ExxonMobil
Environmental Services Company
4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

Jennifer C. Sedlachek
Project Manager

ExxonMobil

January 27, 2016

Ms. Karel Detterman
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

RE: Former Exxon RAS #73006/720 High Street, Oakland, California.

Dear Ms. Detterman:

Attached for your review and comment is a copy of the letter report entitled ***Well Destruction Report,*** dated January 27, 2016, for the above-referenced site. The report was prepared by Cardno of Petaluma, California, and details activities pertaining to the subject site.

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

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: Cardno's ***Well Destruction Report,*** dated January 27, 2016

cc: w/ attachment
Mr. Mo Mashoon, Mash Petroleum, Inc.

w/o attachment
Mr. Scott Perkins, Cardno

January 27, 2016
Cardno 2010C.R36

Cardno

601 N. McDowell Boulevard
Petaluma, CA 94954
USA

Phone: +1 800 382 9105
Fax: +1 707 789 0414
Contractor: #997036

www.cardno.com

Ms. Jennifer C. Sedlachek
ExxonMobil Environmental Services Company
4096 Piedmont Avenue #194
Oakland, California, 94611

SUBJECT **Well Destruction Report**
Former Exxon Service Station 73006
720 High Street, Oakland, California

Ms. Sedlachek:

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno destroyed the wells associated with the environmental investigation at subject site. The work was approved by Alameda County Environmental Health (County) in a letter dated November 9, 2015 (Appendix A).

SITE DESCRIPTION

Former Exxon Service Station 73006 is located at 720 High Street, Oakland, California (Assessor's Parcel Number 34-2290-6-3) on the southeastern corner of the intersection of High Street and Coliseum Way adjacent to an elevated portion of Interstate Highway 880 (Plate 1). The site is an active Gas and Food-branded station owned and operated by Mash Petroleum, Inc. The locations of select site features are shown on the Generalized Site Plan (Plate 2).

WELL DESTRUCTION

Field activities were conducted under the direction of the County and the advisement of a State of California professional geologist and in accordance with Cardno's site-specific health and safety plan and well destruction field protocol (Appendix B). Well construction details are listed in Table 1.

Pre-Field Activities

Prior to field activities, Cardno obtained well destruction permits from the County and an encroachment permit from the state of California Department of Transportation (Appendix C). The property owners were notified at least one week prior to the start of fieldwork. Underground Service Alert and the County were notified at least 48 hours prior to the onset of field activities.

Well Destruction Activities

From January 11 through 21, 2016, Cardno conducted well destruction activities.

Wells MW2, MW3, MW6, MW14, MW16A, MW16B, MW17A, MW17B, MW18A, MW18B, MW19A, MW19B, MW20, and MW21 were destroyed as follows:

- The wells were filled to the surface with neat cement grout using a tremie pipe.
- Approximately 25 psi of compressed air were applied to the wells for a minimum of five minutes to ensure a complete seal.
- The resultant boreholes were refilled with additional neat cement grout as needed.
- The surface was restored to match the surroundings.

Remediation wells RW1 through RW4 and AS1 through AS6 were installed in a pea gravel filled trench; however, the well boxes were covered with asphalt and concrete during site redevelopment activities. Under the supervision of the County, Cardno sawcut and uncovered the well locations with the assistance of a licensed surveyor. After being located, the wells were grouted in place, and the surface was refinished to match the surroundings.

Cardno attempted to locate wells MW4 and MW12 based on historical map locations. Cardno cored a 20-inch hole at the expected well MW12 location and excavated until baserock was located with no indication of a well. Well MW4 was expected to be located in a planter. After hand digging past a sprinkler line, an asphalt layer was discovered. The asphalt was broken and the dirt below probed for evidence of the well casing. No well was located. Each location was hand cleared in an effort to locate the well casing. In addition, a metal detector was used to locate the wells; however, well locations were not discovered. Wells MW4 and MW12 have not been located since 2001. Previous efforts to locate the wells have been unsuccessful and survey coordinates of the wells are not available in the project file.

Well Completion Reports

California Department of Water Resources (DWR) well destruction forms (DWR-188s) will be submitted to the DWR and the County under separate cover.

Waste Management Plan

Construction debris and well materials were removed and hauled to a recycling facility. Water waste generated during well destruction activities was temporarily stored in DOT-approved 55-gallon drums pending disposal. Approximately 15 gallons of water was transported to InStrat, Inc., of Rio Vista, California, on January 23, 2016. Soil waste was not generated during well destruction activities. Waste disposal documentation is included in Appendix D.

CONCLUSIONS

C-57 licensed well drillers, under permit from the County, destroyed wells MW2, MW3, MW6, MW14, MW16A, MW16B, MW17A, MW17B, MW18A, MW18B, MW19A, MW19B, MW20, MW21, RW1 through RW4, and AS1 through AS6 associated with the environmental investigation at the subject site. Efforts were made to locate missing wells MW4 and MW12. The attempts to locate wells MW4 and MW12 were discussed with Mr. James Yoo of the County. No further action is required for this site.

RECOMMENDATIONS

Cardno recommends the issuance of a No Further Action letter for this site.

CONTACT INFORMATION

The responsible party contact is Ms. Jennifer C. Sedlachek, ExxonMobil Environmental Services Company, 4096 Piedmont Avenue #194, Oakland, California, 94611. The consultant contact is Mr. Scott Perkins, Cardno, 601 North McDowell Boulevard, Petaluma, California, 94952. The agency contact is Ms. Karel Detterman, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, California, 94502.

LIMITATIONS

For documents cited that were not generated by Cardno, the data taken from those documents is used "as is" and is assumed to be accurate. Cardno does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This document and the work performed have been undertaken in good faith, with due diligence and with the expertise, experience, capability, and specialized knowledge necessary to perform the work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services in California at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

Please contact Mr. Scott Perkins, Cardno's project manager for this site, at scott.perkins@cardno.com or at (707) 766-2000 with questions or comments regarding this report.

Sincerely,

SCANNED IMAGE

SCANNED IMAGE

PROFESSIONAL GEOLOGIST
DAVID RICHARD DANIELS
No. 8737
EXP. 7/31/17
STATE OF CALIFORNIA

Nadya M. Vicente
Senior Staff Geologist
for Cardno
707 766 2000
Email: nadya.vicente@cardno.com

David R. Daniels
P.G. 8737
for Cardno
707 766 2000
Email: david.daniels@cardno.com

Enclosures:

Acronym List

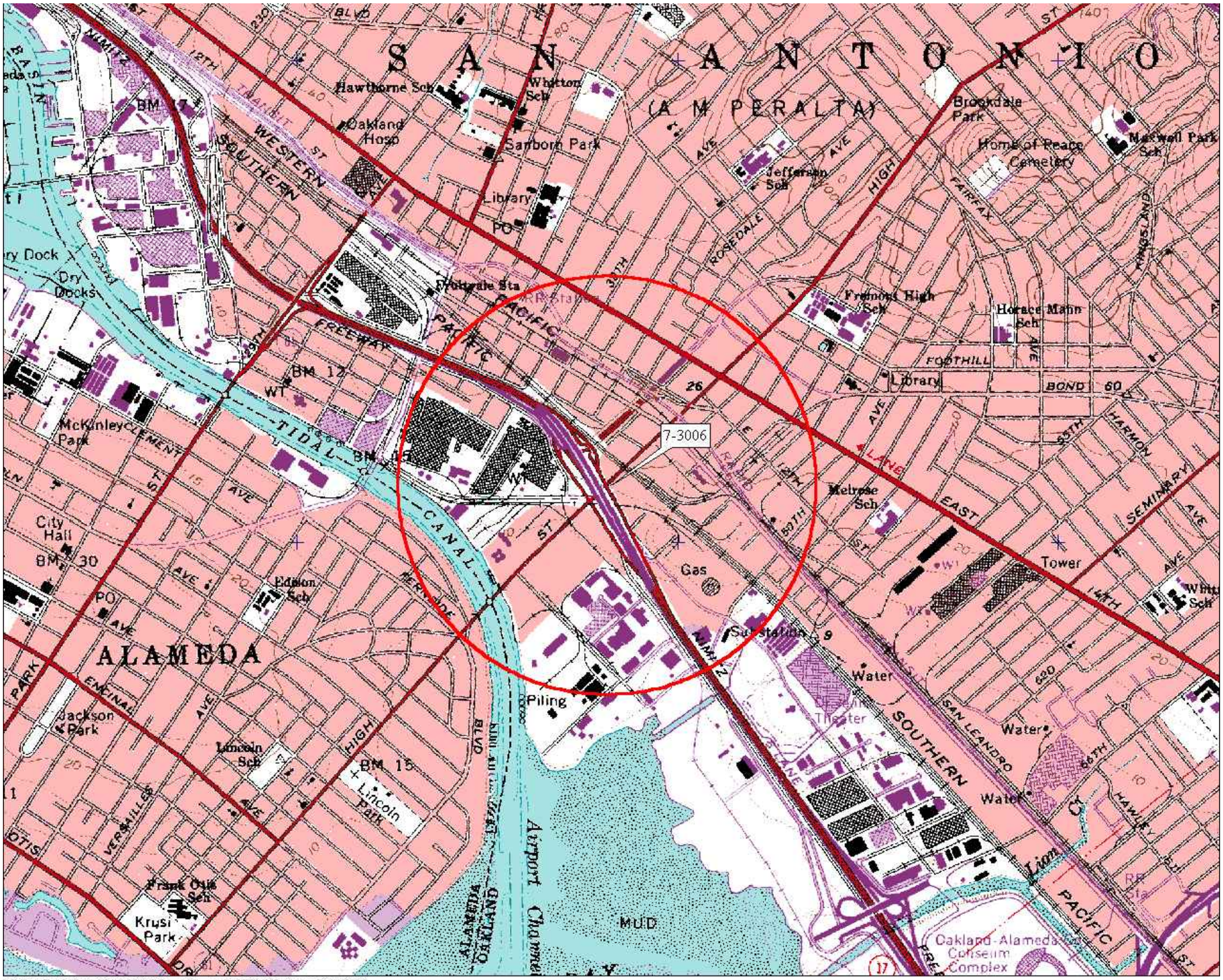
Plate 1	Site Vicinity Map
Plate 2	Generalized Site Plan
Table 1	Well Construction Details
Appendix A	Correspondence
Appendix B	Field Protocols
Appendix C	Permits
Appendix D	Waste Disposal Documentation

cc: Ms. Karel Detterman, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, California, 94502-6577

Mr. Mo Mashoon, Mash Petroleum, 428 13th Street, 10th Floor, Oakland, California, 94612

ACRONYM LIST

µg/L	Micrograms per liter
µs	Microsiemens
1,2-DCA	1,2-dichloroethane
acfm	Actual cubic feet per minute
AS	Air sparge
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
CEQA	California Environmental Quality Act
cfm	Cubic feet per minute
COC	Chain of Custody
CPT	Cone Penetration (Penetrometer) Test
DIPE	Di-isopropyl ether
DO	Dissolved oxygen
DOT	Department of Transportation
DPE	Dual-phase extraction
DTW	Depth to water
EDB	1,2-dibromoethane
EPA	Environmental Protection Agency
ESL	Environmental screening level
ETBE	Ethyl tertiary butyl ether
FID	Flame-ionization detector
fpm	Feet per minute
GAC	Granular activated carbon
gpd	Gallons per day
gpm	Gallons per minute
GWPTS	Groundwater pump and treat system
HVOC	Halogenated volatile organic compound
J	Estimated value between MDL and PQL (RL)
LEL	Lower explosive limit
LPC	Liquid-phase carbon
LRP	Liquid-ring pump
LUFT	Leaking underground fuel tank
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
mg/m^3	Milligrams per cubic meter
MPE	Multi-phase extraction
MRL	Method reporting limit
msl	Mean sea level
MTBE	Methyl tertiary butyl ether
MTCA	Model Toxics Control Act
NAI	Natural attenuation indicators
NAPL	Non-aqueous phase liquid
NEPA	National Environmental Policy Act
NGVD	National Geodetic Vertical Datum
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
ORP	Oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
OVA	Organic vapor analyzer
P&ID	Process & Instrumentation Diagram
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene or perchloroethylene
PID	Photo-ionization detector
PLC	Programmable logic control
POTW	Publicly owned treatment works
ppmv	Parts per million by volume
PQL	Practical quantitation limit
psi	Pounds per square inch
PVC	Polyvinyl chloride
QA/QC	Quality assurance/quality control
RBSL	Risk-based screening levels
RCRA	Resource Conservation and Recovery Act
RL	Reporting limit
scfm	Standard cubic feet per minute
SSTL	Site-specific target level
STLC	Soluble threshold limit concentration
SVE	Soil vapor extraction
SVOC	Semi-volatile organic compound
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
TCE	Trichloroethene
TOC	Top of well casing elevation; datum is msl
TOG	Total oil and grease
TPHd	Total petroleum hydrocarbons as diesel
TPHg	Total petroleum hydrocarbons as gasoline
TPHmo	Total petroleum hydrocarbons as motor oil
TPHs	Total petroleum hydrocarbons as stoddard solvent
TRPH	Total recoverable petroleum hydrocarbons
UCL	Upper confidence level
USCS	Unified Soil Classification System
USGS	United States Geologic Survey
UST	Underground storage tank
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound
VPC	Vapor-phase carbon



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS

550 ft Scale: 1 : 19,200 Detail: 13-0 Datum: WGS84

FN 2010

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1
mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

Cardno®
Shaping the Future

SITE VICINITY MAP

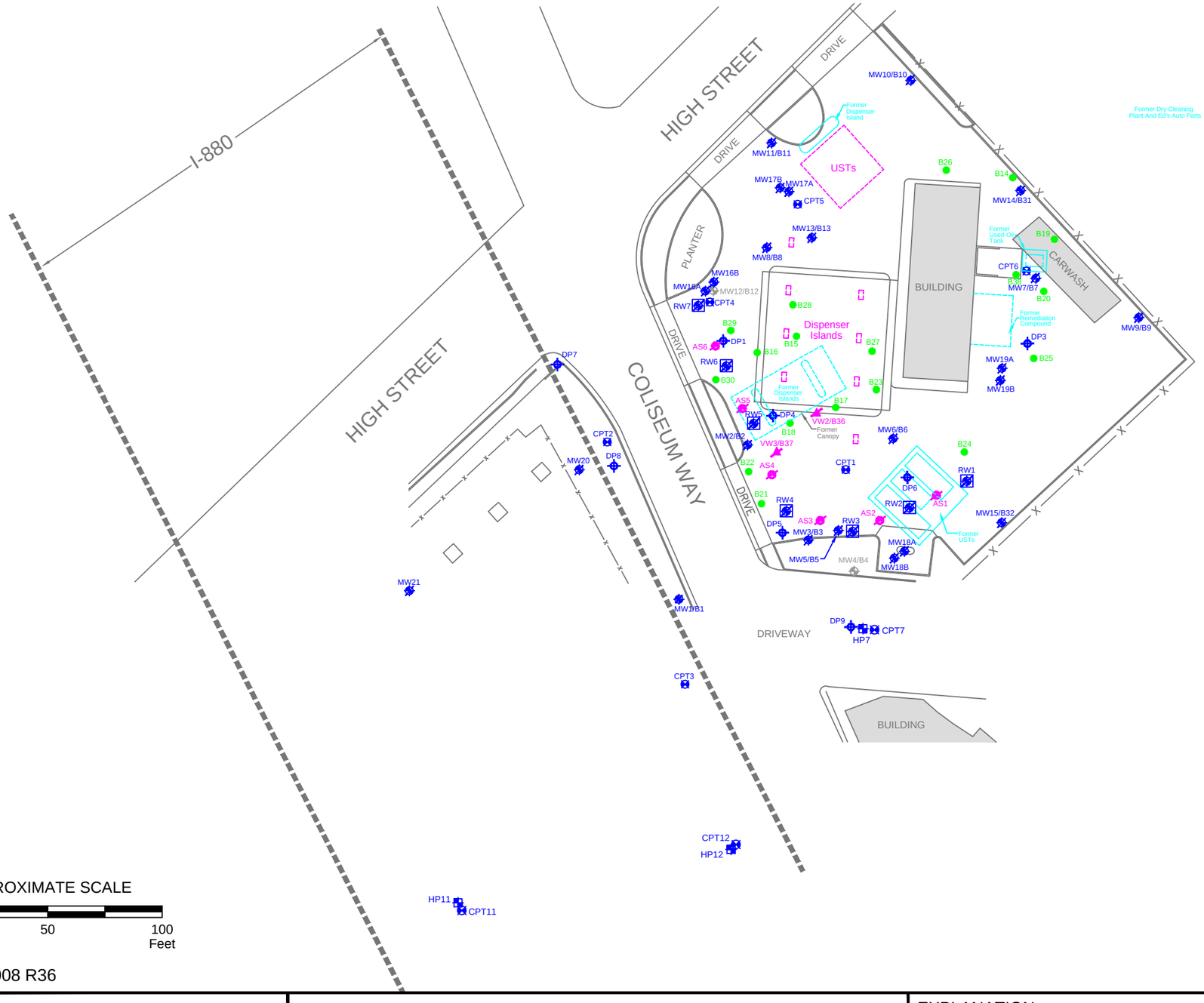
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

PROJECT NO.

2010

PLATE

1



APPROXIMATE SCALE

0 50 100 Feet

FN 20100008 R36

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GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW21 — Destroyed Groundwater Monitoring Well
- RW7 — Destroyed Recovery Well
- AS6 — Destroyed Air Sparge Well
- VW3/B37 — Destroyed Soil Vapor Extraction Well
- DP9 — Direct-Push Boring
- CPT12 — Cone Penetration Test Boring
- HP12 — Hydropunch Boring
- B38 — Soil Boring/Soil Sample
- MW12/B12 — Well Paved over - Inaccessible

PROJECT NO. 2010

PLATE 2

TABLE 1
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Well ID	Well Installation Date	Well Destruction Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
MW1	05/21/88	03/26/07	12.79	10	29	29	4	Sch 40 PVC	4-29	---	2-29	---
MW2	09/10/87	01/12/16	13.06	---	36	36	4	---	10-35	---	8-36	---
MW3	09/10/87	01/11/16	13.71	---	36	36	4	---	10-35	---	8-36	---
MW4	09/10/87	Lost	12.77	---	36	36	4	---	10-35	---	8-36	---
MW5	09/10/87	07/18/89	8.38	---	36	36	4	---	8-33	---	6-36	---
MW6	09/10/87	01/11/16	14.23	---	36	36	4	---	10-35	---	8-36	---
MW7	09/10/87	12/21/00	14.84	---	36	36	4	---	10-35	---	8-36	---
MW8	09/10/87	12/21/00	13.45	---	36	36	4	---	10-35	---	8-36	---
MW9	05/12/88	12/21/00	14.64	---	33	33	4	---	7-32	---	6-33	---
MW10	11/27/89	12/21/00	14.05	10	25.5	25	4	Sch 40 PVC	15-25	0.010	13-25	---
MW11	11/27/89	12/21/00	13.55	10	30.5	30	4	Sch 40 PVC	15-30	0.010	14-30	---
MW12	11/28/89	Lost	12.61	10	15.5	15.5	4	Sch 40 PVC	5-15	0.010	4-15.5	---
MW13	11/28/89	12/21/00	14.20	10	15.5	15	4	Sch 40 PVC	5-15	0.010	4-15	---
MW14	10/31/90	01/12/16	15.14	10	18.5	17	4	PVC	7-17	0.010	5.5-17	---
MW15	10/31/90	12/21/00	13.73	10	17	17	4	PVC	7-17	0.010	5.5-17	---
MW16A	08/24/09	01/12/16	13.02	8	14	12.5	2	PVC	7.5-12.5	0.020	6.5-14	#3 Sand
MW16B	08/24/09	01/12/16	13.19	8	24	24	2	PVC	20-24	0.020	18-24	#3 Sand
MW17A	08/25/09	01/12/16	13.99	8	13	13	2	PVC	8-13	0.020	6.5-13	#3 Sand
MW17B	08/25/09	01/12/16	13.92	8	26	26	2	PVC	22-26	0.020	20-26	#3 Sand
MW18A	08/25/09	01/11/16	13.55	8	14	14	2	PVC	9-14	0.020	7-14	#3 Sand
MW18B	08/25/09	01/11/16	13.21	8	31	31	2	PVC	26-31	0.020	24-31	#3 Sand
MW19A	08/26/09	01/11/16	15.05	8	14	14	2	PVC	9-14	0.020	7-14	#3 Sand
MW19B	08/26/09	01/11/16	15.05	8	26	24	2	PVC	20-24	0.020	18-26	#3 Sand
MW20	05/09/14	01/12/16	12.58	10	13.5	13.5	2	PVC	8-13.5	0.020	7-13.5	#3 Sand
MW21	05/09/14	01/12/16	11.82	10	13	13	2	PVC	8-13	0.020	7-13	#3 Sand
VW1	02/11/93	Destroyed	14.01	12	8	7	4	Sch 40 PVC	4-7	0.10	3-7	---
VW2	02/11/93	12/21/00	14.09	12	10	10	4	Sch 40 PVC	5-10	0.10	4-10	---
VW3	02/11/93	12/21/00	13.37	12	8	8	4	Sch 40 PVC	5-8	0.10	4-8	---

TABLE 1
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 73006
720 High Street
Oakland, California

Well ID	Well Installation Date	Well Destruction Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
RW1	April 1994	01/13/16	13.76	---	---	---	6	---	---	---	---	---
RW2	April 1994	01/13/16	13.45	---	---	---	6	---	---	---	---	---
RW3	April 1994	01/13/16	13.12	---	---	---	6	---	---	---	---	---
RW4	April 1994	01/18/16	12.65	---	---	---	6	---	---	---	---	---
RW5	April 1994	12/21/00	---	---	---	---	6	---	---	---	---	---
RW6	April 1994	12/21/00	---	---	---	---	6	---	---	---	---	---
RW7	April 1994	12/21/00	---	---	---	---	6	---	---	---	---	---
AS1	April 1994	01/13/16	---	---	---	---	---	---	---	---	---	---
AS2	April 1994	01/14/16	---	---	---	---	---	---	---	---	---	---
AS3	April 1994	01/14/16	---	---	---	---	---	---	---	---	---	---
AS4	April 1994	01/20/16	---	---	---	---	---	---	---	---	---	---
AS5	April 1994	01/18/16	---	---	---	---	---	---	---	---	---	---
AS6	April 1994	01/20/16	---	---	---	---	---	---	---	---	---	---

Notes:

TOC = Top of well casing elevation; datum is mean sea level.

PVC = Polyvinyl chloride.

feet bgs = Feet below ground surface.

--- = Not measured.

APPENDIX A

CORRESPONDENCE

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

November 9, 2015

Jennifer Sedlachek
Exxon Mobil
4096 Piedmont Avenue #194
Piedmont, CA 94611
(*Sent via E-mail to:* jennifer.c.sedlachek@exxonmobil.com)

Victor and Lye Chu
3915 Forest Hill Ave.
Oakland, CA 94602

Mohammed Mashoon
Mash Petroleum
428 13th Street, 10th Floor
Oakland, CA 94612
(*Sent via E-mail to:* mashpetroleum@yahoo.com)

Subject: Request for Well Decommissioning for Fuel Leak Case No. RO0000491 and GeoTracker Global ID T0600100552, EXXON #7-3006, 720 High Street, Oakland, CA 94601

Ladies and Gentlemen:

Alameda County Environmental Health (ACEH) is closing the above referenced fuel leak case. The public notification period ended on October 23, 2015 and no comments were received, so you may now decommission the monitoring wells. Please submit a *Well Decommissioning Report*, including signed profile and signed disposal documentation of the waste (both well decommissioning and remaining site waste) according to the following schedule:

TECHNICAL REPORT REQUEST

Please submit the following documents to Alameda County Environmental Health (Attention: Karel Detterman) and Geotracker, according to the following schedule:

- January 29, 2016– Well Decommissioning Report
  File to be named: RO491_WELL_DCM_R_yyyy-mm-dd

This report is 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 any questions, please contact me at (510) 567-6708 or send me an e-mail message at karel.detterman@acgov.org

Sincerely,

Karel Detterman, PG
Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements/Obligations and Electronic Report Upload (ftp) Instructions

cc: Scott Perkins, Cardno (Sent via E-mail to: Scott.Perkins@cardno.com)
Jim Chappell, Cardno (Sent via E-mail to: jim.chappell@cardno.com)
Mansour Sepehr, Soma Environmental (Sent via E-mail to: msepehr@somaenv.com)
Dilan Roe, ACEH, (sent via e-mail to: dilan.roe@acgov.org)
Karel Detterman, ACEH, (sent via e-mail: karel.detterman@acgov.org)
Geotracker, Electronic File

APPENDIX B

FIELD PROTOCOLS

Cardno
Well Destruction Field Protocol

All destruction techniques and methods should be Environmental Protection Agency, American Society of Testing and Materials and appropriate regulatory agency approved methodologies.

Preliminary Activities

Prior to the onset of field activities at the site, Cardno obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Cardno marks the borehole locations and contacts the local one call utility locating service at least 48 hours prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Prior to well destruction, the well borehole is cleared in accordance with the client's procedures. Fieldwork is conducted under the advisement of a registered professional geologist and in accordance with an updated site-specific safety plan prepared for the project, which is available at the job site during field activities.

Overdrilling Well Destruction Procedures

Each well to be destroyed is overdrilled to its respective total depth. The drill rig is equipped with a continuous flight hollow-stem auger of equal or greater size than the original well borehole. After the annular space backfill and casing(s) are removed from each well by overdrilling, the well borehole is backfilled by pumping the agency-specified sealing material through a tremie pipe placed within the augers to the total depth of the borehole. Each well borehole is backfilled from its respective total depth to within approximately 5 feet of surface grade. After the seal hardens, the remaining annular space of each well borehole is backfilled with hydrated bentonite chips to approximately 2 feet below ground surface (bgs) followed by sand to the base of the pavement, or 6 inches below grade if no pavement is present. The destruction of each well is completed to surface grade with material that best matches existing surface conditions and meets local agency requirements.

Pressure Grouting Well Destruction Procedures

Due to the potential close proximity of wells to buried utility lines, subsurface structures or surface structures, wells may be destroyed in place by pressure grouting. Prior to pressure grouting a well, the total depth of the well's casing is measured and compared to the well's original borelog and construction details to verify that obstructions are not present. If present, obstructions that would prevent adequate filling of the well must be removed before pressure grouting. An agency-specified sealing material is then pumped under pressure into the casing of the well. Pressure grouting must be continued until a sufficient amount of sealing material has been emplaced to ensure that the sand filter pack and well casing are filled to within 5 feet of surface grade. The amount of sealing material needed can be calculated using the following equation:

$$\text{Sealant (cubic feet)} = L * (R_b^2 + 2.1*R_c^2)$$

Where L is the length of casing (feet) to be filled (total length minus 5 feet),
R_b is the radius (feet) of the borehole and
R_c is the radius (feet) of the casing.

After the seal hardens, the well casing is removed to a depth required by client or local agency. The open hole is backfilled with 3 feet of hydrated bentonite chips followed by 1½ feet of sand to approximately 6 inches bgs. The remaining hole is completed with material that best matches existing surface conditions and meets local agency requirements.

Soil Sampling Procedures

If drilling has not been recently conducted at the site, Cardno collects a profile sample from the soil cuttings using a 6-inch long brass sleeve. The brass sleeve is sealed with Teflon™ tape, capped, placed in a cooler chilled to 4º Celsius and transported to a state-certified laboratory under proper chain-of-custody protocol.

Air Monitoring Procedures

Cardno performs a field evaluation for volatile hydrocarbon concentrations in the breathing zone using a calibrated photo-ionization detector or lower explosive level meter.

Waste Treatment and Soil Disposal

Soil cuttings generated from the well destruction are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. The soil is removed from the site and transported under manifest to a client- and regulatory-approved facility for recycling or disposal. Decontamination fluids are stored on site in labeled, regulatory-approved storage containers. Fluids are subsequently transported under manifest to a client- and regulatory-approved facility for disposal or treated with a permitted mobile or fixed-base carbon treatment system.

APPENDIX C

PERMITS

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: 12/16/2015 By jamesy

Permit Numbers: W2015-1095 to W2015-1111
Permits Valid from 01/15/2016 to 01/22/2016

Application Id: 1448478048663
City of Project Site: Oakland
Site Location: 720 High St, Oakland, CA
Project Start Date: 12/31/2015
Completion Date: 01/15/2016
Assigned Inspector: Contact Lindsay Furuyama at (925) 956-2311 or Lfuruyama@groundzonees.com
Extension Start Date: 01/15/2016
Extension End Date: 01/22/2016
Extension Count: 1
Extended By: jamesy

Applicant: Cardno - Scott Perkins
601 N McDowell Blvd, Petaluma, CA 94954
Phone: 707-766-2000

Property Owner: Mr. Mo Mashoon Mash Petrolium
428 13th St, 10th Flr., Oakland, CA 94612
Phone: --

Client: Exxon Jen Sedlachek
4096 Piedmont Ave, Oakland, CA 94611
Phone: 510-547-8196

Total Due: $6617.00
Receipt Number: WR2015-0606 **Total Amount Paid:** $6617.00
Payer Name : Cardno Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 16 Wells
Driller: Cardno ERI - Lic #: 611283 - Method: other

Work Total: $6352.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-1095	12/16/2015	03/30/2016	MW12	10.00 in.	4.00 in.	0.00 ft	15.50 ft			
W2015-1096	12/16/2015	03/30/2016	MW14	10.00 in.	4.00 in.	0.00 ft	17.00 ft			
W2015-1097	12/16/2015	03/30/2016	MW16A	8.00 in.	2.00 in.	0.00 ft	12.50 ft			
W2015-1098	12/16/2015	03/30/2016	MW16B	8.00 in.	2.00 in.	0.00 ft	24.00 ft			
W2015-1099	12/16/2015	03/30/2016	MW17A	8.00 in.	2.00 in.	0.00 ft	13.00 ft			
W2015-1100	12/16/2015	03/30/2016	MW17B	8.00 in.	2.00 in.	0.00 ft	26.00 ft			
W2015-1101	12/16/2015	03/30/2016	MW18A	8.00 in.	2.00 in.	0.00 ft	14.00 ft			
W2015-1102	12/16/2015	03/30/2016	MW18B	8.00 in.	2.00 in.	0.00 ft	21.00 ft			
W2015-1103	12/16/2015	03/30/2016	MW19A	8.00 in.	2.00 in.	0.00 ft	14.00 ft			
W2015-1104	12/16/2015	03/30/2016	MW19B	8.00 in.	2.00 in.	0.00 ft	24.00 ft			
W2015-1105	12/16/2015	03/30/2016	MW2	0.00 in.	4.00 in.	0.00 ft	36.00 ft			
W2015-1106	12/16/2015	03/30/2016	MW20	10.00 in.	2.00 in.	0.00 ft	15.50 ft			
W2015-1107	12/16/2015	03/30/2016	MW21	10.00 in.	2.00 in.	0.00 ft	13.00 ft			
W2015-	12/16/2015	03/30/2016	MW3	0.00 in.	4.00 in.	0.00 ft	36.00 ft			

Alameda County Public Works Agency - Water Resources Well Permit

1108							
W2015-1109	12/16/2015	03/30/2016	MW4	0.00 in.	4.00 in.	0.00 ft	36.00 ft
W2015-1110	12/16/2015	03/30/2016	MW6	0.00 in.	4.00 in.	0.00 ft	36.00 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 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.

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. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

10. 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.

11. Any well That is less than 2 inchs in diameter shall be drilled out to the total depth.

Remediation Well Destruction-Extraction - 10 Wells
Driller: Cardno ERI - Lic #: 611283 - Method: other **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 #
W2015-1111	12/16/2015	03/30/2016	AS1	0.00 in.	0.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	AS2	0.00 in.	0.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	AS3	0.00 in.	0.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	AS4	0.00 in.	0.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	AS5	0.00 in.	0.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	AS6	0.00 in.	0.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	RW1	0.00 in.	6.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	RW2	0.00 in.	6.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	RW3	0.00 in.	6.00 in.	0.00 ft	0.00 ft			
W2015-1111	12/16/2015	03/30/2016	RW4	0.00 in.	6.00 in.	0.00 ft	0.00 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. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

3. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

4. 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.

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

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. 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.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

9. Any well that is less than 2 inchs in diameter shall be drilled out to the total depth.

10. 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.

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

ENCROACHMENT PERMIT

TR-0120 (REV 6/2012)

Permit No.	
0415-6MW 2045	
Dist/Co/Rte/PM	
04-ALA-880 27.9	
DATE	
October 23, 2015	
Fee Paid	Deposit
$ 492.00	$
Performance Bond Amount	Payment Bond Amount
$	$
Bond Company	
Bond Number (1)	Bond Number (2)

In compliance with (Check one):

☒ Your application of September 28, 2015

☐ Utility Notice No. _____ of _____

☐ Agreement No. _____ of _____

☐ R/W Contract No. _____ of _____

TO: ☐ Exxon Mobile Oil Corporation
601 N. McDowell Blvd.
Petaluma, CA 94954

Attn: David S. Wright,
c/o Mr. Scott Perkins, Cardno

☐ Phone: (714) 968-7214 ☐ , **PERMITTEE**

and subject to the following, PERMISSION IS HEREBY GRANTED to:

Decommission monitoring wells, MW-20 and MW 21, near the Service Station (73006) 720 High Street, as required by the Alameda County Health Care Service Agency, Department of Environmental Health; located on local streets at Coliseum Way and at High Street Undercrossing behind the sidewalk area, on State Highway 04-ALA-880, Post Mile 27.9, in the City of Oakland.

A minimum of one week before the start of work under this permit, a notice must be given to and advance approval of construction detail, operations, public safety, and traffic control must be obtained from State Representative Sunny Mantravadi, 600 Lewelling Blvd., San Leandro, CA 94579, Surya.N.Mantravadi@dot.ca.gov or (510) 614-5951, weekdays between 7:30 AM and 4:00 PM, except holidays.

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

THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER.

The following attachments are also included as part of this permit (*Check applicable*):

☒ Yes	☐ No	General Provisions (TR-0045)
☒ Yes	☐ No	Utility & Tree Trimming Provisions (03/2013)
☒ Yes	☐ No	Storm Water Special Provisions (TR-0400)
☐ Yes	☐ No	A Cal-OSHA permit, if required: Permit No.
☐ Yes	☒ No	As-Built Plans Submittal Route Slip for Locally Advertised Projects
☐ Yes	☒ No	Storm Water Pollution Prevention Plan

In addition to fee, the permittee will be billed actual costs for:

☐ Yes	☒ No	Review
☒ Yes	☐ No	Inspection
☐ Yes	---------	Field Work

(If any Caltrans effort expended)

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

This permit is void unless the work is completed before October 31, 2016

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

DC
CC: Field: S. Mantravadi
Maint: B. Kimball
DTM :Mitch Tirado
TMC: J. Richardson D4TMC/D04/Caltrans/CAGov
Local: City of Oakland
Related Permit: 0415-6SV 0204 (Bond

APPROVED:

BIJAN SARTIPI, District Director, District 4

BY: Rajesh Oberoi for

DAVID SALLADAY, District Permit Engineer

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

ADDITIONAL GENERAL SPECIAL PROVISIONS:

All the Permittee's personnel must wear appropriate and approved personal protective equipment per Chapter 12 of Caltrans "Safety Manual" (available at http://www.dot.ca.gov/hq/opo/safety/safetymanual/Chap_12-Sept2012.pdf), including hard hats and bright-colored vests, shirts or jackets with retro-reflective material, while on State right-of-way.

Caltrans is not subscribed to Underground Services Alert (USA). Caltrans may have existing electrical, signal and communication facilities within 9" from the surface. Permittee shall identify all existing underground facilities prior to perform trenching or boring and also repair/replace any damaged Caltrans facility due to their operation.

All utility work must comply with the attached "Encroachment Permits Utility and Tree Trimming Special Provisions" (Rev. 03/2013) (available at http://www.dot.ca.gov/hq/traffops/developserv/permits/), which includes "Encroachment Permit General Provisions" (TR-0049, Rev. 05/2007).

All work must comply with the attached "Storm Water Special Provisions for Minimal or No Impact" (TR-0400, Rev. 09/2012) (available at http://www.dot.ca.gov/hq/traffops/developserv/permits/), in addition to Water Pollution Control Program (WPCP), if any.

All work must comply with the attached "Encroachment Permit General Provisions" (TR-0049, Rev. 05/2007) (available at http://www.dot.ca.gov/hq/traffops/developserv/permits/).

Streets and highways in the San Francisco Bay Area contain a significant number of existing underground utilities. This includes traffic signal conduits that are installed 9 inches or less in depth. Permittee is responsible for necessary site investigations for identification of the location and depth of existing underground facilities prior to excavation (e.g. pothole or hand-dig) to avoid damage or disruption in services.

Certain details of work authorized hereby are shown on Permittee's plan submitted with request for permit, and all work within State Right-of-Way shall conform to current State Standard Plans and Specifications.

The Permittee or the Contractor shall notify the State representative and submit an Encroachment Permit Work Scheduling Request Form 7days prior to the scheduled work activities.

Before any work is begun which will interrupt the normal flow of public traffic, approval shall be obtained from State representative.

No vehicle or equipment shall be stored overnight within the right-of-way; it shall be removed immediately at the completion of the project.

Permittee shall be responsible for the collection and removal of trash or garbage generated by these construction activities.

Any damage to existing State's facilities shall be repaired or replaced in kind by the Permittee at Permittee's expense.

Suitable barricades, signs and lights, as approved by State representative, to warn and protect traffic effectively shall enclose the site of the work.

No ingress or egress from the freeway to the worksite is permitted. Access to the work site for construction and any future maintenance activities shall be performed on local road.

Permittee shall provide safe pedestrian and bicycle passage around construction area.

Pedestrians should be provided with a reasonably safe, convenient, and accessible path that replicates as nearly as practical the most desirable characteristics of the existing sidewalk. Requiring pedestrians to cross at another intersection, as shown in Figure 6H-29 of the California Manual on Uniform Traffic Control Devices, has the potential to add significant delays for pedestrians, requiring out-of-direction travel. Instead, provide a pedestrian diversion directly around the work areas that does not involve crossing the roadway, using cane-detectable, continuous barriers if the pedestrian diversion is within the roadway. See page 6 in the Temporary Pedestrian Facilities Handbook for guidance on barriers: <
http://www.dot.ca.gov/hq/construc/safety/Temporary_Pedestrian_Facilities_Handbook.pdf>.

When the bike lane is closed, "Share the Road" sign must be posted.

If steel plates are used in bike lane/travel-way, "Steel Plate Ahead," (W8-24) sign must be posted.

Any future relocation of this facility for highway maintenance or construction shall be at the Permittee's expense. Section 703 of the Streets and Highway Code shall not apply.

When operations are conducted, the Permittee must furnish, place, and maintain signs and safety equipment per Part 2, Signs, and Part 6, Temporary Traffic Control, of the "California Manual on Uniform Traffic Control Devices" (CAMUTCD, available at http://www.dot.ca.gov/hq/traffops/engineering/mutcd/).

When approved, the traffic control performed under this permit shall be in accordance the appropriate State Standard 2010, Plans RSP 10, and RSP T11. For shoulder closure see RSP 10. Where required by the plan, the use of flashing arrow board is MANDATORY. Use of flagman is required.

Shoulder and /or parking (if applicable) may be restricted while work is actively in progress.

Provide one 12' minimum width thru traffic lane in direction of work within State Right-of-Way, to accommodate all traffic movements, on High Street, Monday-Friday between 10:00 PM – 5:00 AM. No lane closure permitted any other time. Holidays excluded.

Permittee must provide and maintain adequate lane closure.

Parking restrictions signs shall be obtained from the City of Oakland.

Permittee and the Contractor shall check with the City of Oakland within their jurisdiction for conflict in closure schedule, and cooperate and coordinate with all other construction work activities in that vicinity.

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

Permittee is responsible to remove or cover temporary information or guide road sign if there are no construction activities.

Any damage to existing facilities, landscaping or irrigation within the State Right-of-Way shall be replace in kind by the Permittee at Permittee's expense. Any damaged concrete sidewalk shall be replaced from score-line to score-line and shall be ADA Compliant.

Residue from saw cutting, coring and grinding operation shall be picked up by vacuum device. Residue shall not be allowed to flow across the pavement and shall not be left on the surface of the pavement.

Vacuumed slurry reside shall be disposed in accordance with, "Solid Waste Management" and "Storm Water Special Provisions for Minimal or No Impact."

Permittee shall remove and dispose of all drilled spoils outside of State Right-of-Way. Permittee shall provide records of all the sites of disposal facilities to State representative.

Where there are potential Caltrans electrical facilities (lighting, signal, metering, etc) exist on the project site and not shown on the plans, the Permittee shall be responsible to resolve any conflicts and changes during construction. The Permittee shall incur any additional cost when there are changes to the original plans.

The Permittee is responsible for any contaminated material and/or groundwater, which are generated due to excavation under this permit. The Permittee shall also adhere to all current rules and regulations which may apply for the containment, disposal and/or clean-up of any contaminated material and/or groundwater which is excavated.

Permittor reserves the right to impose any additional requirements or conditions, including considerations, for the use of its right of way, if such requirements or conditions are allowed by future legislation, administrative determination, and/or court decisions.

In case of conflict, permit requirement shall govern over existing Plans, Specifications & Estimates.

In addition to the above conditions, Permittee understand and acknowledges that the conditions, limitations, restrictions and reservation for access to state-owned highway right of way for telecommunications and information technologies, including consideration and means of access, are subject to current and ongoing Department and/or legislative review, and this permit may be revoked, made subject to different conditions, limitations, restrictions and reservations, or converted to license, lease or other form of agreement, upon reasonable notice.

Permittee understands and agrees that it will comply with the obligations of Titles II and III of the Americans with Disabilities Act of 1990 in the conduct of the event, and further agrees to indemnify and save harmless the State of California, all officers and employees thereof, including but not limited to the Director of Transportation, from any claims or liability arising out of or by virtue of said act.

No party other than the Permittee or Permittee's authorized agent is allowed to work under this permit.

A copy of this permit and local permit, complete with all attachments, shall be kept by Permittee/Contractor working under this permit and must be shown to the State representatives, or Law Enforcement Officer, on demand.

Permittee shall be billed for any additional inspection cost at the current Caltrans standard hourly rate of $82.00 per hour.

Permittee shall be responsible for full compliance with the Caltrans Storm Water Program and the Caltrans NPDES permit requirements. Please see the Storm Water Special Provisions attached to this Permit.

Any work involving bona-fide emergency repair on Permittee's facilities shall be initiated with Caltrans District 4 Communications center at (510) 286-6359 to obtain an appropriate lane closure or work authorization number. Emergencies are defined as those conditions that require immediate action to prevent property damage, loss of service, or life-safety risks.

The monitoring well must be abandoned in compliance with the requirements of the Department of Water Resources Publication, "Water Well Standards: State of California" (DWR Bulletin 74-81, available at http://www.water.ca.gov/groundwater/).

Permittee shall refer to State's 2010 Standard Specifications and 2010 Standard Plans.

Permittee shall be responsible for any liability issue due to the proposed improvements within State Right-of-Way.

Permittee shall make an effort in controlling construction noise pollution within the local City ordinance.

California Endangered Species Act must be adhered to the law, regulations and policies in the provisions, http://www.dfg.ca.gov/habcon/cesa/.

Migratory Bird Treaty Act must be adhered to the law, regulations and policies in the provisions, http://www.fws.gov/migratorybirds/RegulationsandPolicies.html ; no work shall be allowed during bird nesting and the nesting area must not be disturbed and shall be protected.

Changes to the Plans, Specifications, and Permit Provisions are not allowed without prior approval from the State representative.

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

APPENDIX D

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ERI

Manifest Document No. 2 [illegible] 2 [illegible] 21

2. Page 1 of 1

3. Generator's Name and Mailing address
ExxonMobil Environmental Services/Manpower Contractor
3700 W. 190th St. NTO #1106, Torrance, CA 90504

[illegible] High St. Oakland, CA
EM (73006)

4. Generator's Phone: (310) 212 2938

5. Transporter 1 Company Name: CARDNO

6. US EPA ID Number

A. State Transporter's ID 707-795-2000

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
INSTRAT INC.
1105 C. AIRPORT ROAD
RIO VISTA, CA 94571

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 530-753-1829

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS PURGE WATER	1	Trailer	15	
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: On behalf of Exxon Mobil Azar R Mardanov | Signature: [signature] | Date Month 01 Day 21 Year 16

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JOE D LECATS | Signature: [signature] | Date Month 1 Day 25 Year 16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: MICHAEL WHITEHEAD | Signature: [signature] | Date Month 1 Day 25 Year 16

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE