



Neil and Mary Cotter and John and Antoinette
Coyle

Well Destruction Report

**Former Grove Street Wash Rack Site
Global Identification: T0600102106
3884 Martin Luther King Jr. Way
Oakland, California**

8 June 2018

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The Business of Sustainability

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Former Grove Street Wash Rack Site
Global Identification: T0600102106
3884 Martin Luther King Jr. Way
Oakland, California

8 June 2018

Project No. 0307273



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1.0 INTRODUCTION

On behalf of Neil and Mary Cotter and John and Antoinette Coyle, ERM-West, Inc. (ERM) has prepared this *Well Destruction Report* for the former Grove Street Wash Rack site located in Oakland, California. The scope of work included the destruction of eight monitoring wells and three soil vapor wells. Well destruction activities were performed by ERM at the Clients' request in order to satisfy the Alameda County Department of Environmental Health (ACDEH) Request for Well Destruction from the ACDEH directive letter dated 5 April 2018, and ACDEH and San Francisco Bay Regional Water Quality Control Board (RWQCB) site closure requirements.

The following sections summarize the well destruction activities and waste disposal procedure for investigation-derived waste. Figures are provided following the main text. Well construction logs, agency correspondence, permits, and waste manifests are provided in Appendices A, B, C, and D, respectively.

1.1 REGULATORY FRAMEWORK

The ACDEH Local Oversight Program administers the case (Case No. RO0000027) on behalf of the San Francisco Bay Regional Water Quality Control Board (Case No. 01-2290). The site is under the State Water Resources Control Board Underground Storage Tank Closure Fund Program (Claim No. 13712).

The site was investigated under the Department of Toxic Substances Control (DTSC) Brownfields Program in 2004 to assist with the redevelopment of the property; however, the DTSC does not have an open case for the site.

1.2 SITE LOCATION

The site is located at 3884 Martin Luther King Jr. Way in Oakland, Alameda County, California (Figure 1) and is identified by the Alameda County Assessor's Office as Assessor's Parcel Number 012-0968-31. The site is currently zoned S-15 – Transit Oriented and is located in a mixed commercial and residential zoned area adjacent to Highway 24. The site occupies approximately 10,250 square feet. The adjoining properties

include commercial and residential properties and public streets and the Highway 24 right-of-way. The surface water body nearest to the site is the San Francisco Bay, located approximately 1.4 miles west of the site. Groundwater beneath the site is interpreted to generally flow to the west, towards the San Francisco Bay subject to periodic and localized fluctuation.

1.3 *SITE HISTORY*

The site is the location of the former Grove Street Wash Rack and Lucky's Auto. Historical site use consisted of a gas station and an auto body shop. Three former underground storage tanks shown on Figure 2 were removed from the site on 5 January 1995.

No operations are currently conducted at the site. The former site buildings were removed and only concrete pads, and paved and unpaved areas remain on the site. The site is surrounded by a chain-link fence and currently used for automobile parking.

Additional site history, including previous environmental investigations, can be found in the *2013 Feasibility Study/Corrective Action Plan* (URS, October 2013).

2.0

WELL DESTRUCTION ACTIVITIES

From 19 through 20 April 2018, Penecore Drilling, Inc., A C-57-licensed contractor (License No. 906899), decommissioned monitoring wells MW-1 through MW-8, and soil vapor wells SV-1A, SV-2A and SV-4A, as described below. Monitoring wells MW-1, MW-6, MW-7 and MW-8, located within the sidewalk of Martin Luther King Jr. Way, required a traffic control plan approved through the City of Oakland Transportation Services Division. Traffic control measures were implemented by Bay Area Traffic Solutions Inc. on 20 April 2018 during removal of the wells located in the public right-of-way.

2.1

PRE-FIELD ACTIVITIES

Prior to performing well destruction activities, ERM obtained well destruction permits W2018-0283 through W2018-0291 from the Alameda County Public Works Agency (ACPWA). An encroachment permit (Permit No. ENMI18097), excavation permit (Permit No. X1800481), and parking obstruction permit (Permit No. OB1800664) were obtained from the City of Oakland Department of Public Works. A traffic control plan was obtained from the City of Oakland Transportation Services Division (Utility Co. Job # 18-0123), in order to perform well destruction activities in the public right-of-way. Copies of county and city permits are included in Appendix C.

Locations proposed for decommissioning were marked in the field prior to initiating the fieldwork. Underground Services Alert North, a notification service for marking underground utilities on public rights-of-way, was notified at least 72 hours prior to initiating the decommissioning work. As a further precaution, ERM contracted Ground Penetrating Radar Systems, Inc., a private utility locator, to mark subsurface utilities and structures potentially in conflict with the proposed scope of work.

A project-specific *Health and Safety Plan* that covered well decommissioning activities was prepared prior to implementing the field activities. ERM performed a daily safety tailgate meeting to protect site workers during well decommissioning activities. The *Health and Safety Plan* was kept on-site in an accessible location and contains a signature log of all on-site workers and visitors.

2.2

OVER-DRILL METHODOLOGY

All monitoring wells were originally constructed of 2-inch-diameter polyvinyl chloride casing to a depth of 20 feet below ground surface as described in the well construction logs provided in Appendix A. The wells were decommissioned on 19 and 20 April 2018 via pressure-grouting and over-drilling by Penecore Drilling, Inc., a C-57-licensed drilling contractor, under the supervision of an ACPWA Inspector.

Monitoring wells MW-2, MW-3, MW-4, and MW-5 were decommissioned via pressure grouting. Each well casing was pressure grouted at 25 pounds per square inch for 5 minutes. After pressure grouting, the aboveground well monuments were removed, the upper 5 feet of the wells were over-drilled using a hollow-stem auger, and the top 5 feet of casing and well materials were removed from the borehole. Each hole was then backfilled with a neat cement grout mixture. Surfaces were completed to match existing conditions.

The ACPWA Inspector waived the requirement to over-drill monitoring wells MW-1, MW-6, MW-7 and MW-8 due to their close proximity to several live utilities within the public right-of-way. After pressure grouting each well casing at 25 pounds per square inch for 5 minutes, the upper 1 foot of well casing was removed with a downhole cutter. Aboveground well monuments were removed, and the hole was then backfilled with a neat cement grout mixture. Surfaces were completed to match existing conditions.

Soil vapor monitoring points SV-1A, SV-2A and SV-4A were decommissioned by pulling the soil vapor probe and tubing, over-drilling the full well depth using a hollow-stem auger rig, and then backfilling the hole with a neat cement grout mixture to ground surface using a tremie pipe.

2.3

DEPARTMENT OF WATER RESOURCES WELL COMPLETION REPORTS

ERM completed and submitted the Well Completion Reports to the California Department of Water Resources after decommissioning. Copies of the final Well Completion Reports will be maintained by ERM and, upon request, made available for agency review.

2.4

WASTE DISPOSAL

All investigation-derived waste (IDW) generated during the field activities was placed in Department of Transportation-approved 55-gallon drums pending analysis prior to disposal. One composite sample of the waste was collected and analyzed for waste management purposes and was used in conjunction with investigation data to profile the waste. The IDW was characterized as non-hazardous waste based on the analytical results and the drums were removed by a licensed transporter for disposal. The waste disposal records are provided in Appendix D.

3.0

CLOSING

As requested by the ACDEH as a requirement for environmental case closure activities, all wells have been destroyed under ACPWA oversight and the waste properly disposed of. This task concludes the investigation activities requested by the ACDEH and prepares the site for agency case closure.

Figures

8/11/2017. 0307273.05 0307273.05 G:\DWG\0307273 Martin Luther King Jr Way\05\030727305-02.dwg

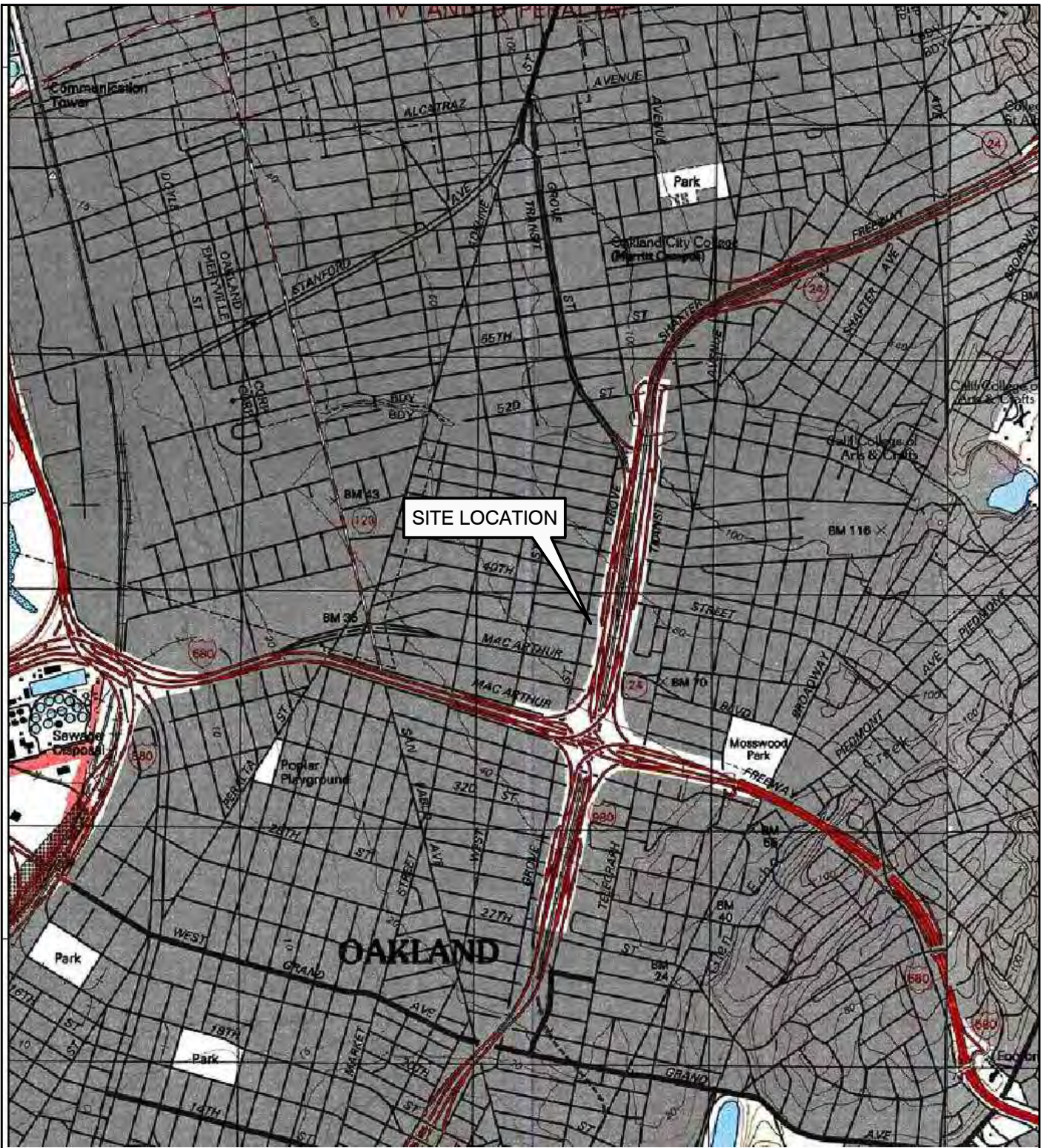
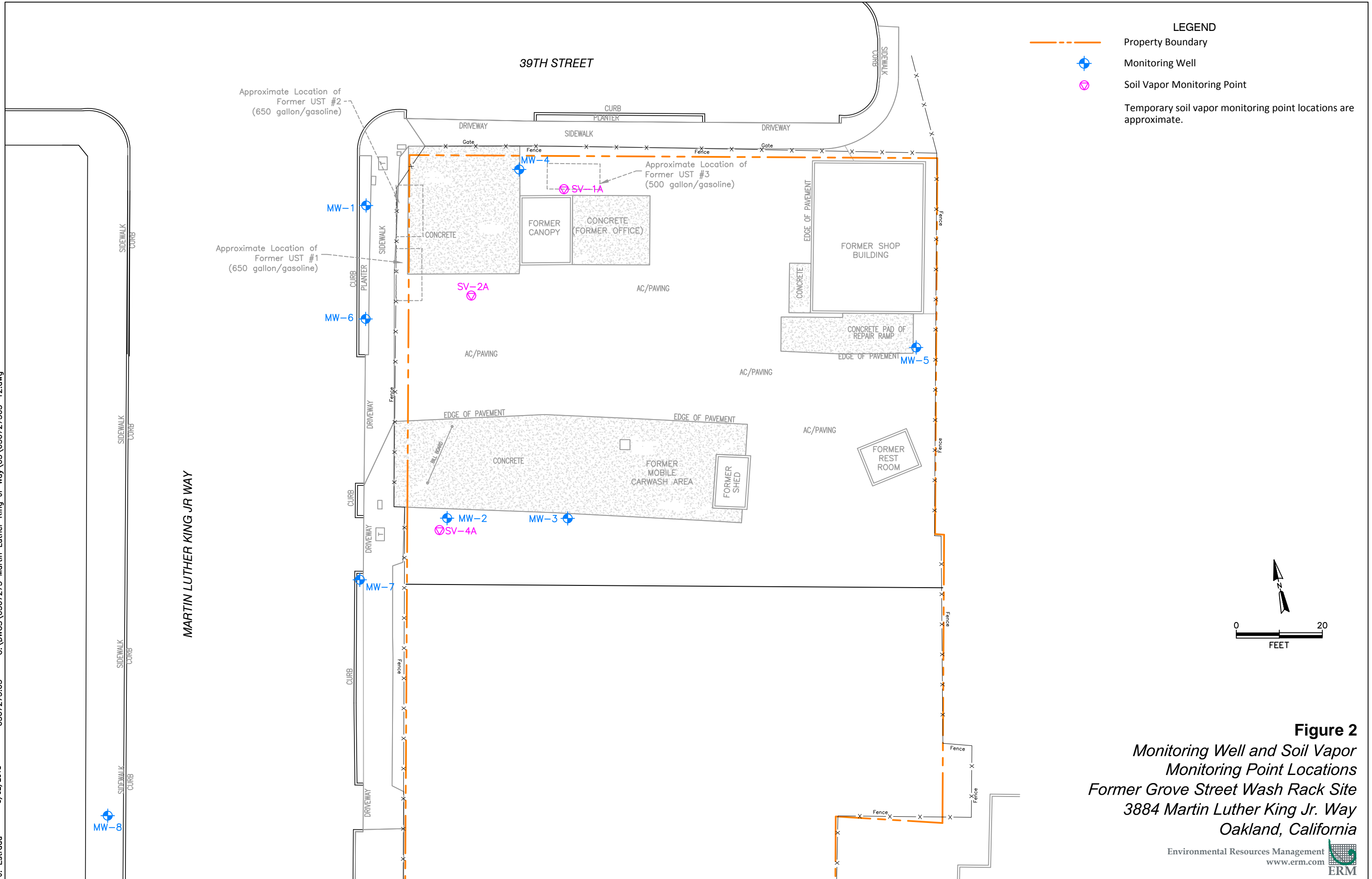


Figure 1
Site Location Map
Former Grove Street Wash Rack Site
3884 Martin Luther King Jr. Way
Oakland, California

References:
 U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle,
 Oakland West, California, 1993





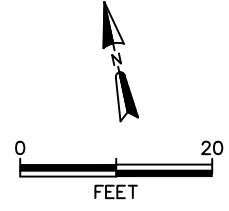
MARTIN LUTHER KING JR WAY

39TH STREET

Approximate Location of Former UST #2 (650 gallon/gasoline)

Approximate Location of Former UST #1 (650 gallon/gasoline)

Approximate Location of Former UST #3 (500 gallon/gasoline)



MW-8

MW-1

MW-6

SV-2A

MW-2

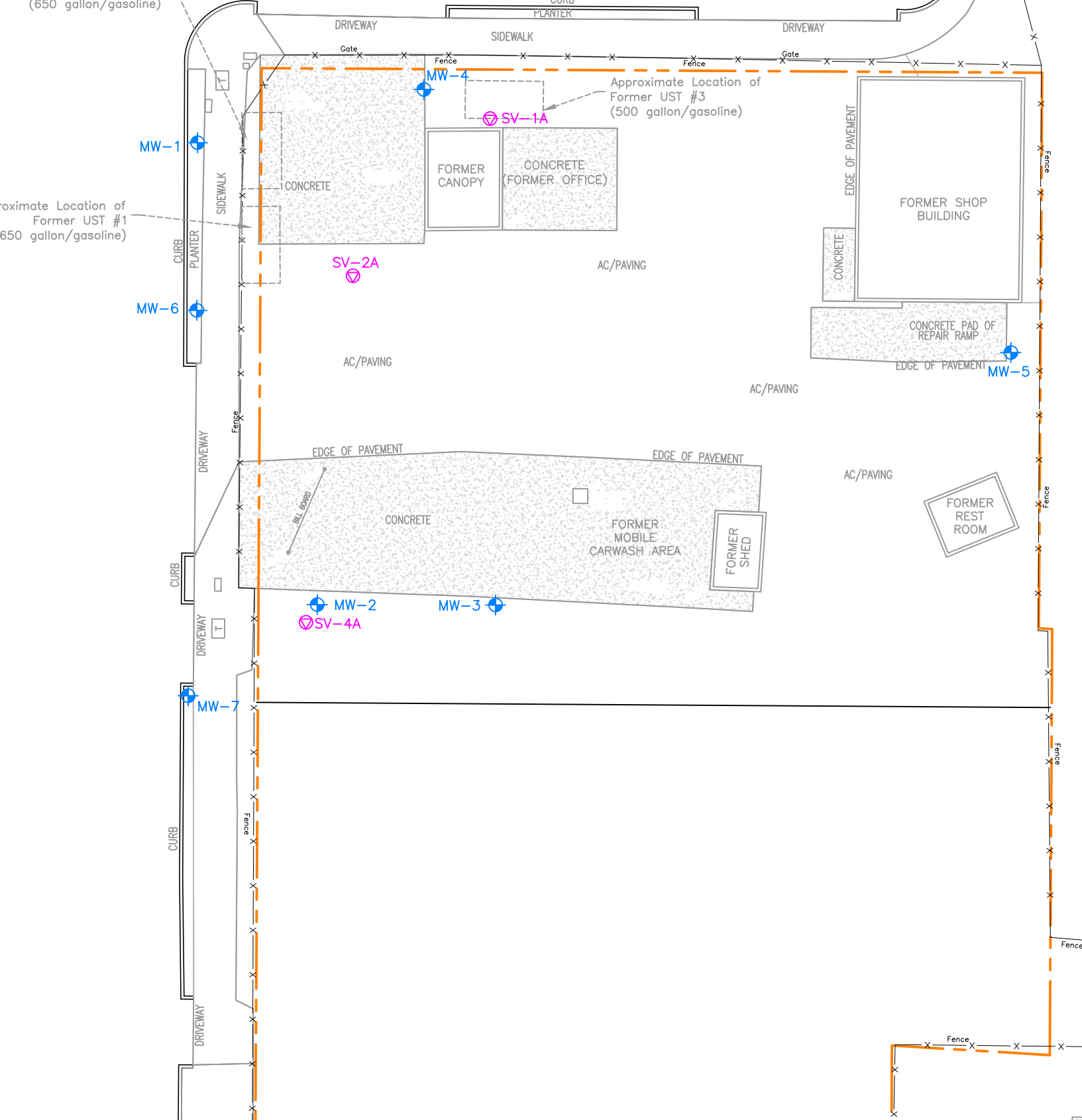
SV-4A

MW-3

MW-4

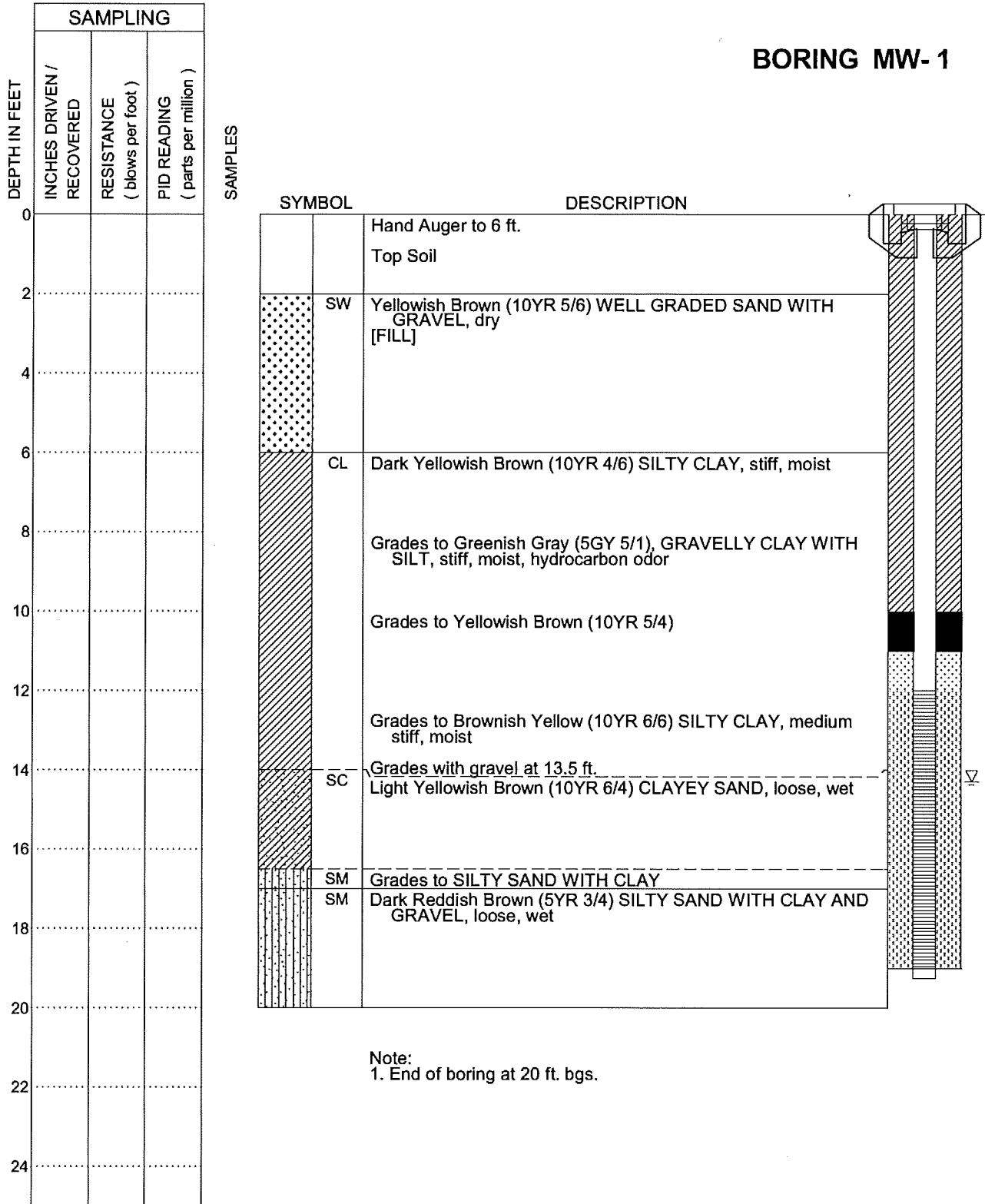
SV-1A

MW-5



Appendix A
Well Construction Logs

BORING MW-1

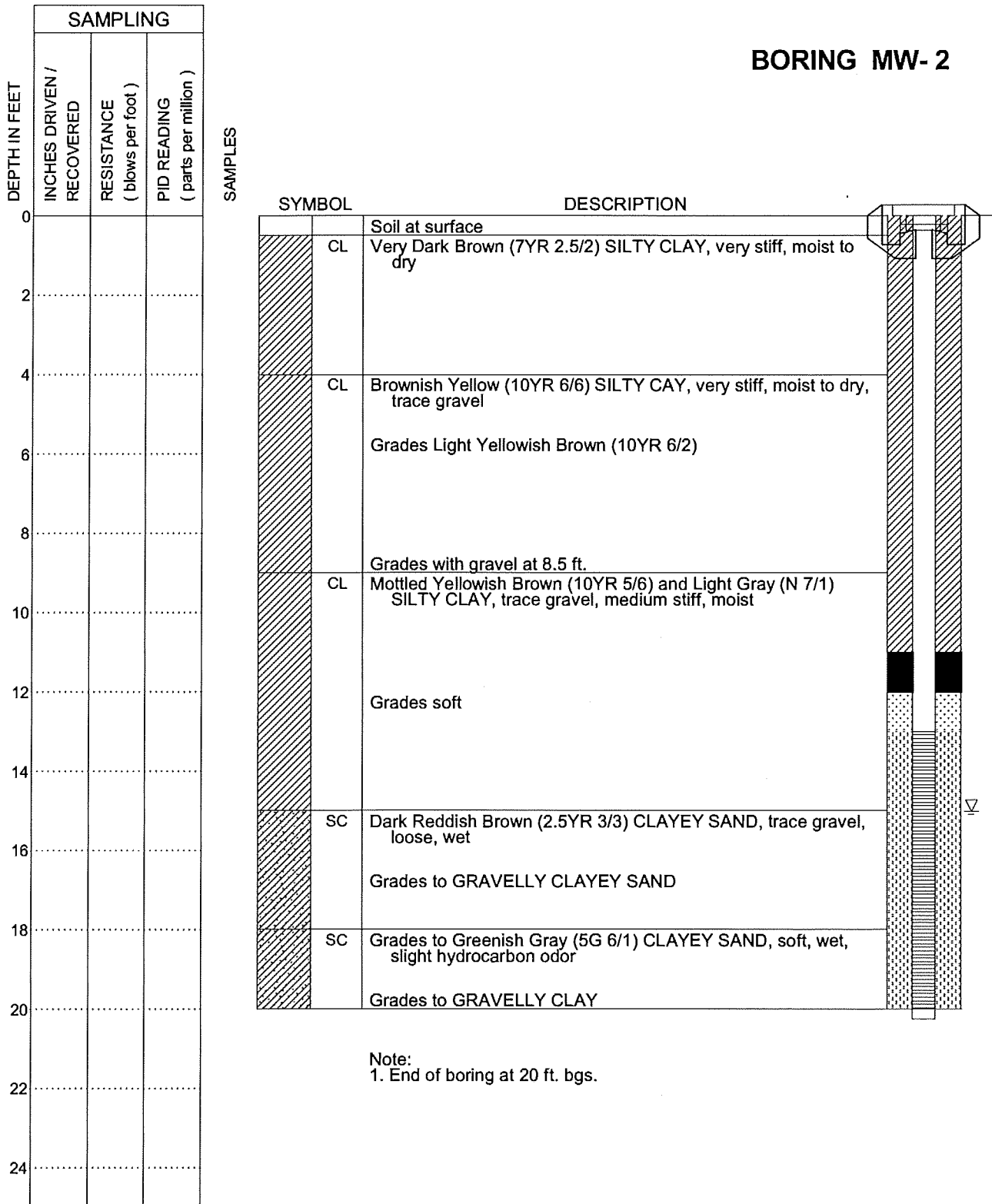


Note:
1. End of boring at 20 ft. bgs.

09/13/13 hk T:\Gint\Project\3884_mlk_mws_modified.mxd

Job No: 28068161 Pt. ID: 3884_MLK_JUL13.GPJ	URS	3884 MLK	Log of Boring
Date Completed: 7/11/13 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Screened Interval: - ft.	Location: Oakland, CA
Top of Casing Elev: ft. Casing Depth: ft.	Casing Type: Casing Diam: in.	Slot Size: in. Sand Pack:	

BORING MW-2

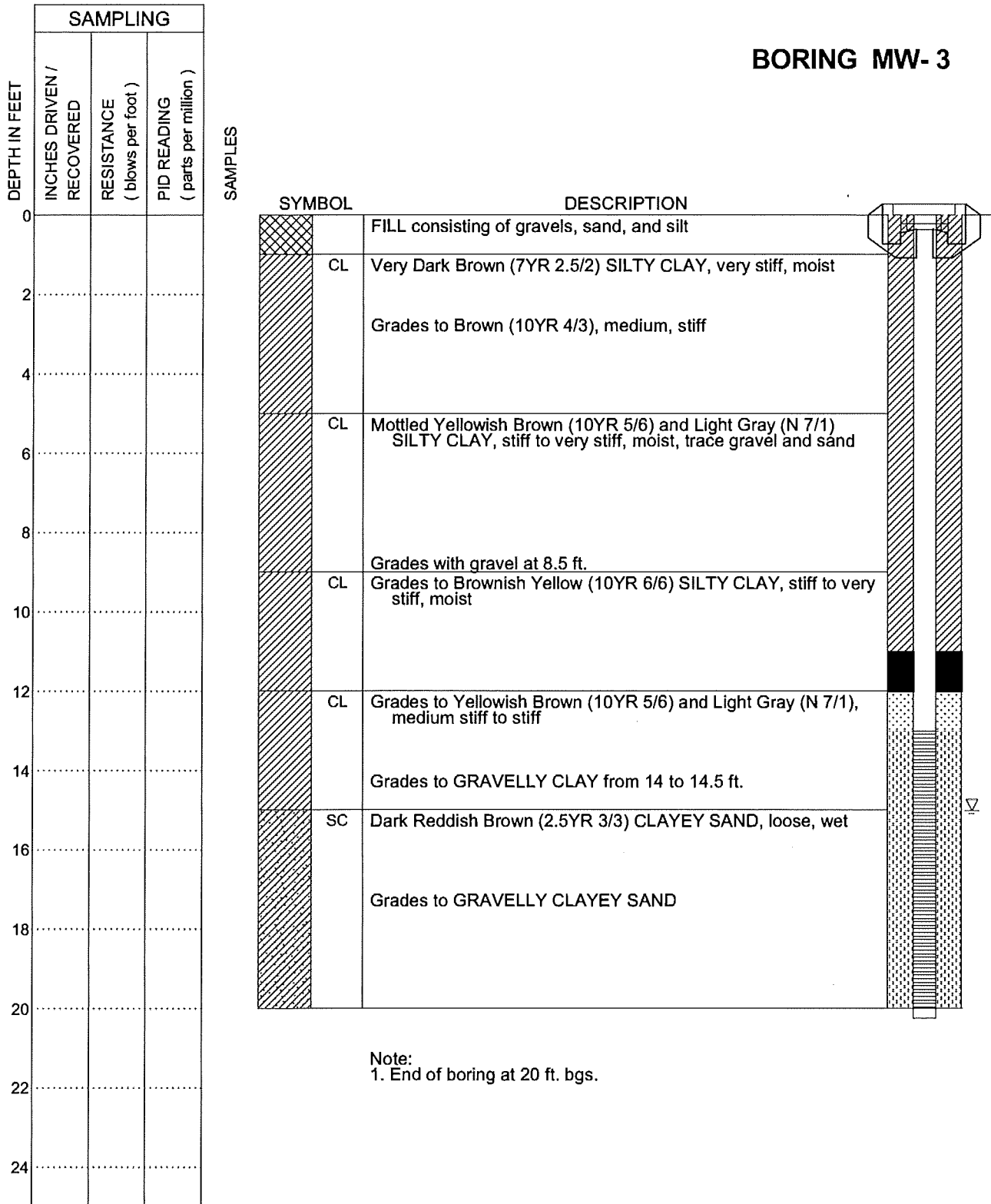


Note:
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Date Completed: 7/11/13 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Location: Oakland, CA	
Top of Casing Elev: ft. Casing Depth: ft.	Casing Type: Casing Diam: in.	Screened Interval: - ft.	Slot Size: in. Sand Pack:

BORING MW-3

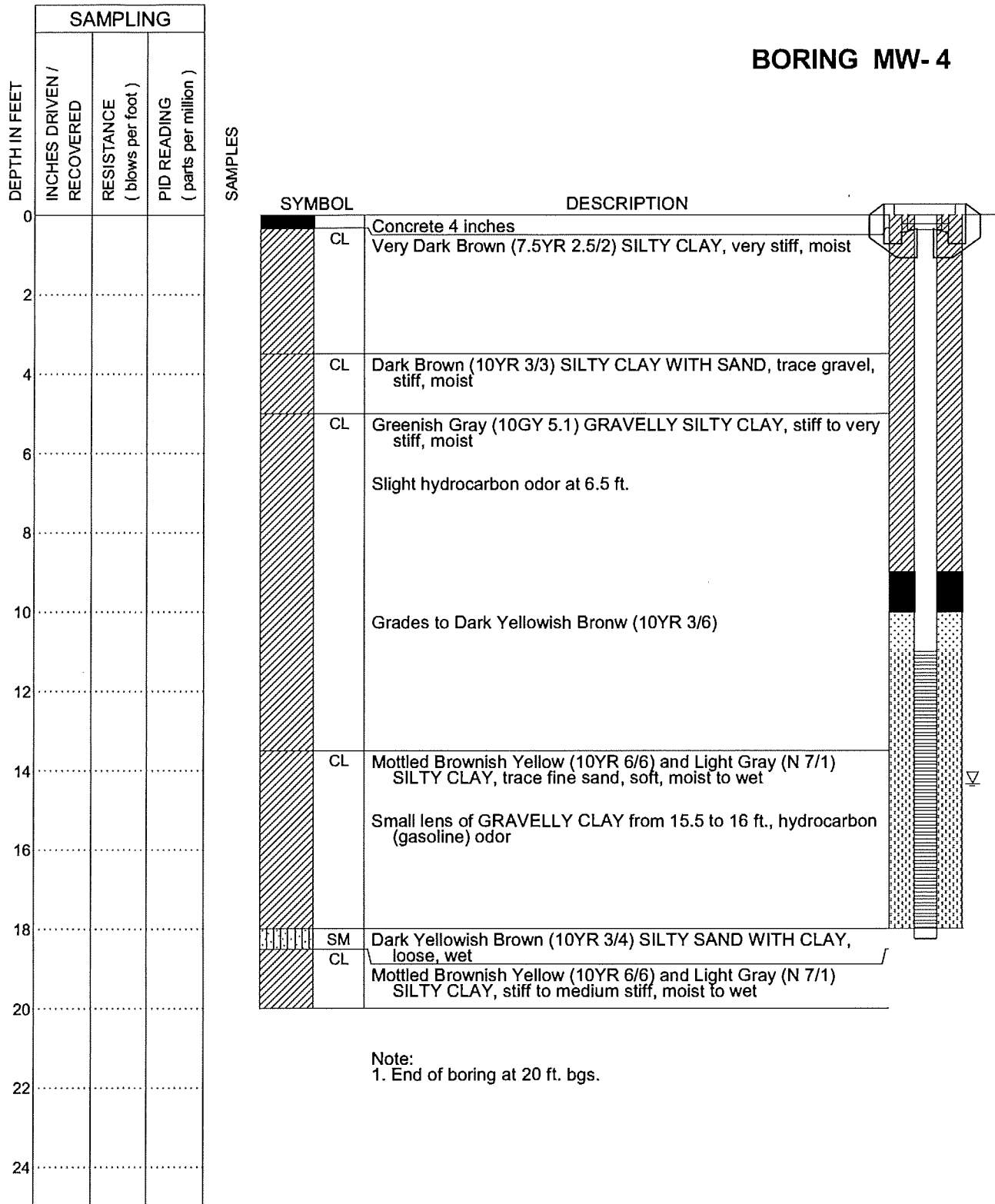


Note:
1. End of boring at 20 ft. bgs.

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Job No: 28068161 Pt. ID: 3884_MLK_JUL13.GPJ	URS	3884 MLK	Log of Boring
Date Completed: 7/11/13 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Screened Interval: - ft.	Location: Oakland, CA
Top of Casing Elev: ft. Casing Depth: ft.	Casing Type: Casing Diam: in.	Slot Size: in. Sand Pack:	

BORING MW-4



Note:
1. End of boring at 20 ft. bgs.

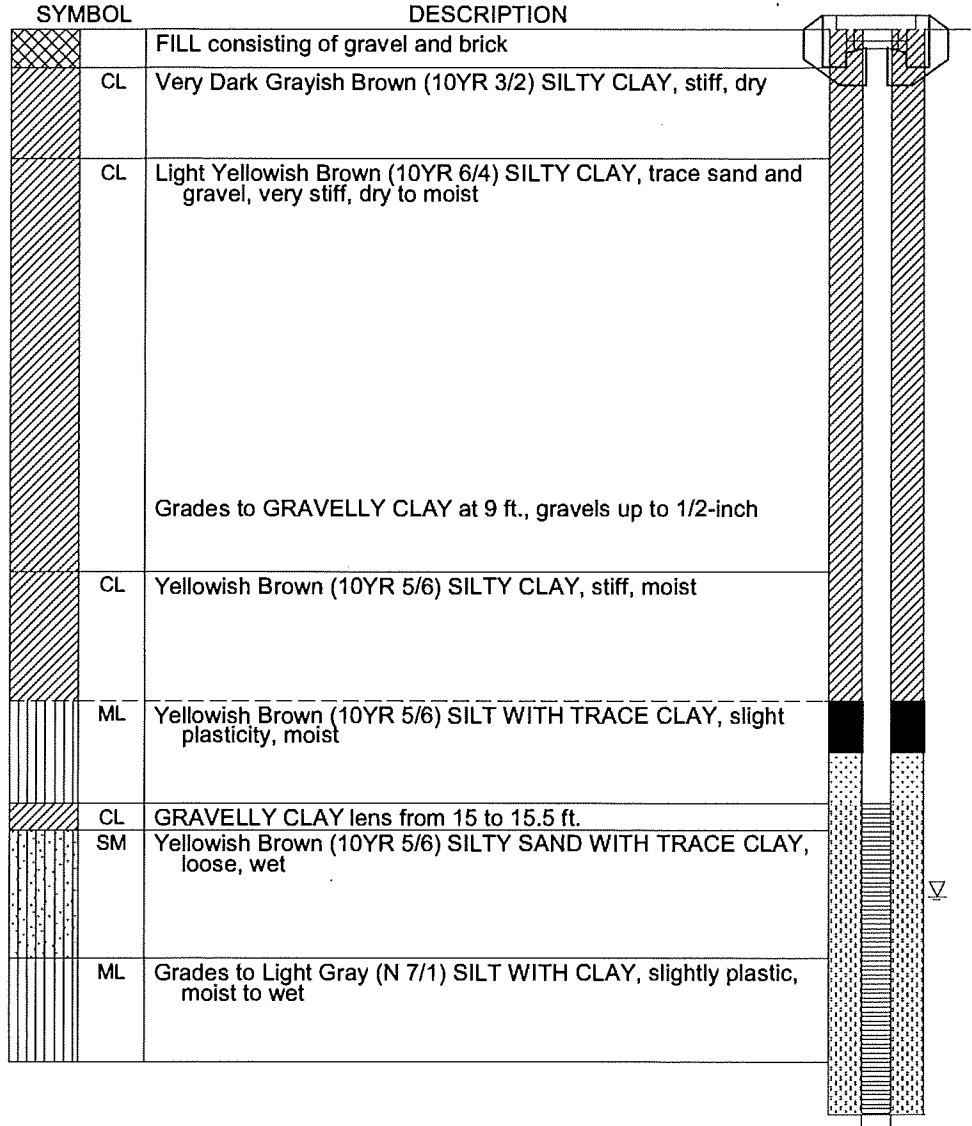
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Job No: 28068161 Pt. ID: 3884_MLK_JUL13.GPJ	URS	3884 MLK	Log of Boring
Date Completed: 7/10/13 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology		Location: Oakland, CA
Top of Casing Elev: ft. Casing Depth: ft.	Casing Type: Casing Diam: in.	Screened Interval: - ft.	Slot Size: in. Sand Pack:

BORING MW-5

SAMPLING			
DEPTH IN FEET	INCHES DRIVEN / RECOVERED	RESISTANCE (blows per foot)	PID READING (parts per million)
0			
2			
4			
6			
8			
10			
12			
14			
16			
18			
20			
22			
24			

SAMPLES



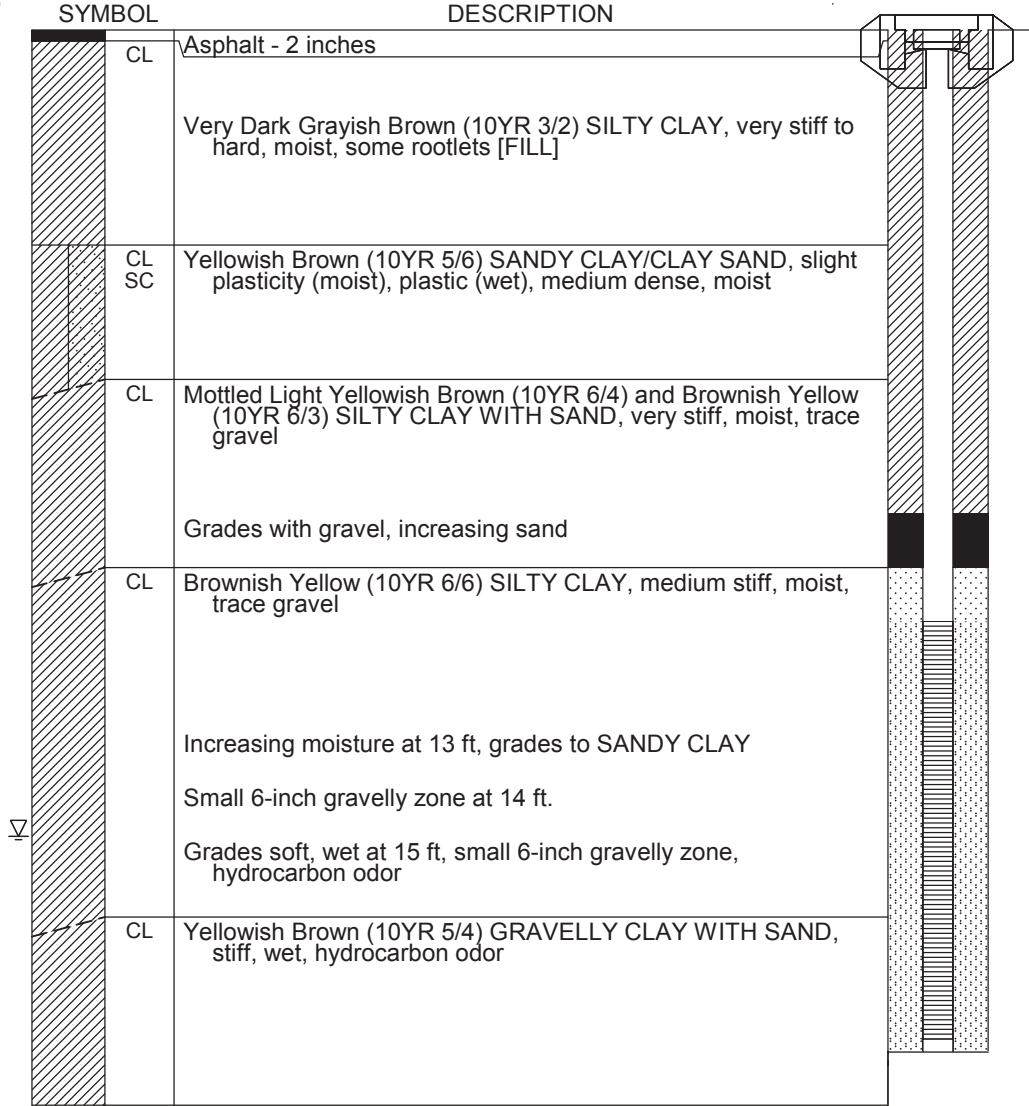
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Date Completed: 7/10/13 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Screened Interval: - ft.	Location: Oakland, CA
Top of Casing Elev: ft. Casing Depth: ft.	Casing Type: Casing Diam: in.	Slot Size: in. Sand Pack:	

BORING MW-6

SAMPLING			
DEPTH IN FEET	INCHES DRIVEN / RECOVERED	RESISTANCE (blows per foot)	PID READING (parts per million)
0			
2			
4			
6	48/48		
8			
10	48/48		
12			
14	42/42		
16			9
18	42/42		
20			30
			2
22			
24			

SAMPLES



Note:
1. End of boring at 20 ft. bgs.

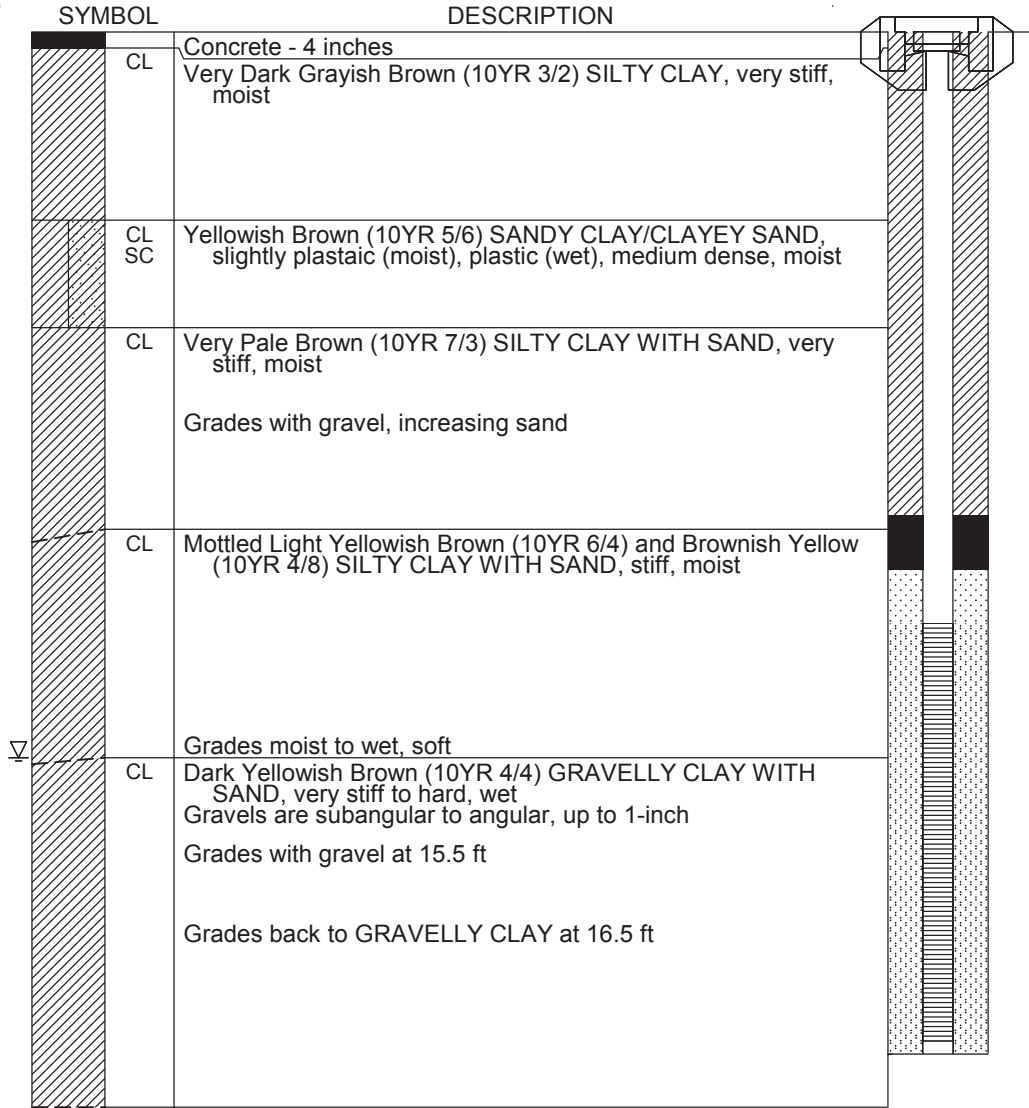
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Job No: 28068161 Pt. ID: 3884_MLK_JUL13.GPJ	URS	3884 MLK	Log of Boring
Date Completed: 9/4/14 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Location: Oakland, CA	
Top of Casing Elev: ft. Casing Depth: 19.0 ft.	Casing Type: 40 PVC Casing Diam: 2.0 in.	Screened Interval: 11-19 ft.	Slot Size: 0.010 in. Sand Pack: 2/12

BORING MW-7

SAMPLING			
DEPTH IN FEET	INCHES DRIVEN / RECOVERED	RESISTANCE (blows per foot)	PID READING (parts per million)
0			
2			
4			
6	48/48		
8			
10	48/48		
12			
14	42/42		
16			
18			
20			
22			
24			

SAMPLES



Note:
1. End of boring at 20 ft. bgs.

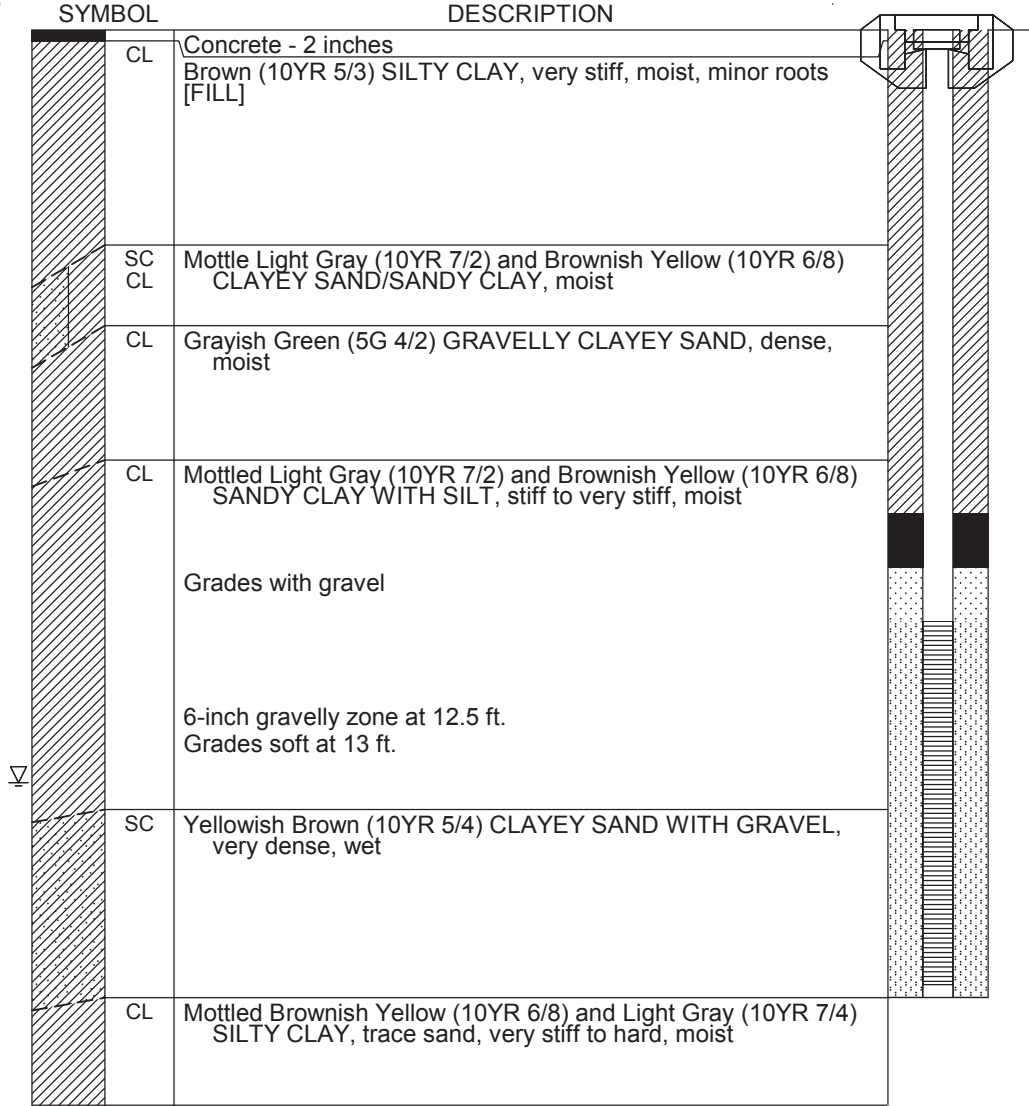
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Date Completed: 9/4/14 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Location: Oakland, CA	
Top of Casing Elev: ft. Casing Depth: 19.0 ft.	Casing Type: 40 PVC Casing Diam: 2.0 in.	Screened Interval: 11-19 ft.	Slot Size: 0.010 in. Sand Pack: 2/12

BORING MW-8

SAMPLING			
DEPTH IN FEET	INCHES DRIVEN / RECOVERED	RESISTANCE (blows per foot)	PID READING (parts per million)
0			
2			
4			
6	48/48		
8			
10	48/43		
12			
14	42/38		
16	42/42		
18			
20			
22			
24			

SAMPLES



Note:
1. End of boring at 20 ft. bgs.

09/30/14 hk T:\Gint Project\3884_mlk_mws_modified.rnd

Job No: 28068161 Pt. ID: 3884_MLK_JUL13.GPJ	URS	3884 MLK	Log of Boring
Date Completed: 9/5/14 Boring Depth: 20 ft.	Driller: Vapor Tech Services Drilling Method: Direct Push Technology	Location: Oakland, CA	
Top of Casing Elev: ft. Casing Depth: 18.0 ft.	Casing Type: 40 PVC Casing Diam: 2.0 in.	Screened Interval: 11-18 ft.	Slot Size: 0.010 in. Sand Pack: 2/12



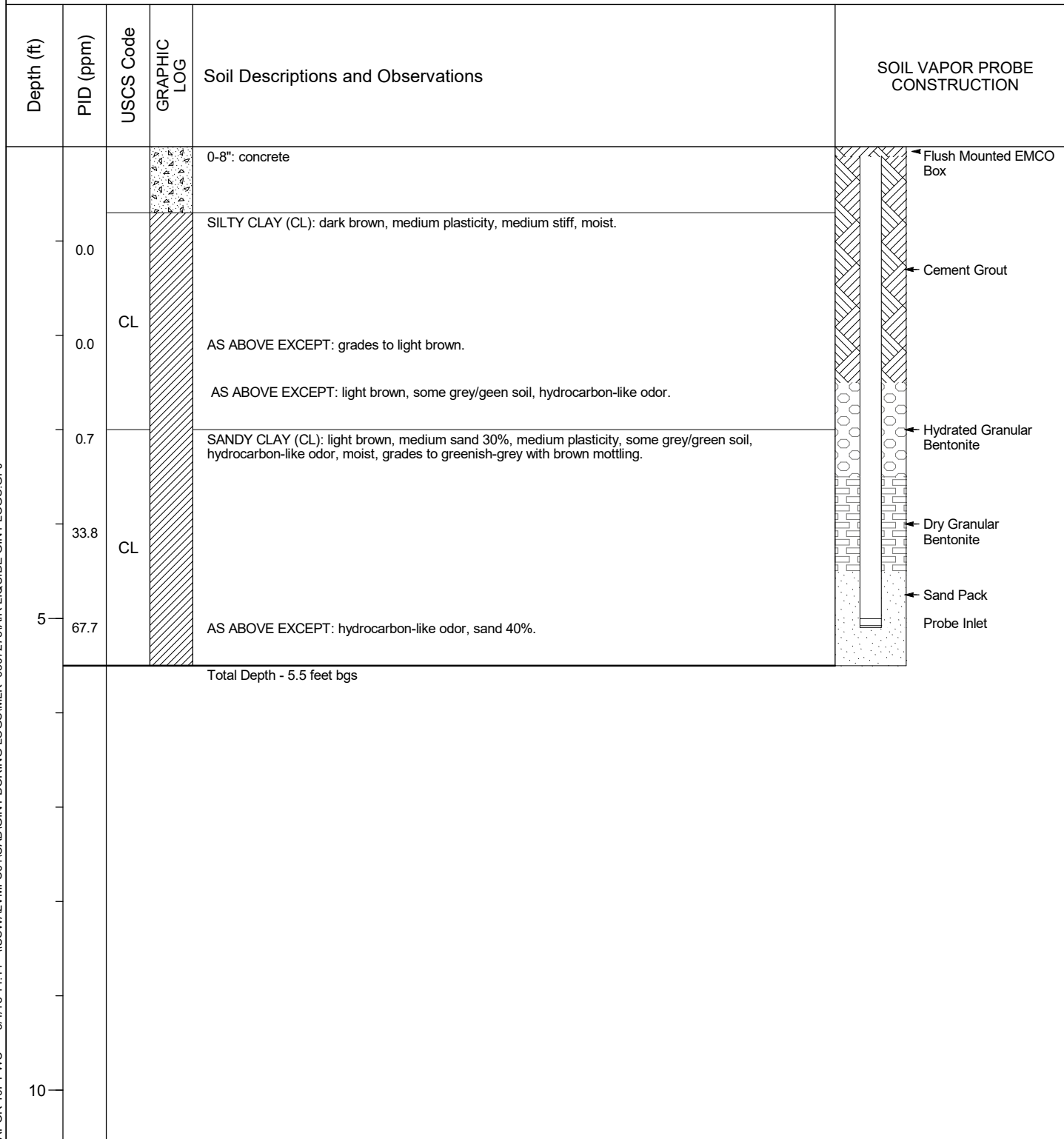
ERM

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

LOG OF SOIL VAPOR PROBE: SV-1A

Project Number: 0307273
Project Name: Former Grove Street Wash Rack Site
Location: Oakland, California
Contractor: Penecore
Drilling Method: Hand Auger
Logged By: S. Martin

Date Started: 7/11/2017
Date Completed: 7/11/2017
Total Depth: 5.5 feet
Borehole Diameter: 3.25"
Initial Water Level: NA
Notes:



SOIL VAPOR 10FT WC - - 5/4/18 14:44 - \\USWALYMF501\CAD\GINT BORING LOGS\MLK-0307273\AIR LIQUIDE GINT LOGS.GPJ

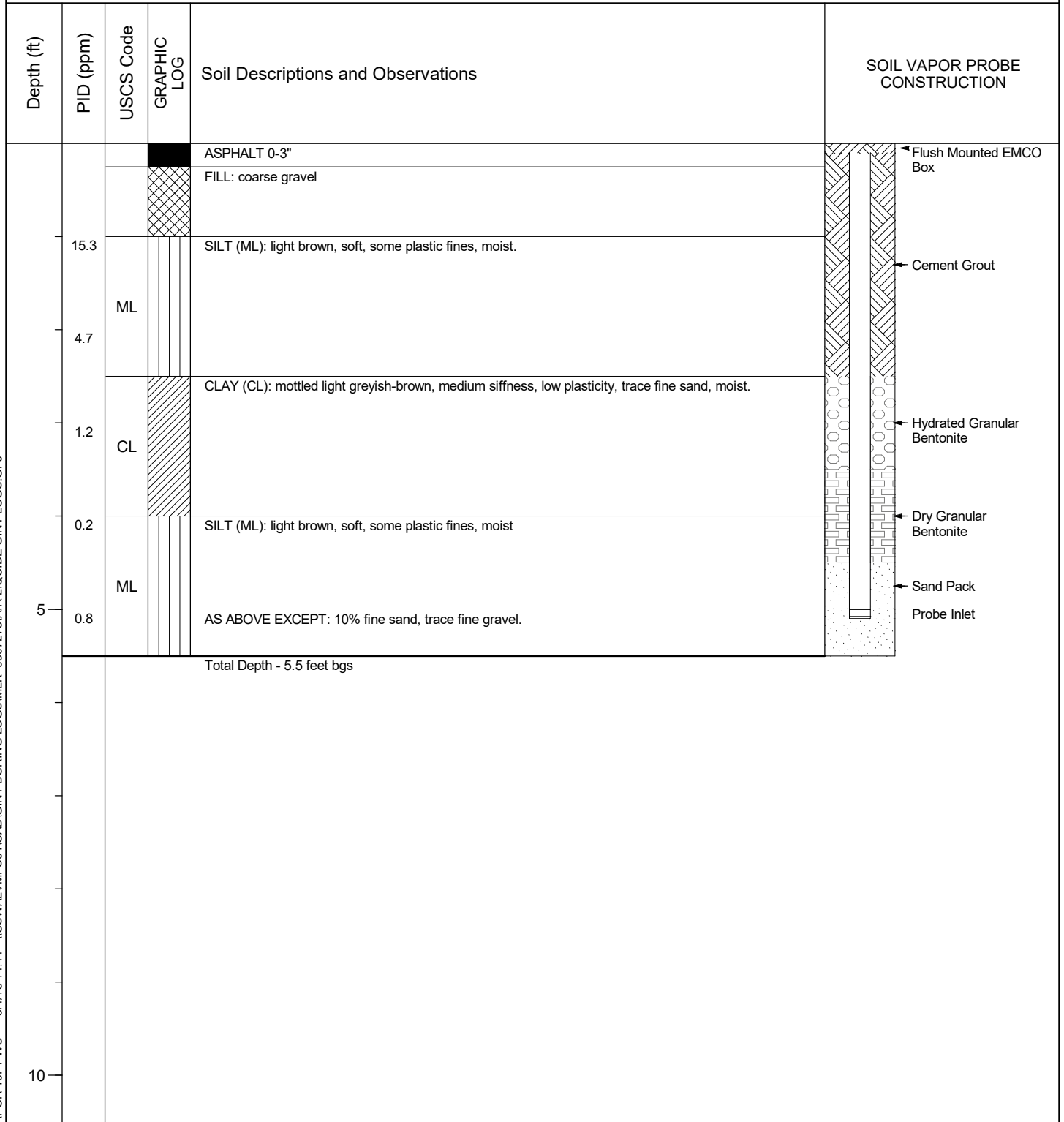


ERM
 1277 Treat Blvd., Suite 500
 Walnut Creek, CA 94597
 Phone: (925) 946-0455
 Fax: (925) 946-9968

LOG OF SOIL VAPOR PROBE: SV-2A

Project Number: 0307273
 Project Name: Former Grove Street Wash Rack Site
 Location: Oakland, California
 Contractor: Penecore
 Drilling Method: Hand Auger
 Logged By: S. Martin

Date Started: 7/11/2018
 Date Completed: 7/11/2018
 Total Depth: 5.5 feet
 Borehole Diameter: 3.25"
 Initial Water Level: NA
 Notes:



SOIL VAPOR 10FT WC - 5/4/18 14:44 - \\USWALYMF501\CAD\GINT BORING LOGS\MLK-0307273\AIR LIQUIDE GINT LOGS.GPJ



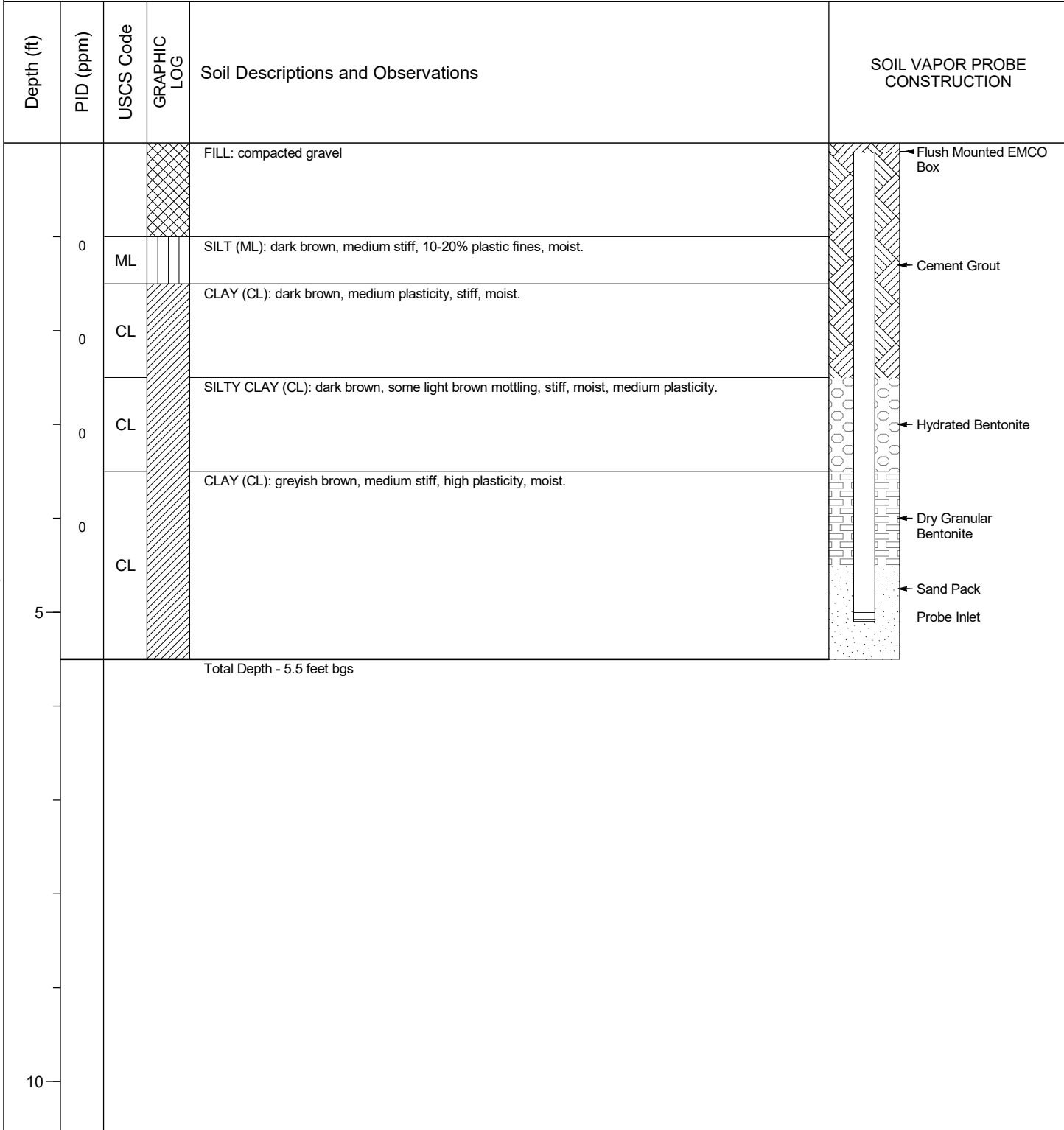
ERM

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

LOG OF SOIL VAPOR PROBE: SV-4A

Project Number: 0307273
Project Name: Former Grove Street Wash Rack Site
Location: Oakland, California
Contractor: Penecore
Drilling Method: Hand Auger
Logged By: S. Martin

Date Started: 7/11/2017
Date Completed: 7/11/2017
Total Depth: 5.5 feet
Borehole Diameter: 3.25
Initial Water Level: NA
Notes:



SOIL VAPOR 10FT WC - - 5/4/18 14:44 - \\USWALYMF501\CAD\GINT BORING LOGS\MLK-0307273\AIR LIQUIDE GINT LOGS.GPJ

Appendix B
Agency Correspondence



April 5, 2018

Mr. and Mrs. Neil and Mary Cotter
2847 Arguello Drive
Burlingame, CA 94010-5817
(Sent via E-mail to: neil.cotter@comcast.net and
mary.cotter@comcast.net)

Mr. and Mrs. John and Antoinette Coyle
2193 Trafalgar Place
Oakland, CA 94611
(Sent via E-mail to: trisargil@aol.com)

Subject: Request for Well Decommissioning for Expedited Claim Account Pilot Program (ECAP),
Underground Storage Tank (UST) Claim #13712, Fuel Leak Case No. RO000027 and
GeoTracker Global ID T06000102106, Grove Street Wash Rack, 3884 Martin Luther King, Jr.
Way, Oakland, CA 94609

Ladies and Gentlemen:

Alameda County Department of Environmental Health (ACDEH) is considering closure for the above referenced fuel case. ACDEH requests that you address the following technical comments, perform the work, and submit the documents requested below by the associated compliance dates. Upon completion of the public comment period and receipt of the requested documents, ACDEH will close the case and issue a Remedial Action Completion Certificate (RACC).

Technical Comments:

- 1. Request for Well Destruction:** The public notification period ended on March 31, 2018 and since no comments were received, you may now schedule the destruction of all wells, including groundwater monitoring wells, soil vapor wells, extraction wells, etc., located both on- and off-site. Please obtain well destruction permits from Alameda County Public Work Agency (ACPWA), and provide ACDEH 72 hours' notice of the well destruction. Upon completion of well destruction, please submit a *Well Decommissioning Report*, including all permits and signed profile and signed disposal documentation of the waste (both well destruction and remaining site waste) according to the schedule provided below in the Technical Report Request.
- 2. Geotracker Compliance Request:** A review of the case file indicates that the SWRCB Geotracker database and/or the ACDEH database is not complete, thus rendering the site to a non-compliant status pursuant to California Code of Regulations, Title 23, Division 3, Chapter 30, Articles 1 and 2, Sections 3890 to 3895. Non-compliance with Geotracker will delay issue of the RACC. At present missing data and documents include, but may not be limited to:
 - Complete copies of reports, in pdf format, including the signed transmittal letter and professional certification (GEO_REPORT files); notably missing from Geotracker is the signed disposal documentation for the additional drum of waste generated during the July 2017 investigation described in the Section 3.4, *Waste Disposal*, of the September 13, 2017 *Data Gap Investigation Report* prepared and submitted on your behalf by ERM.
 - Analytical data for soil, water and vapor samples collected for the purpose of subsurface investigation or remediation, including influent/effluent water samples from remediation systems (EDF files); notably missing from Geotracker are the soil vapor sample results collected during the March 2017 investigation;

- Surveyed elevation measurements to the top of well casings (GEO_Z files);
- The latitude and longitude (GEO_XY files) of any permanent monitoring well for which data is reported in EDF format;
- Depth-to-water information for permanent sampling points whenever the data is collected, even if the well is not sampled during the sampling event (GEO_WELL files);
- Stand-alone site maps displaying tank locations, streets bordering the facility, and sampling locations for all soil, water and vapor samples (GEO_MAP files); notably missing from Geotracker are site figures showing the locations of soil bores/soil vapor points installed during the February and July 2017 investigations, respectively;
- Stand-alone boring logs with depth to the screened interval and the length of screened interval for any permanent monitoring well installed (GEO_BORE files); notably missing from Geotracker are the five boring logs and the five soil vapor points installed in February 2017, and soil vapor points SV-1A, SV-2A, and SV-4A installed in July 2017.

Please upload the above missing data and any other missing data to GeoTracker by the date specified below. See Attachment 1 and the State's GeoTracker website for further details.

TECHNICAL REPORT REQUEST

Please submit the following documents to Geotracker website, in accordance with the following specified file naming convention and schedule. ACDEH requests e-mail notification to karel.detterma@acgov.org of the documents uploaded to Geotracker.

- **April 20, 2018** - GeoTracker electronic submittal date.
- **May 11, 2018** – Well Destruction Report
File to be named: RO000027_WELL_DCM_R_yyyy-mm-dd

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.

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 567-6708 or send me an electronic mail message at karel.detterman@acgov.org.

Sincerely,

Karel Detterman, PG 5628
Senior Hazardous Materials Specialist

cc: Giorgio Molinario, ERM, 1277 Treat Boulevard, Suite 500, Walnut Creek, CA 94597 (Sent via e-mail to: Giorgio.Molinario@erm.com)

Belinda Butler-Veytia, ERM, (Sent via e-mail to: Belinda.Butler-Veytia@erm.com)

Alexandra Foote, Law Offices, (Sent via e-mail to: alexandra@weinberg-gonser.com)

Kyle Cockerham, SWRCB, (Sent via e-mail to: Kyle.Cockerham@waterboards.ca.gov)

Caryl Sheehan, SWRCB, (Sent via e-mail to: Caryl.Sheehan@Waterboards.ca.gov)

Dilan Roe, ACDEH (Sent via E-mail to: dilan.roe@acgov.org)

Karel Detterman, ACDEH (Sent via E-mail to: karel.detterman@acgov.org)

Paresh Khatri, ACDEH, (Sent via E-mail to: paresh.khatri@acgov.org)

Electronic File, GeoTracker

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

REPORT & DELIVERABLE REQUESTS

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

Leaking Underground Fuel Tank (LUFT) Cases

Reports and deliverable requests are pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party (RP) in conjunction with an unauthorized release from a petroleum underground storage tank (UST) system.

Site Cleanup Program (SCP) Cases

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

ELECTRONIC SUBMITTAL OF REPORTS

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

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

GEOTRACKER UPLOAD CERTIFICATION

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

GeoTracker Upload Table Example

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

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

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

ACKNOWLEDGEMENT STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

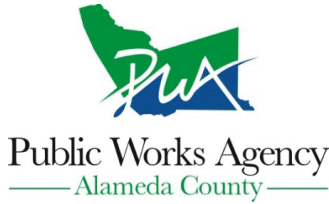
For LUFT cases, RP's non-compliance with these regulations may result in ineligibility to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse the cost of cleanup. Additional information is available on the internet at: https://www.waterboards.ca.gov/water_issues/programs/ustcf/

AGENCY OVERSIGHT

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

Appendix C
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: 04/17/2018 By jamesy

Permit Numbers: W2018-0283 to W2018-0291
Permits Valid from 04/19/2018 to 04/20/2018

Application Id: 1522717602667 **City of Project Site:**Oakland
Site Location: 3884 Martin Luther King Jr Way, Oakland, CA 94609, USA
Project Start Date: 04/19/2018 **Completion Date:**04/20/2018
Assigned Inspector: Contact Eneyew Amberber at (510) 670-5759 or eneyew@acpwa.org

Applicant: ERM-West, Inc. - Giorgio Molinario **Phone:** 628-221-7816
 114 Sansome St, Ste 750, San Francisco, CA 94104

Property Owner: Mary & Neil and Antoinette & John Cotter & Coyle **Phone:** --
 PO Box 638, Healdsburg, CA 95448

Client: ** same as Property Owner **

	Total Due:	\$3441.00
Receipt Number: WR2018-0194	Total Amount Paid:	\$3441.00
Payer Name : Giorgio Molinario	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 8 Wells

Driller: Penecore - Lic #: 906899 - Method: OP

Work Total: \$3176.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2018-0283	04/17/2018	07/18/2018	MW-1	10.00 in.	2.00 in.	10.00 ft	20.00 ft			
W2018-0284	04/17/2018	07/18/2018	MW-2	10.00 in.	2.00 in.	14.00 ft	20.00 ft			
W2018-0285	04/17/2018	07/18/2018	MW-3	10.00 in.	2.00 in.	10.00 ft	20.00 ft			
W2018-0286	04/17/2018	07/18/2018	MW-4	10.00 in.	2.00 in.	11.00 ft	20.00 ft			
W2018-0287	04/17/2018	07/18/2018	MW-5	10.00 in.	2.00 in.	10.00 ft	20.00 ft			
W2018-0288	04/17/2018	07/18/2018	MW-6	10.00 in.	2.00 in.	12.00 ft	20.00 ft			
W2018-0289	04/17/2018	07/18/2018	MW-7	10.00 in.	2.00 in.	12.00 ft	20.00 ft			
W2018-0290	04/17/2018	07/18/2018	MW-8	10.00 in.	2.00 in.	11.00 ft	20.00 ft			

Specific Work Permit Conditions

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

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

Alameda County Public Works Agency - Water Resources Well Permit

or to Alameda County an Traffic Safety Plan for any lane closures or detours planned.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 30 days. Include permit number and site map.
4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.
5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
8. Remove the Christy box or similar structure.

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

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
9. 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.
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.
11. Remove well by excavation. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
12. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
13. Utility conflict waivers for the monitoring wells in the sidewalk approve for destruction without drilling out.

Alameda County Public Works Agency - Water Resources Well Permit

Well Destruction-Vapor monitoring well - 3 Wells

Driller: Penecore - Lic #: 906899 - Method: OP

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 #
W2018-0291	04/17/2018	07/18/2018	SV-1A	6.00 in.	0.25 in.	4.50 ft	5.50 ft			
W2018-0291	04/17/2018	07/18/2018	SV-2A	6.00 in.	0.25 in.	4.50 ft	5.50 ft			
W2018-0291	04/17/2018	07/18/2018	SV-4A	6.00 in.	0.25 in.	4.50 ft	5.50 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
2. Compliance with the above 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 30 days, including permit number and site map.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. 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.
5. 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.
6. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.
7. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.
8. 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.
9. Remove the Christy box or similar structure.

Alameda County Public Works Agency - Water Resources Well Permit

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.

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.

11. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

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

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

Vapor monitoring wells constructed with 2" pvc pipe or larger may be grouted by tremie pipe (any depth) or pressure grouted (less than 30', 25 psi for 5 min).

13.

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.

- SL and X permits valid 90 days
- CGS permit valid 30 days

3884 M L KING JR WY



CITY OF OAKLAND

DEPT OF PUBLIC WORKS 4th FLOOR

3884 M L KING JR WY

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

Email: pwa_inspections@oaklandnet.com or call 510-238-3651

Planning and Building Department
www.oaklandnet.com

PH: 510-238-3891

FAX: 510-238-2269

TDD: 510-238-3254

For SL; X; and CGS permits see **SPECIAL NOTE** below

Permit No: OB1800664 Obstruction

Filed Date: 4/17/2018

Job Site: 3884 M L KING JR WY

Schedule Inspection by calling: 510-238-3444

Parcel No: 012 096803100

District:

Project Description: Reserve #10 NON-METERED parking space(s) in front of parcel only for dumpster, construction vehicle, moving van or storage pod. Post No-parking signs 72 hours prior in residential areas. Any impact on traffic lane or sidewalk shall comply with TSD. No-parking signs picked up by applicant after payment, 4TH FLOOR. To Have Illegally Parked Vehicle Ticketed Call 510-777-3333. Applicant arranges towing. Comply with terms set forth in CVC Section 22651 (m). For Towed Vehicle: Call 510-238-3021.

TDS 18-0123
Date 4/20/18

Related Permits:

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
Owner:	COTTER NEIL & MARY ETAL		2847 ARGUELLO ST BURLINGAME, CA		
Contractor- Employee:	Kevin Almestad	X	OAKLAND, CA	925 330 9267	

PERMIT DETAILS: Building/Public Use/Activity/Obstructions

Work Information

Start Date: 04/20/2018	Obstruction Permit Type:	Short Term (Max 14 Days)
End Date: 04/20/2018	Number of Meters (Metered Area):	
	Length Of Obstruction (Unmetered Area):	250

TOTAL FEES TO BE PAID AT FILING: \$626.92

Application Fee	\$70.00	Recrd Mangmnt & Tech Enhancement Fee	\$35.40	Short Term Permits	\$170.00
Transportation Service	\$351.52				

Plans Checked By _____ Date _____ Permit Issued By *[Signature]* Date 4-17-18
 Finalized By _____ Date _____

SPECIAL NOTE

- SL; X; and CGS permits: prior to start, email pwa_inspections@oaklandnet.com or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days

ADDRESS

APPLICATION

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.

- SL and X permits valid 90 days
- CGS permit valid 30 days

3884 M L KING JR WY



CITY OF OAKLAND

DEPT OF PUBLIC WORKS 4th FLOOR

3884 M L KING JR WY

250 FRANK H. OGAWA PLAZA ■ 2ND FLOOR ■ OAKLAND, CA 94612
 Email: pwa_inspections@oaklandnet.com or call 510-238-3651

Planning and Building Department
 www.oaklandnet.com

PH: 510-238-3891
 FAX: 510-238-2863

For SL; X; and CGS permits see **SPECIAL NOTE** below

Permit No: ENMI18097 Minor Encroachment **Filed Date:** 4/17/2018
Job Site: 3884 M L KING JR WY **Schedule Inspection by calling:** 510-238-3444
Parcel No: 012 096803100
District:
Project Description: Rescission of 4 monitoring wells on M L King Jr Wy side.
Related Permits: ENMI13054 X1402233

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
Owner:	COTTER NEIL ETAL			4152155805	
Owner-Builder:	COTTER NEIL ETAL	X		4152155805	

PERMIT DETAILS: Building/Public Use/Facility/Minor Encroachment

Required Documents And Information

Encroachment Type:	Rescission of Existing Encroachment	Request Letter Submitted?:
Carrier:		Site Plan Submitted?:
Insurance Expiration Date:		Certificate of Insurance Submitted?:
		Copy of Recorded Grant Deed with Legal Description Submitted?:

TOTAL FEES TO BE PAID AT FILING: \$1,324.22

Amendment or Rescission - Encroachment	\$1,084.00	Application Fee	\$70.00	Recrd Mangmnt & Tech Enhancement Fee	\$170.22
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Plans Checked By _____ Date _____ Permit Issued By _____ Date _____
 Finalized By _____ Date _____

CITY OF OAKLAND

SPECIAL NOTE

- SL; X; and CGS permits: prior to start, email pwa_inspections@oaklandnet.com or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days

ADDRESS

APPLICATION

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.

- SL and X permits valid 90 days
- CGS permit valid 30 days



CITY OF OAKLAND

DEPT OF PUBLIC WORKS 4th FLOOR

250 FRANK H. OGAWA PLAZA • 2ND FLOOR • OAKLAND, CA 94612
 Email: pwa_inspections@oaklandnet.com or call 510-238-3651

Planning and Building Department
 www.oaklandnet.com

PH: 510-238-3891

FAX: 510-238-3253

TDD: 510-238-3254

For SL; X; and CGS permits see SPECIAL NOTE below

Permit No: X1800481 OPW - Excavation Filed Date: 4/17/2018
 Job Site: 3884 M L KING JR WY Schedule Inspection by calling: 510-238-3444
 Parcel No: 012 096803100

District:

Project Description: Soil boring(s) on MLK Jr Way. Any impact on traffic lane or sidewalk shall comply with TSD 18-0123. Ensure that environmental controls are in place to prevent dust/debris/waste water from contaminating environment. If working within 25' feet of a monument you must comply with State Law 8771, contact the Inspector prior to starting excavation: minimum \$5,800.00 fine for non-compliance. Comply with all terms of City of Oakland Public Works Standards, Street Excavation Rules, Revised March 2015 and City Council Ordinance No. 13300 C.M.S. Five day prior notice required for work lasting five days or less in business/commercial districts; 72 hour notice in residential districts. Ten day prior notice required for work lasting six days or more in all districts. Call PWA INSPECTION prior to start: 510-238-3651. email PWA_inspections@oaklandnet.com.
 Contact:

Related Permits:

Name	Applicant	Address	Phone	License #
Owner:	COTTER NEIL & MARY ETAL	2847 ARGUELLO ST BURLINGAME, CA		
Contractor- Employee:	Kevin Almestad	X OAKLAND, CA	925 330 9267	
Contractor:	T S A DRILLING INC	220 NORTH EAST ST WOODLAND, CA	(530) 661-3600	906899

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: \$489.98

Application Fee	\$70.00	Excavation - Private Party	\$357.00	Recrd Mangmnt & Tech Enhancement Fee	\$62.98
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• SL; X; and CGS permits: prior to start, email pwa_inspections@oaklandnet.com or call 510-238-3651

- SL and X permits valid 90 days
- CGS permit valid 30 days

3884 M L KING JR WY

3884 M L KING JR WY

ADDRESS

APPLICATION



1-2 - 4-17-18

CITY OF OAKLAN



PUBLIC WORKS DEPARTMENT • 250 FRANK H. OGAWA PLAZA • SUITE 4344 • OAKLAND, CALIFORNIA 94612-2033

Transportation Services Division

OFFICE: (510) 238-3467

FAX: (510) 238-7415

TDD: (510) 839-6451

Walk-in

OPW Receipt #: _____

Customer No.

From: JWatson

Date: 04/17/2018

Re: Traffic Engineering Analysis Fee

Permit Application #	Utility Co. Job #	Work Location	Contractor Name	Charge To Credit Card #	No. of Hours
<input type="checkbox"/> walk-in	18-0123	ERM West	Kevin Almestad		2
<input type="checkbox"/>			ERM West		
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
Total Hours					2
Permit Review Fee (\$/hour)					\$175.76
Total					\$351.52

Cost Center No.	W045
Organization No.	30265
Account No.	45119
Fund No.	2415
Project No.	A167560

APPROVED BY: _____
Tabin Chung

Date: _____

APPLICATION FOR TRAFFIC CONTROL PLAN

Transportation Services Fee: \$175.76 / hr (2hrs min)
Renewal Fee: \$175.76 (Flat Fee)

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. An approved Traffic Control Plan along with an Obstruction Permit is REQUIRED in order to work in the City of Oakland right-of-way.
2. Processing time for a Traffic Control Application is a minimum of 10 business days.
3. Traffic Control review is scheduled only on Tuesdays and Thursdays from 9:00am thru 11:30am by appointment only.
4. A scheduled appointment by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans.
5. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
6. Businesses and residences adjacent to the work area must be provided 72 hour advance notice.
7. A completed traffic control application may be faxed to (510) 238-7415.
8. Incomplete traffic control applications will not be processed and returned to applicant immediately.

Contact Person: Kevin Almesjad Phone: (925)-330-9267
Name of Company: ERM West Fax: (650)-745-4737
Address of Company: 114 Sansome St, Suite 750, San Francisco, CA 94104
Describe type of work to be performed: Abandonment of 4 monitoring wells.

Location of work: MLK Jr. Way Between* 39th St And* Argon St.
(Street Name) (Cross Street Name) (Cross Street Name)
Work date (s): 4/20/2018 Mon-Fri Sat-Sun Work Hours: 9:00 am to 4:00 pm

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**
 - Lane Closure
 - Use of Median
 - Sidewalk Closure (must provide pedestrian walkway)
 - Street Closures (must provide detour plan)
 - Use Parking Lane
 - Bike lane
 - Crane Erection
- 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 CA MUTCD.

RENEWAL PROCESS: Resubmit a completed Traffic Control Application with the original approved plan. Note: Any modifications to the original TCP constitute a new application and fees.

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/trafficops/camutcd/docs/CAMUTCD2014-Part6_rev1.pdf
For City website: <http://www2.oaklandnet.com/government/o/PWA/o/EC/o/TS/OAK026469>

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Number: TSD-18-0123
 Reviewed By: J. Watson
 Date: 04/17/2018
 TCP approved for 04/20/2018
 to 04/20/2018

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.

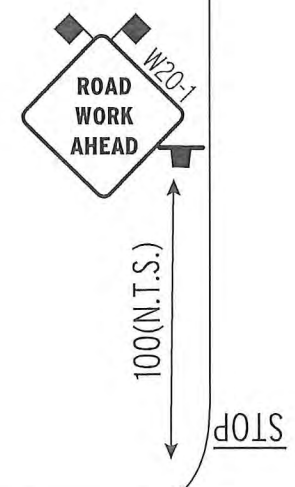
Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
Martin Luther King Jr Way between Apgar Street and 39 th Street	MON – FRI 9AM – 4PM	N/A	N/A	Sidewalk closure / Sidewalk diversion for pedestrians	Sidewalk closure / Sidewalk diversion for pedestrians

The Contractor Shall Also include all check item:

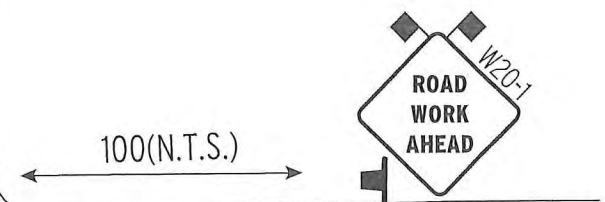
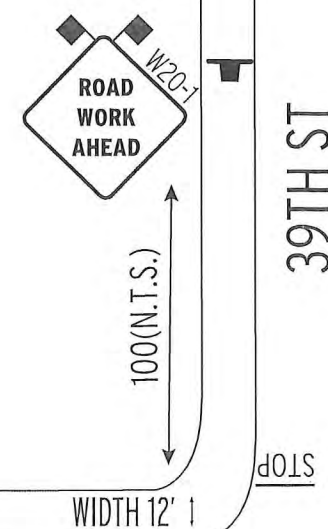
1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3. Provide 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.

APPROVED: *[Signature]* 4/17/2018
 Transportation Services Division
 CITY OF OAKLAND



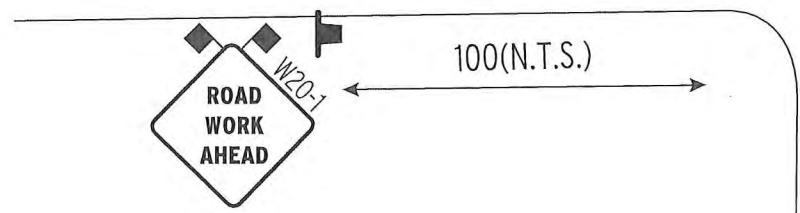
*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.
 NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.



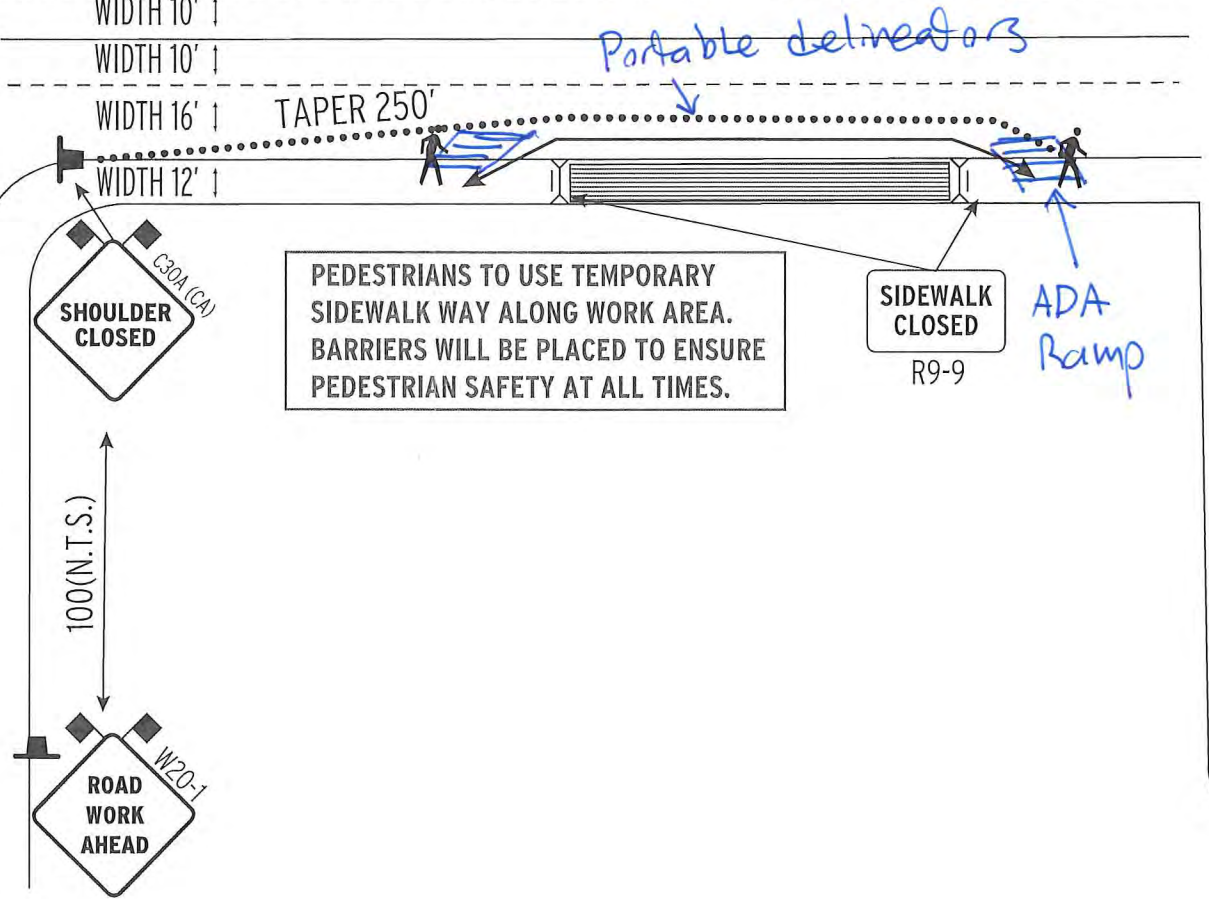
SPEED LIMIT 30MPH

WIDTH 16' |
 WIDTH 10' |
 WIDTH 10' |
 WIDTH 16' |
 WIDTH 12' |

MARTIN LUTHER KING JR WAY



APGAR ST



- NOTES**
- Traffic control shall conform with MUTCD and/or Caltrans Standards section 6 dated 2014.
 - One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
 - Contractor shall notify local authorities once signs are posted.
 - All advanced warning signs shall be equipped with 2 (18" orange flags)
 - Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
 - Driveways shall be monitored and maintained at all times during work hours.
 - Distance between sign and work area will be determined on speed limit.
 - Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
 - All Devices shall be removed when no longer required.

- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT

MEANING OF LETTER CODES ON TYPICAL DIAGRAM

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
URBAN (LOW SPEED) - 25 mph or less	100 ft	100 ft	100 ft
URBAN (LOW SPEED) - 25 mph or less	250 ft	250 ft	250 ft
Urban (High Speed) + 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft



SCALE:
 NOT TO SCALE

DATE REQD: 03/26/2018

DATE COMPLET:

PROJECT LOCATION:
 3884 MLK JR. WAY
 OAKLAND

PMH

JOB#

REQUEST BY:
 XAVIER GREEN
 PENECORE DRILLING INC
 (530)661-3600
 xavier@penecore.com

PLAN 2
 TEMP TRAFFIC CONTROL PLAN

AFTER HOURS
 EMERGENCY
 510-299-5666
 WWW.BATSTRAFFICSOLUTIONS.COM

B.A.T.S. TRAFFIC SOLUTIONS

Drawn By:
 STEVEN SAMORA
 CSLB# 917034
 Office: (916) 339-2543
 Fax: (916) 339-5666

Appendix D
Waste Disposal Records

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

Not required

2. Page 1 of

1

3. Emergency Response Phone

888-423-8000

4. Waste Tracking Number

0520184386

5. Generator's Name and Mailing Address

Nell Colter
2847 Arguello Drive
Burlingame CA 94010

Generator's Site Address (if different than mailing address)

3884 Martin Luther King Jr. Way
Oakland CA 94607

Generator's Phone: 415 215-5806

6. Transporter 1 Company Name

American Integrated Services, Inc.

U.S. EPA ID Number

CAR000148338

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Crosby & Overton, Inc.
1830 W. 17th Street
Long Beach CA 90813

U.S. EPA ID Number

Facility's Phone: 562 432-5445

CAD028409019

9. Waste Shipping Name and Description

10. Containers

11. Total
Quantity

12. Unit
Wt./Vol.

No.

Type

1 Non-Hazardous Waste Liquid (Groundwater)

01

DM

55

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

Wear proper PPE while handling. Weights or volumes are approximate.

Job# 78006-15-9 Profile# 27578

EX55

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name

Signature

Month Day Year

INT'L

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Marco MARTINEZ

Marco Martinez

6 1 10

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR
 TRANSPORTER
 INT'L
 TRANSPORTER
 DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number Not required	2. Page 1 of 1	3. Emergency Response Phone 888-423-8060	4. Waste Tracking Number 0520184387	
5. Generator's Name and Mailing Address Nail Coller 2947 Arguello Drive Burlingame CA 94010		Generator's Site Address (if different than mailing address) 3884 Martin Luther King Jr. Way Oakland CA 94607			
Generator's Phone: 415 215-5805					
6. Transporter 1 Company Name American Integrated Services, Inc.			U.S. EPA ID Number CAR000148338		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Crosby & Overton, Inc. 1630 W. 17th Street Long Beach CA 90813			U.S. EPA ID Number CAD028409019		
Facility's Phone: 562 432-5445					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Non-Hazardous Waste Solid (Construction Debris)		03	DM	1000	P
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Wear proper PPE while handling. Weights or volumes are approximate. Job# 78006-15-9 Profile# 107553					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeror's Printed/Typed Name			Signature		Month Day Year 5 2 18
15. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name MARCO MARTINEZ			Signature <i>[Signature]</i>		Month Day Year 6 1 18
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature		Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number Not required	2. Page 1 of 1	3. Emergency Response Phone 888-423-8080	4. Waste Tracking Number 0520184388	
5. Generator's Name and Mailing Address Nell Cotter 2847 Arguello Drive Burlingame CA 94010		Generator's Site Address (if different than mailing address) 3854 Martin Luther King Jr. Way Oakland CA 94607			
Generator's Phone: 415 215-5805					
6. Transporter 1 Company Name American Integrated Services, Inc.			U.S. EPA ID Number CAR000148338		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Potrero Hills Landfill 3976 Potrero Hills Lane Suisun CA 94585			U.S. EPA ID Number Not Required		
Facility's Phone: 707 432-4635					
GENERATOR	9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
	1 Non-Hazardous Waste Solid (Sol)	01	DM	300	P
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information Wear proper PPE while handling. Weights or volumes are approximate. Job# 78006-15-9 Profile# PHLF15339					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeror's Printed/Typed Name			Signature		Month Day Year 5 20 18
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name MARC MARTINEZ			Signature <i>Marcus Martinez</i>		Month Day Year 6 1 18
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature		Month Day Year