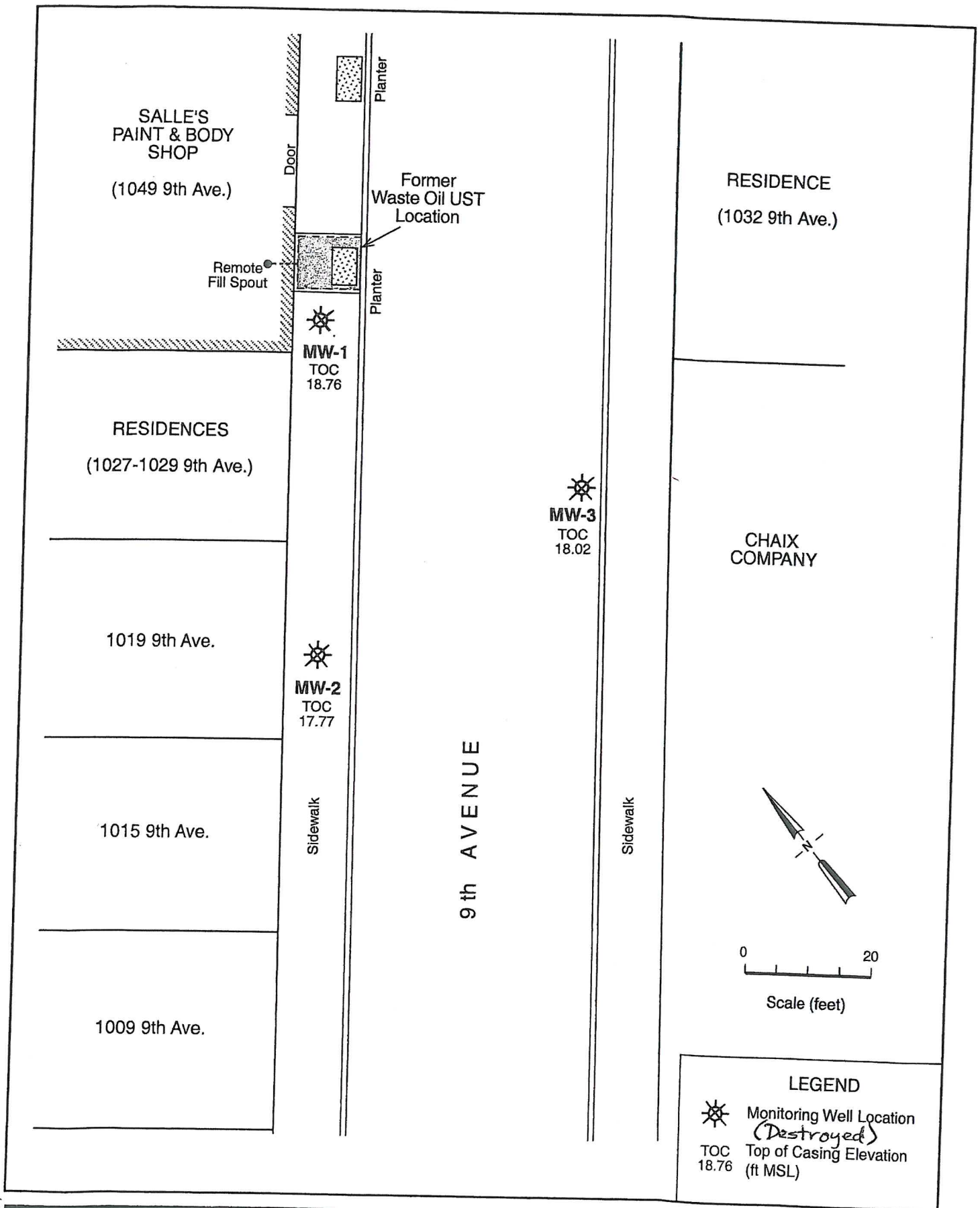
SITE LOCATION MAP

1049 9th Avenue
Oakland, California

PLATE

1

JOB NUMBER	0459, 001.03	REVIEWED BY	EC&A, Richard Ely	DATE	June 2003	REVISED		SHEET NO.	1 of 1
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TRACE #883/RG/20Dec11)

EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

SITE PLAN
1049 9th Avenue
Oakland, California

FIGURE
2

JOB NUMBER	0459, 001.03	REVIEWED BY	EC&A, Richard Ely	DATE	October 2000	REVISED	December 2011	SHEET NO.	1 of 1
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Attachment A

ACEH Well Closure Directive

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, October 20, 2014 10:01 AM
To: Dick Cochran
Cc: Richard Ely; Roe, Dilan, Env. Health; Detterman, Mark, Env. Health
Subject: End of Public Participation Notification Period for Case Closure; Fuel Leak Case No. RO0000308 and GeoTracker Global ID T0600102212, Salle's Auto Body, 1049 9th Avenue, Oakland, CA 94606
Attachments: DIR_L_2014-08-14.pdf

Mr. Dick Cochran
C&C Property Management
499 Embarcadero, Post 3, Box 16
Oakland, CA 94606
(Sent via E-mail to: honah22@gmail.com)

Mr. Richard Cochran
Celli Family Partnership et. al.
PO Box 20327
Oakland, CA 94620

Dear Mr. Cochran:

As you are aware, the public comment period for the subject site ended on October 20, 2014. No comments were received by Alameda County Environmental Health (ACEH). You are free to proceed with the destruction of wells associated with the site (groundwater, vapor, etc), as requested in the attached August 14, 2014 letter from ACEH.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

- **January 5, 2015** – Complete Well Decommissioning and Waste Removal. (Please notify ACEH at least 48-hours in advance with an e-mail message to mark.detterman@acgov.org)
- **February 23, 2015** – Well Decommissioning Report (with waste disposal documentation)
File to be named: RO308_WELL_DCM_R_yyyy-mm-dd
- **4 Weeks After Completion of All Required Submittal Tasks** – Uniform Closure Letter Issued
(Provided no public comments of substance have been submitted)

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.

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

Should you have questions, please let me know.

Cc: Richard Ely, Edd Clark & Associates, P.O. Box 3039, Rohnert Park, CA, 94927 (sent via electronic mail to: richardely@earthlink.net)

Dilan Roe, ACEH (sent via electronic mail to dilan.roe@acgov.org)
Mark Detterman, ACEH (sent via electronic mail to mark.detterman@acgov.org)
Geotracker, Electronic File

*Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway*

Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

Attachment B

ACPWA Well Destruction Permit

Alameda County Public Works Agency - Water Resources Well Permit



Public Works Agency
— Alameda County —

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

Application Approved on: 05/13/2015 By jamesy

Permit Numbers: W2015-0396 to W2015-0398
Permits Valid from 06/01/2015 to 06/01/2015

Application Id: 1428430158451
Site Location: 1049 9th Avenue, Oakland, CA
Project Start Date: 06/01/2015
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

City of Project Site:Oakland

Completion Date:06/01/2015

Applicant: Edd Clark & Associates, Inc. - Kevin Coker
320 Professional Ctr Drive #215, Rohnert Park, CA 94952
Property Owner: Celli Family Partnership Willis Jean L & ME Et Al
PO Box 20327, Oakland, CA 94620
Client: ** same as Property Owner **

Phone: 707-792-9500

Phone: 510-325-3175

	Total Due:	\$1191.00
Receipt Number: WR2015-0234	Total Amount Paid:	\$1191.00
Payer Name : Edd Calrk & Associates, Inc.	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 3 Wells

Driller: Clear Heart - Lic #: 780357 - Method: over

Work Total: \$1191.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-0396	05/13/2015	08/30/2015	MW1	8.00 in.	2.00 in.	4.00 ft	20.00 ft	No Records	No Records	No Records
W2015-0397	05/13/2015	08/30/2015	MW2	8.00 in.	2.00 in.	4.00 ft	20.00 ft	No Records	No Records	No Records
W2015-0398	05/13/2015	08/30/2015	MW3	8.00 in.	2.00 in.	4.00 ft	20.00 ft	No Records	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. 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 10 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 assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
 8. Remove the Christy box or similar structure. Destroy well(s) by overdrilling the upper 5ft. below ground surface (bgs) and then tremie grouting with neat cement. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil. After the seal has set, backfill the remaining hole by approved encroachment permit concrete material and asphalt material by Caltrans Spec or County/City Codes.
 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.
-

Attachment C

City of Oakland Finalized Encroachment Permits

Permits for which no major inspection has been approved within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.



CITY OF OAKLAND

Fred *Tino @*
2:00 p.m.

250 FRANK H. OGAWA PLAZA - 2ND FLOOR - OAKLAND, CA 94612

Planning and Building Department
www.oaklandnet.com

PH: 510-238-3891
FAX: 510-238-2263
TDD: 510-238-3254

Permit No: X1501435 Excavation

Filed Date: 6/30/2015

Job Site: 1049 9TH.AVE

Schedule inspection by calling: 510-238-3444

Parcel No: 019 001800600

District:

Project Description: Abandon three monitoring wells on 9th Avenue side (MW-1 & MW-2 on N/W & MW-3 on S/E).
Alameda County documentation provided. Call PWA INSPECTION prior to start: 510-238-3651.
4th FLOOR.

Related Permits: OB1500636

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
Owner:	CELLI FAMILY PARTNERSHIP & WILLIS JEAN L & ME ETAL		PO BOX 20327 OAKLAND, CA		
Contractor:	CLEAR HEART DRILLING INC.	X	555 B W COLLEGE AVENUE SANTA ROSA, CA	(707) 568-6095	780357

PERMIT DETAILS: Building/Public Infrastructure/Excavation/NA

General Information

Excavation Type: Private Party

Special Paving Detail Required:

Tree Removal Involved:

Date Street Last Resurfaced:

Holiday Restriction (Nov 1 - Jan 1):

Worker's Compensation Company Name:

Limited Operation Area (7AM-9AM) And (4PM-6PM):

Worker's Compensation Policy #:

Key Dates

Approximate Start Date:

Approximate End Date:

TOTAL FEES TO BE PAID AT FILING: \$436.05

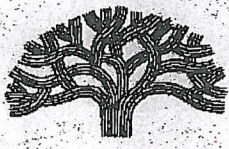
Application Fee	\$71.00	Excavation - Private Party Type	\$309.00	Records Management Fee	\$36.10
Technology Enhancement Fee	\$19.95				

Plans Checked By _____ Date _____

Permit Issued By _____ Date _____

Finalized By *Jis* _____ Date *7/14/15*

FIELD COPY



Permit No: X1501435

Parcel No: 019 001800600

Job Site: 1049 9TH AVE

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.

Permits for which no major inspection has been approved within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.



CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA - 2ND FLOOR - OAKLAND, CA 94612

Planning and Building Department
www.oaklandnet.com

PH: 510-238-3891
FAX: 510-238-2263
TDD: 510-238-3254

Permit No: OB1500636 Obstruction

Filed Date: 6/30/2015

Job Site: 1049 9TH AVE

Schedule inspection by calling: ~~510-238-3444~~

Parcel No: 019 001800600

District:

Project Description: RESERVE 50' OF PARKING SPACE ON N/W & 50' ON S/E SIDE OF 9TH AVE SIDE & 40' OF SIDEWALK CLOSURE RELATED TO ACTIVITY BELOW. PER TSD15-0095.

Abandon three monitoring wells on 9th Avenue side (MW-1 & MW-2 on N/W & MW-3 on S/E) Alameda County documentation provided. Call PWA INSPECTION prior to start: 510-238-3651.
4th FLOOR.

Related Permits: X1501435

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
Owner:	CELLI FAMILY PARTNERSHIP & WILLIS JEAN L & ME ETAL		PO BOX 20327 OAKLAND, CA		
Contractor:	CLEAR HEART DRILLING INC	X	555 B W COLLEGE AVENUE SANTA ROSA, CA	(707) 568-6095	780357

PERMIT DETAILS: Building/Public Use/Activity/Obstructions

Work Information

Start Date: 07/14/2015	Obstruction Permit Type: Short Term (Max 14 Days)
End Date: 07/14/2015	Number of Meters (Metered Area):
	Length Of Obstruction (Unmetered Area): 140

Traffic Control Plan (TCP) to be approved every 30 days by PWA Transportation Services or whenever there is any deviation from previously approved TCP.

TOTAL FEES TO BE PAID AT FILING: \$200.24

Application Fee	\$71.00	Records Management Fee	\$16.58	Short Term Permits	\$103.50
Technology Enhancement Fee	\$9.16				

Plans Checked By _____ Date _____

Permit Issued By _____ Date _____

Finalized By [Signature] Date 7/14/15

FIELD COPY



Permit No: OB1500636

Parcel No: 019.001800600

Job Site: 1049 9TH AVE

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.

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name:
 Project Number: TSD-15-0095
 Reviewed By: JWatson
 Date: 6/26/2015
 Permit good from 7/1/2015
 and 7/31/2015

REVISED
6/28/15

ADD NEW SUBSECTION TO READ:
SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2006 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area Traffic Control Handbook or Manual on Uniform Traffic Control Devices (MUTCD), Chapter 6 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.
 at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained. The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
9 th Avenue between E 11 th Street and E 10 th Avenue	Mon. - Fri. 9am – 4pm	N/A	N/A	Sidewalk Closure	Sidewalk Closure

The Contractor Shall Also include all check item:

1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3. Provide advance notice to Oakland Police at (510) 777-3333 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
4. Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
5. For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
6. Flagger control is required. Certified Flagger is required.
7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
8. Pedestrian traffic shall be maintained and guided through the project at all times.
9. Provide advance notice to Business and Residence within 72-hours.
10. Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

CITY OF OAKLAND



Public Works Agency • 250 Frank H. Ogawa Plaza • Suite 4344 • Oakland, California 94612-2033
 Transportation Services Division

Office (510) 238-3466
 FAX (510) 238-7415
 TDD (510) 839-6451

Extend to July 1 to 31
chrish @ eddclarkandassociates.com
Traffic Engineering Services Analysis Fee Invoice

Date: June 2, 2015

TSD Invoice # : 15-0095

To: Kevin Coker
 Company: EDD Clark
 Address: 320 Professional Center Dr., Ste 215, Rohnert Park, CA
 Phone: 1-707-792-9504

Created/Received By: John Chin

Location	Description of Work	Project Name / Permit #	# of Hours *
1049 9th Avenue	Walk In TCP		1
Total Hours			1
TSD Service Rate			\$ 123.00
Total Fee			\$ 123.00

* - minimum 1 hour service

FOR CITY USE ONLY	
Cost Center No.	W045
Organization No.	30265
Account No.	45119
Fund No.	1750

Cc: Rosalie

APPLICATION FOR TRAFFIC CONTROL PLAN

Transportation Services Fee: \$123/hour
(Check or Money Order Only)



Public Works Agency
Transportation Services Division

- Check the box that apply:
- New Application (Utility, Excavation)
 - Renewal Application
 - New Development w/ Mgmt Plan
 - City of Oakland Project

Please Read the Following Statements Below:

1. Processing time for a Traffic Control Application is a minimum of 10 business days.
2. Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30am thru 11:30am by appointment only.
3. A scheduled appointment by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans.
4. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
5. Businesses and residences adjacent to the work area must be provided 72 hour advance notice.
6. A completed traffic control application may be faxed to (510) 238-7415.
7. Incomplete traffic control applications will not be processed and returned to applicant immediately.
8. The initial approval for a traffic control plan is 1 month, the renewal submittal may be approved up to 3 months.
9. The traffic control provision dates cannot be changed or extended if work has already commenced.
10. After receiving TSD approval of the traffic control application, contractor shall proceed to the Permit Center to "Obstruction obtain an obstruction permit.

RECEIVED
PUBLIC WORKS AGENCY
TRAFFIC ENGINEERING
MAY - 8 PM 1:20

Contact Person: Kevin Coker Phone: (707) 792-9500
 Name of Company: EDD CLARK & ASSOCIATES, INC. Fax: (707) 792-9504
 Address of Company: 320 Professional Center Drive, Suite 215, Rohnert Park, CA 94922
 Describe type of work to be performed: destruction of 3 existing monitoring wells (mw-1, mw-2, + mw-3)
 Location of work: 1049 9th Ave, Oakland Between* 10th St. And* 11th St.
 Work date (s): May 2015 TBD Mon-Fri Sat-Sun Work Hours: 9:00am to 5:00 p.m.

Please Follow these Steps in Order to Complete a Traffic Control Plan:

- A. **Drawing Area:** The full width of all streets adjacent to the site MUST be included in the drawing. Include the entire block in which your work is located for every street that is adjacent to your site.
- B. **Include Street Names, Direction of Traffic on the Street, and North Arrow**
- C. **Show Existing Number of Lanes in all Directions** (with any pavement arrows)
- D. **Check the Box(s) that Apply:** All checked items **MUST** be shown on the drawing

<input type="checkbox"/> Lane Closure	<input type="checkbox"/> Use of Median	<input checked="" type="checkbox"/> Sidewalk Closure
<input type="checkbox"/> Street Closures (must provide detour plan)	<input checked="" type="checkbox"/> Use Parking Lane	(must provide pedestrian walk way)
- E. **Show All Dimensions** of street widths (curb to curb), lane widths, sidewalk widths, and work area dimension.
(Note: Traffic Control Application / Plans missing the above information will not be accepted or processed.)
- F. **Show the Name and Locations** of all advanced warning devices, flaggers, delineators, warning and construction signs to be used.

RENEWAL PROCESS: Resubmit a completed Traffic Control Application with the old approved plan (with the necessary modifications / changes to the plans).

FOR HELP in preparing a traffic control plan, see Temporary Traffic Control Pocket Reference Guide 2007, Work Area Traffic Control Handbook 2006, or the California Manual on Uniform Traffic Control (MUTCD) 2003, Chapter 6.
http://www.dot.ca.gov/hq/traffops/sigantech/mutcdsupp/ca_mutcd.htm
For City website: <http://www.oaklandpw.com/Page548.aspx>

* Name the streets that are the boundaries of your work area.

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name:
 Project Number: TSD-15-0095
 Reviewed By: JWatson *[Signature]*
 Date: 5/29/2015
 Permit good from 6/5/2015
 and 6/5/2015

ADD NEW SUBSECTION TO READ:
SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2006 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area Traffic Control Handbook or Manual on Uniform Traffic Control Devices (MUTCD), Chapter 6 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.
 at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained. The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
9 th Avenue between E 11 th Street and E 10 th Avenue	Mon. - Fri. 9am – 4pm	N/A	N/A	Sidewalk Closure	Sidewalk Closure

The Contractor Shall Also include all check item:

1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3. Provide advance notice to Oakland Police at (510) 777-3333 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
4. Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
5. For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
6. Flagger control is required. Certified Flagger is required.
7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
8. Pedestrian traffic shall be maintained and guided through the project at all times.
9. Provide advance notice to Business and Residence within 72-hours.
10. Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

Manual on Uniform Traffic Control Devices (MUTCD)

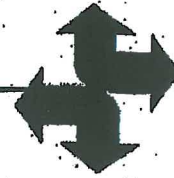
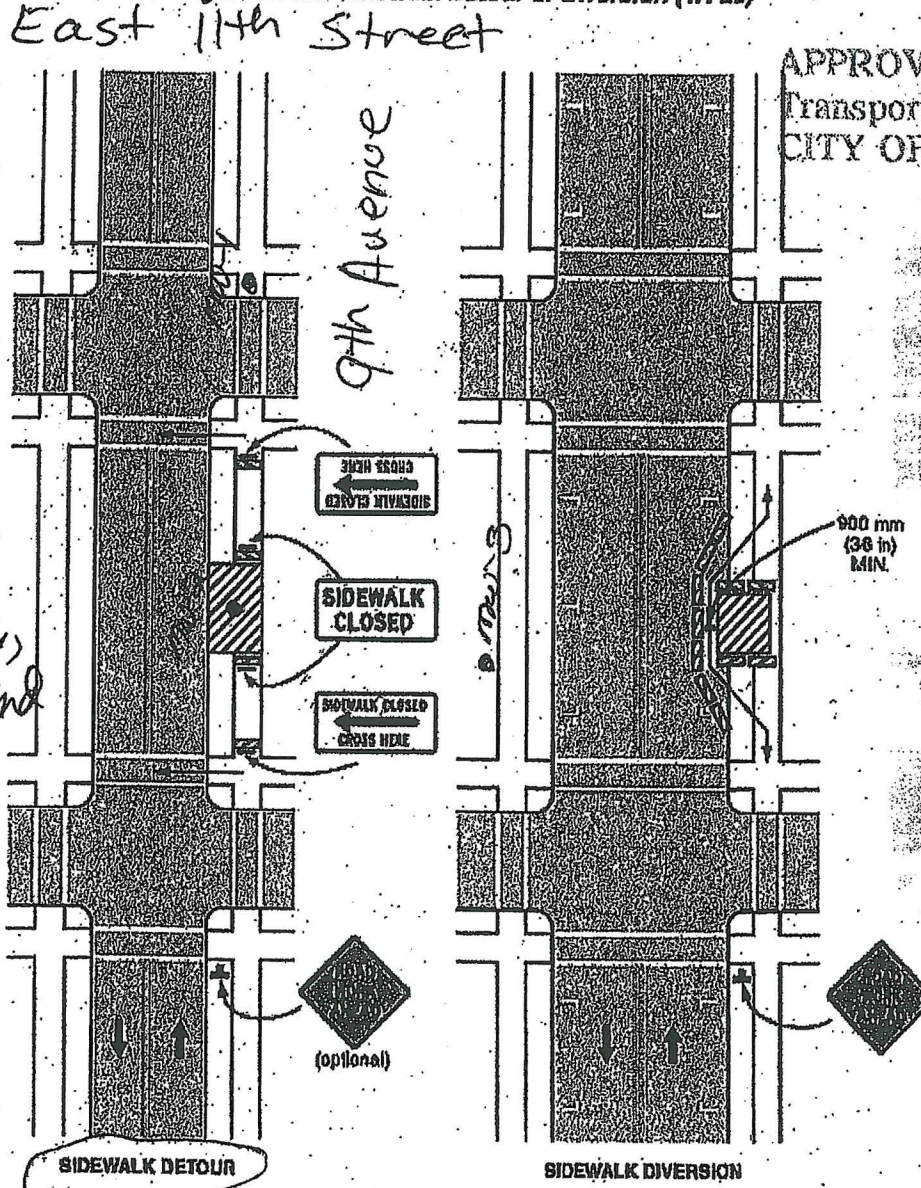


Figure 6H-28. Sidewalk Detour or Diversion (TA-28)

APPROVED: *[Signature]*
Transportation Services Division
CITY OF OAKLAND

Knowledge

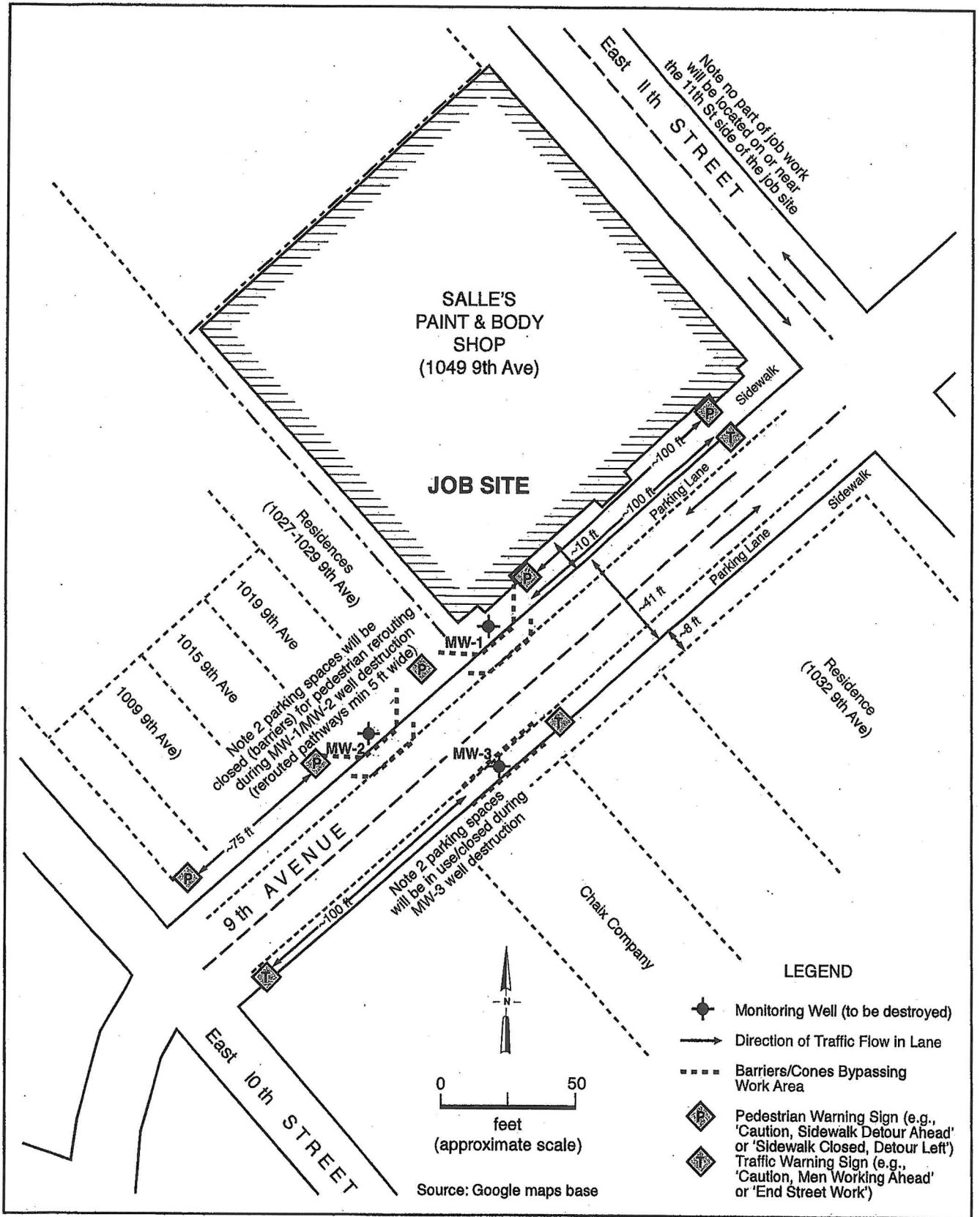


East 10th St. Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Figure 6H-28. Sidewalk Detour or Diversion (TA-28)

This figure illustrates two examples of a sidewalk detour or diversion. A legend under the figure states that this is Typical Application 28. A note states "Note: See Tables 6H-2 and 6H-3 for the meaning of the



EDD CLARK & ASSOCIATES, INC.
 ENVIRONMENTAL CONSULTANTS

TRAFFIC CONTROL PLAN
 for Streetside Monitoring Wells Destruction
 1049 9th Avenue
 Oakland, California

FIGURE
 2

JOB NUMBER	0459,001.03	REVIEWED BY	EC&A, Kevin Coker	DATE	April 2015	REVISED DATE		PAGE	1	OF	1
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TRACE #1383, 05 May '15

Attachment D

DWR Well Completion Reports

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

BORING LOCATION		1049 9th Avenue, Oakland, CA		ELEVATION/DATUM TOC 18.76 ft		BORING NO. MW-1	
DRILLING AGENCY		Gregg Drilling		DRILLER		Rich	
DRILLING EQUIPMENT		Rhino D-15		DATE STARTED DATE FINISHED		08 Sep 00 → 08 Sep 00	
DRILLING METHOD		Hollow Stem Auger		COMPLETION DEPTH		20.0 ft	
DRILLING METHOD		Hollow Stem Auger		DRILL BIT		8 inches	
SIZE AND TYPE OF CASING		2.0 inch PVC		NO. OF SAMPLES		DIST 4	
TYPE OF PERFORATION:		0.01 inch Slotted		WATER LEVEL		FIRST 11.0 ft	
SIZE AND TYPE OF PACK		RMC #2/12 Sand		FROM 20.0 ft TO 0.2 ft		COLLECTED / MEASURED	
TYPE OF SEAL		NO. 1 Bentonite		FROM 20.0 ft TO 3.5 ft		None	
TYPE OF SEAL		NO. 2 Portland Cement		FROM 20.0 ft TO 4.0 ft		CORE BARREL 2.0 inches	
TYPE OF SEAL		NO. 1 Bentonite		FROM 4.0 ft TO 3.0 ft		LENGTH 18 inches	
TYPE OF SEAL		NO. 2 Portland Cement		FROM 3.0 ft TO 0.2 ft		LOGGED BY: R. Ely	
						CHECKED BY:	
						COMMENTS:	

DEPTH (feet)	SAMPLES	RUN	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
			Concrete Sidewalk.		Lock Box
			Sandy Clay – 2 to 3 inch transitional, dark gray-brown.		Grout
			SANDY CLAY (CL) – native soil, strong brown (7.3YR 5/6).	CL	Bentonite
5	1		∇ Color change to dark brown (7.5YR 4.4), dry to moist, stiff.		
			∇ Color change to grayish-green (10GY 5/2), dry, hard.		
10	2				0.010 Well Screen
			SAND (SP), grayish-green (5G 4-5/2), wet, dense, well-sorted medium-grained sand, subrounded to rounded quartz with trace mafics; faint product odor.	SP	Sand
15	3				
			SANDY SILT (ML), grayish-brown to grayish-green (10YR 5/2 to 10G 4/2) mottled brownish-yellow (10YR 6/6), damp, stiff, fine-grained sand with trace mica.	ML	
20	4				
			⊥ SAND (SP) – 6 inch thick bed at 18.7-19.2 ft, olive-gray, damp, loose, well-sorted medium-grained sand (same as at 11 ft).		
			TD: 20.0 ft bgs		

TRACE 235 **Harris & Lee** Environmental Sciences

REVIEWED BY:	Richard Ely	DATE:	September 2000	FIELD LOG OF BORING NO.	MW-1	SHEET NO.	1 OF 1
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CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

BORING LOCATION		1049 9th Avenue, Oakland, CA		ELEVATION/DATUM TOC 17.77 ft		BORING NO. MW-2	
DRILLING AGENCY		Gregg Drilling		DRILLER Rich		DATE STARTED 08 Sep 00 → 08 Sep 00	
DRILLING EQUIPMENT		Rhino D-15		COMPLETION DEPTH 20.0 ft		SAMPLER Push	
DRILLING METHOD		Hollow Stem Auger		DRILL BIT 8 inches		NO. OF SAMPLES DIST 4	
SIZE AND TYPE OF CASING		2.0 inch PVC		FROM 20.0 ft TO 0.2 ft		WATER LEVEL FIRST None	
TYPE OF PERFORATION:		0.01 inch Slotted		FROM 20.0 ft TO 5.0 ft		COLLECTED/MEASURED None	
SIZE AND TYPE OF PACK		RMC #2/12 Sand		FROM 20.0 ft TO 4.0 ft		CORE BARREL 2.0 inches	
TYPE OF SEAL		NO. 1 Bentonite		FROM 4.0 ft TO 3.0 ft		LOGGED BY: R. Ely	
		NO. 2 Portland Cement		FROM 3.0 ft TO 0.2 ft		CHECKED BY:	
COMMENTS:							

DEPTH (feet)	SAMPLES	RUN	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
			Concrete Sidewalk.		Lock Box
5	1		SANDY CLAY (CL), brown (7.5YR 5/6) to dark brown (2.5YR 3/2), dry, stiff, medium- to coarse-grained sand of subangular to subrounded quartz with trace lithics.	CL	2" PVC Grout Bentonite
10	2		CLAYEY GRAVELLY SAND (SC), grayish-brown (2.3Y-5/2), moist, dense, poorly-sorted medium- to very coarse-grained sand, subangular to rounded mostly quartz with trace mafics and black chert (?), subrounded pebbles to 1 cm long of red and black chert.	SC	0.010 Well Screen Sand
15	3		CLAYEY SILT (ML), light brownish-green (10YR 6/2) mottled yellowish-brown (10YR 5/4), moist, stiff, trace mica.	ML	
20	4		SILTY SAND (SP), light brownish-gray (2.5Y 6/3) to olive yellow (2.5Y 6/6), moist, dense, well-sorted fine-grained sand.	SP	
			TD: 20.0 ft bgs		

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

BORING LOCATION		1049 9th Avenue, Oakland, CA		ELEVATION/DATUM TOC 18.02 ft		BORING NO. MW-3	
DRILLING AGENCY		Gregg Drilling		DRILLER Rich		DATE STARTED DATE FINISHED 08 Sep 00 → 08 Sep 00	
DRILLING EQUIPMENT		Rhino D-15		COMPLETION DEPTH 20.0 ft		SAMPLER Push	
DRILLING METHOD		Hollow Stem Auger		DRILL BIT 8 inches		NO. OF SAMPLES DIST 4	
SIZE AND TYPE OF CASING		2.0 inch PVC		FROM 20.0 ft TO 0.2 ft		WATER LEVEL FIRST None	
TYPE OF PERFORATION:		0.01 inch Slotted		FROM 20.0 ft TO 5.0 ft		CORE BARREL 2.0 inches	
SIZE AND TYPE OF PACK		RMC #2/12 Sand		FROM 20.0 ft TO 4.0 ft		LOGGED BY: R. Ely	
TYPE OF SEAL		NO. 1 Bentonite		FROM 4.0 ft TO 3.0 ft		CHECKED BY:	
		NO. 2 Portland Cement		FROM 3.0 ft TO 0.2 ft		COMMENTS:	

DEPTH (feet)	SAMPLES RUN	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
0 - 2.0		Asphalt.		
2.0 - 5.0	1	Road Gravel.		
5.0 - 10.0		SANDY CLAY (CL), light olive gray (5Y 6/2), dry to damp, stiff, well-sorted fine-grained sand.	CL	
10.0 - 15.0	2	Same as above.		
15.0 - 20.0	3	SAND (SP), brown to dark brown (10YR 3-5/3), moist, loose, well-sorted fine- to medium-grained sand, subangular to subrounded mostly quartz with trace mafics; trace quartz and chert pebbles to 4 mm long.	SP	
20.0 - 22.0	4	CLAYEY SAND and SANDY CLAY (SC/CL), light brownish-gray (10YR 6/2) mottled yellowish-brown (10YR 5/4-6), well-sorted fine-grained sand.	SC/CL	
22.0 - 24.0		Same as above, except moderate-sorted fine- to medium-grained sand with trace coarse sand.		
		TD: 20.0 ft bgs		

TRACE 235 **Harris & Lee** Environmental Sciences

REVIEWED BY: Richard Ely	DATE: September 2000	FIELD LOG OF BORING NO. MW-3	SHEET NO. 1 OF 1
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