RECEIVED

By Alameda County Environmental Health 10:59 am, Jun 04, 201

April 24, 2015

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

Subject: Well Decommissioning Report Former AutoPro 5200 Telegraph Avenue, Oakland, California Case Number RO0000323 GeoTracker Global ID T0600100131 PSI Project No. 575-401-2

Dear Ms. Detterman:

Tri Star Partnership is pleased to submit the Well Decommissioning Report for the subject site. Please refer to the attached report for details.

I declare, under penalty of perjury, that the information contained in the attached Well Decommissioning Report are true and correct to the best of my knowledge, without independently investigating or verifying the information contained therein.

If you have any questions regarding this report or any aspect of the project, please call Mr. Frank Poss with PSI at 510-434-9200 (x303).

Sincerely,

George Tuma General Partner Tri Star Partnership

cc: Mr. Frank Poss, PSI



WELL DECOMMISSIONING REPORT

FORMER AUTOPRO 5200 TELEGRAPH AVENUE OAKLAND, CALIFORNIA

WELL DECOMMISSIONING REPORT

FORMER AUTOPRO 5200 TELEGRAPH AVENUE OAKLAND, CALIFORNIA

prepared for

Tri Star Partnership 30 Arjang Court Alamo, California 94507

prepared by

Professional Service Industries, Inc. 4703 Tidewater Avenue, Suite B Oakland, California 94601 (510) 434-9200

> April 24, 2015 PSI Project No. 575-401-2





April 24, 2015

Tri Star Partnership 30 Arjang Court, Alamo, California 94507

Attention: Mr. George Tuma

Subject: Well Decommissioning Report Former Autopro 5200 Telegraph Avenue, Oakland, California PSI Project No. 575-401-2

Dear Mr. Tuma:

Professional Service Industries, Inc. (PSI) is pleased to present this report documenting the decommissioning of the five monitoring wells located at the subject site. The well decommissioning was performed on March 27, 2015. This report presents a description of the work performed and includes a copy of the required permits obtained from the Alameda County Public Works Agency (ACPWA) and the City of Oakland.

If you have any questions regarding this report or any aspect of the project please do not hesitate to contact us at (510) 434-9200.

Sincerely,

PROFESSIONAL SERVICE INDUSTRIES, INC. RED GEO BRAND W. BURFIELD NO. 6986 Brand Burfield, PG 69 Frank R. Poss **Project Geologist** Principal Consultant CA



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- Appendix A Well Completion Reports
- Appendix B-PermitsAppendix C-Waste Disposal Documentation



STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

Information provided in this report is intended exclusively for Tri Star Partnership, (PSI Project Number 575-401) for the decommissioning of wells MW-1 through MW-5 at the subject site. Professional Service Industries, Inc. is responsible for the facts and accuracy of the data presented herein. The professional services provided have been performed in accordance with practices generally accepted by other geologists, hydrologists, hydrogeologists, engineers, and environmental scientists practicing in this field. No other warranty, either expressed or implied, is made.

This Well Decommissioning Report is issued with the understanding that PSI will provide the report to the appropriate regulatory agencies through an upload to the California State GeoTracker database. This report has been reviewed by a geologist who is registered in the State of California and whose signature and license number appears below.

Frank R. Poss Principal Consultant

RED GEC BRAND W. BURFIELD NO. 6986 Brand Burfield, PG 6986? Project Geologist CAL



INTRODUCTION

The site is located at 5200 Telegraph Avenue in Oakland, Alameda County, California (see Figure 1 - Site Location Map). The subject site is a triangular-shaped property (APN No. 14-1225-17-2) measuring about 9,000 square foot in plan area.

The site is currently a Test Only Smog Station, but was used as an automobile filling and service station (Autopro) from 1973 to 1990. The site was under environmental investigation due to historical release of fuel to the subsurface associated with leaking underground storage tanks (LUSTs). Groundwater monitoring wells MW-1 through MW-4 were installed in April, 1994 as part of the investigation regarding the release. An off-site monitoring well from a southwest-adjacent LUST site (MW-4 from the former Chevron station at 5101 Telegraph Ave.) was added to the site's monitoring program in July 1998, with its name changed to MW-5 to avoid confusion with the existing on-site MW-4. It was agreed that Tri Star Partnership would be responsible for the eventual abandonment of Chevron's MW-4. Copies of the well installation diagrams are presented in Appendix A. The approximate locations of the wells are presented in Figure 2 – Monitoring Well Location Map.

On November 14, 2014, notice of closure of this former LUST case was issued by Ms. Karel Detterman of Alameda County Environmental Health (ACEH) with a requirement to decommission the monitoring wells at the site. Professional Service Industries, Inc. (PSI) was retained by Tri Star Partnership to perform the decommissioning of the wells. This report presents a description of the work performed and includes copies of the permits obtained from the regulatory and City agencies for the decommissioning of monitoring wells MW-1 through MW-5.

SCOPE OF WORK

The work consisted of the decommissioning of five monitoring wells (MW-1 through MW-5) at the subject site. The scope of work for the well decommissioning included:

- Reviewing the monitoring well installation records;
- Obtaining permits for the destruction of the wells from the Alameda County Public Works Agency (ACPWA) and the City of Oakland;
- Decommissioning the monitoring wells in general accordance with ACPWA and California Department of Water Resources (DWR) guidelines;
- Completion and submittal of required DWR Well Completion Reports; and
- Preparing this report.

Copies of the well destruction, excavation and obstruction permits are presented in Appendix B.



WELL DECOMMISSIONING

Pre-Field Activities

<u>Underground Service Alert</u> - Prior to initiation of field drilling activities, PSI marked the proposed boring location in the street and contacted Underground Service Alert (USA) a minimum of 48 hours prior to beginning work to locate any potential buried utilities. The USA inquiry identification number (or "Ticket Number") for the utility locate request was #130054.

<u>Well Destruction Permits</u> – Prior to decommissioning of the wells, PSI obtained Well Destruction Permits (Permit Numbers W2015-189 through W2015-193) from the Alameda County Public Works Agency, Water Resources Division (ACPWA). A copy of the permits is included in Appendix B.

<u>Public Right-Of-Way Permits</u> – For the decommissioning of MW-5, which is located within the public right-of-way, the work required temporarily shutting down traffic in the right-hand, northbound lane of Telegraph Avenue adjacent to the site. As required for work in the right-of-way, PSI applied for and obtained both an Excavation Permit and an Obstruction Permit from the City of Oakland Planning and Building Department. As a condition to obtain the Obstruction Permit, PSI also submitted a Traffic Control Plan (TCP) for approval by the City of Oakland Transportation Services Division. As part of the requirements for TCP approval, PSI coordinated with and obtained permission from AC Transit for the temporary relocation of the bus stop (Stop ID Number 56646) blocked by the lane closure. PSI contracted Traffic Management, Inc. of San Leandro, California, to prepare the TCP. Copies of the City of Oakland permits and the approved TCP are included in Appendix B.

Method Selection

Five monitoring wells (MW-1 through MW-5) were decommissioned on March 27, 2015. Prior to decommissioning, the wells were uncapped and sounded. Sounded depths of wells MW-1, MW-3 and MW-4 did not agree with the construction data for the wells; the sounded depths measured about 5 to 10 feet less than their installation depth, indicating a blockage (e.g. siltation or stuck bailer) or an irregularity (e.g. bend, kink or break) in the well casings. As such, these 3 wells were planned to be drilled out to their total installed depths. Well MW-5, located in Telegraph Avenue, was also planned to be drilled out.

Due to the close proximity of overhead or underground utilities, it was determined that it would be unsafe to drill out wells MW-1 and MW-5. As such, permission to decommission these wells using the pressure grout method was requested of, and subsequently granted by Mr. Steve Miller of the ACPWA.



Decommissioning

Two (2) wells (MW-3 and MW-4) were destroyed by drilling them out. Initially, the flush-mounted, protective well box at the surface of each well was removed from the ground surface. The wells were then destroyed by drilling out the well casings and annular materials with an 8-inch diameter, hollow-stem auger to a depth of approximately 26 feet (one foot beyond their total installed well depths). The resultant boreholes were subsequently filled with a grout mixture consisting of 95% Portland Type II cement and 5% powdered bentonite, placed from the bottom of the well to the surface using a tremmie pipe. The holes were topped with asphalt patch or tinted concrete to match the adjacent ground surface.

Three (3) wells (MW-1, MW-2 and MW-5) were decommissioned using the pressure grouting method. The well casings were filled with a grout mixture consisting of neat Portland Type II cement, mixed at a ratio of no more than 6 gallons of water per 94 pounds of cement. The grout was placed from the bottom of the wells to the surface using a tremie pipe. A grout pump was then attached to the head of each well casing using a water-tight fitting and used to pressurize the casing with grout at 25 psi for no less than 5 minutes. The protective well boxes at the surface of each well were removed from the ground and the resultant holes were backfilled with concrete and topped with asphalt patch to match the existing ground surface.

Drilling and grouting services for the decommissioning of the wells were provided by V&W Drilling Inc. of Stockton, California. Mr. Steve Miller of the ACPWA was present at the site for inspection of the well decommissioning. PSI contracted Traffic Management, Inc. of San Leandro, California, to perform the traffic control services during the decommissioning of MW-5. A copy of the TCP, which shows a diagram of the locations and types of signage, traffic cones and other safety devices used for the lane closures, is included in Appendix B.

Well Completion Reports

A California Department of Water Resources (DWR) Well Completion Report was subsequently completed for each well, signed by the licensed drilling contractor, and sent to Mr. Miller of the ACPWA for filing with the DWR. Copies of the form and the attachments (geologic log and well construction diagram) for each well are presented in Appendix A.



WASTE DISPOSAL

Waste from the well decommissioning activities, in the form of annular well material (sand, bentonite and cement), metal well boxes, PVC casing and small amounts of concrete, were placed in four (4) 55-gallon drums. The drums were labeled with the date and pertinent project information, and secured and stored on-site for pickup and proper disposal. Additionally, one (1) 55-gallon drum of purge water was on site from the most recent groundwater monitoring event.

PSI contracted a licensed waste hauler, National Response Corporation of Alameda, California (NRC) to pick up the 5 drums and transport them to a suitable site for proper disposal. A copy of the most recent groundwater laboratory analytical report was provided to NRC to characterize the waste for disposal, as we expect that to be a conservative characterization of contamination that may be present in both the purge water and the annular well materials. The drums were picked up from the site by NRC on April 21, 2015. A copy of the analytical report and the waste disposal manifest is included in Appendix C.

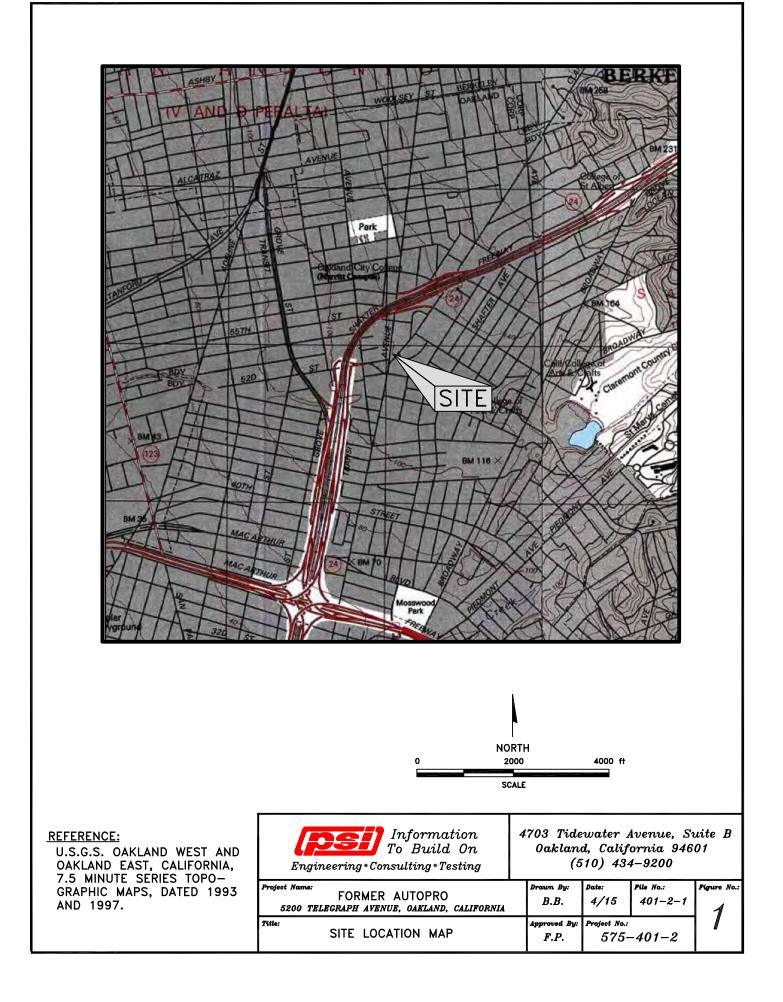
CONCLUSIONS

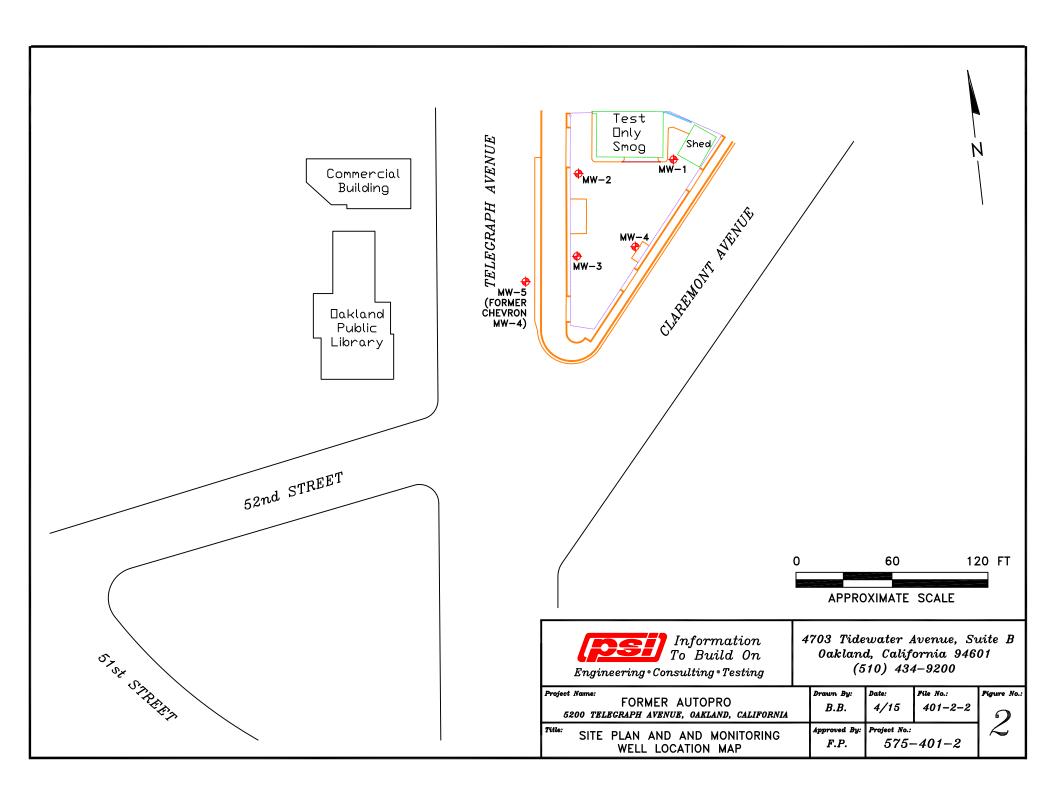
A total of five (5) wells were decommissioned at the site on March 27, 2015, as required by the ACEH for case closure. All waste, drums, debris and other investigation- or remediation-derived materials have been removed from the site for disposal in accordance with applicable regulatory requirements. As such, it is our opinion that the subject LUST case (ACEH Fuel Leak Case No. RO0000323) qualifies for closure. PSI will submit a copy of this report to the ACEH via electronic upload and to the State Water Resources Control Board's Geotracker database.



FIGURES







<u>APPENDIX A</u>

WELL COMPLETION REPORTS



STATE OF CALIFORNIA DWR WELL COMPLETION REPORT (WELL LOGS)

	Environmental Science & Engineering, Inc.				LL COMPI		OG AND ION SUMMARY	MW-1
C.	ELL COMPLETION mpletion Depth: 30 Feet Size/Type From sing: 2° Diam. Blank Sch. 40 PVC 0,6 Feet reen: 2° Diam. Slotted (0.020°) Sch. 40 PVC 15.0 Feet	To 15.01		Location;	ame: Autopro 5200 Telegraph Ave Oakland, California		Project No; 6-94-5219	Page 1 of 1
Fa Se	reen: 2" Diam. Stotled (0.020") Sch. 40 PVC 15.0 Feet IBF: 42-12 Sand 14.0 Feet al: Bentonite Pellets 12.0 Feet Portland Cement 1.0 Feet all Cap of Box: Morrison 418XA-7" Well Box	30.01 30.01 14.01 12.01	Feet Feet	Method: H Hole Diam Ref. Eleva	vils Exploration Servic Hollow Stem Auger (C teter: 8 Inches Itions: y: Bart Miller	CME 75) Depth: 30 Feet	Dates: Start: 4-11-94 Finish: 4-11-94
Depth (ft)	Lithologic Description	nsc	Sample/ Blows	Graphic Los Lithology	g Well Installation	Vapor	Remarks Water, drilling/completion, summ	iary, sample type
	ASPHALT-three inches. FitL-five inches, gravel with sand-sit-clay matrix. CEMENT-four inches. DORMATRONAL SEDUMENTS SILTY CLAY, dark brown to black, moderate plasticity, dry, no odor. As above, dark green-grey, dry to damp, petroleum hydrocarbon odor. SANDY GRAVEL, brown with reddish mottling, friable, damp to moist, no odor.	OL GC	Blows 2 5 6 8 1 1 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0.6 1.3 2.1	SAMPLE @ 5 FEET SAMPLE @ 10 FEET SAMPLE @ 10 FEET SAMPLE @ 15 FEET Water Saturation F Water Saturation MICHAEL E. QUILLIN #5315	START 8:34 9:44 9:04 9:16
30			F				TOTAL DEPTH - 30 FEET	//

STATE OF CALIFORNIA DWR WELL COMPLETION REPORT (WELL LOGS)

	Environmental Science & Engineering, Inc.						OG AND ION SUMMARY Project No: 6-94-5219	MW-2
0 0	ELL COMPLETION Depth: 25 Feet Size/Type From asing: 2* Diam. Blank Sch. 40 PVC 0.5 Feet	To 15.0	Feet	Location; (5200 Tələgraph Avə Oakland, California			Page 1 of 1
Fi Si	arteen: 2" Diam. Slotted (0.020") Sch. 40 PVC 15.0 Feet ter: #2-12 Sand 14.0 Feet val: Bentonite Pellets 12.0 Feet Portland Cement 1.0 Feet ell Cap or Box: Morrison 418XA-7" Well Box	25.0 25.0 14.0 12.0	Feet Feet Feet	Method: H Hole Diam Ref. Eleva	ils Exploration Servi follow Stem Auger (f reter: 8 Inches tions; 7: Bart Miller	CME 75) I Depth: 25 Feet	Dates: Start: 4-11-94 Finish: 4-11-94
Depth (ft)	Lithologic Description	nsc	Sample/ Blows	Graphic Log Lithology	Well Installation	Vapor	Remarks Water, drilling/completion, summ	ary, sample type
	ASPHALT-three inches. FILL-nine inches, concrete fragments in sand-silt-clay matrix. <u>FORMATIONAL SEDIMENTS</u> SILTY CLAY, dark brown to black, moderate plasticity, dry, no odor. As above, dark green-grey, dry to damp, petroleum hydrocarbon odor. SANDY GRAVEL, minor clay-silt in matrix, brown, friable, moist to wel, no odor.	OL GC				4.1	SAMPLE @ 5 FEET SAMPLE @ 10 FEET SAMPLE @ 10 FEET Waby Saturation SAMPLE @ 15 FEET TO TAL DEPTH = 25 FEET TO TAL DEPTH = 25 FEET MICHAEL E. QUILLIN #5315 FF OF CALIFORNIA	START 12:44 13:01 13:10

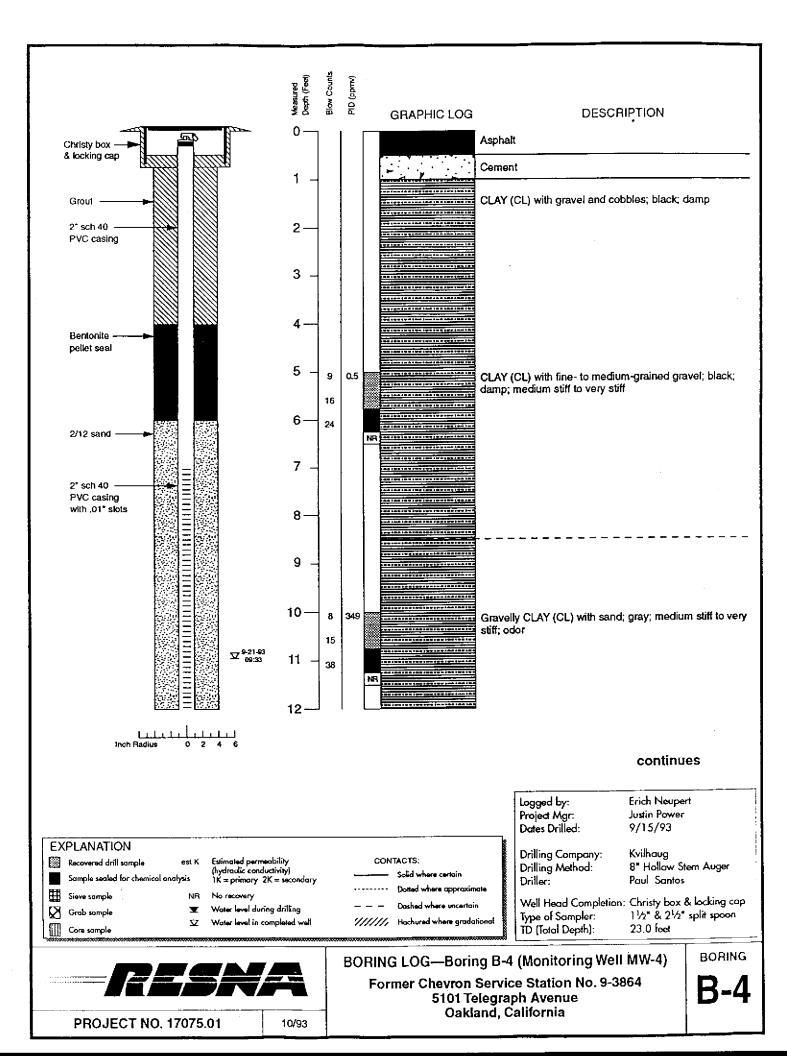
STATE OF CALIFORNIA DWR WELL COMPLETION REPORT (WELL LOGS)

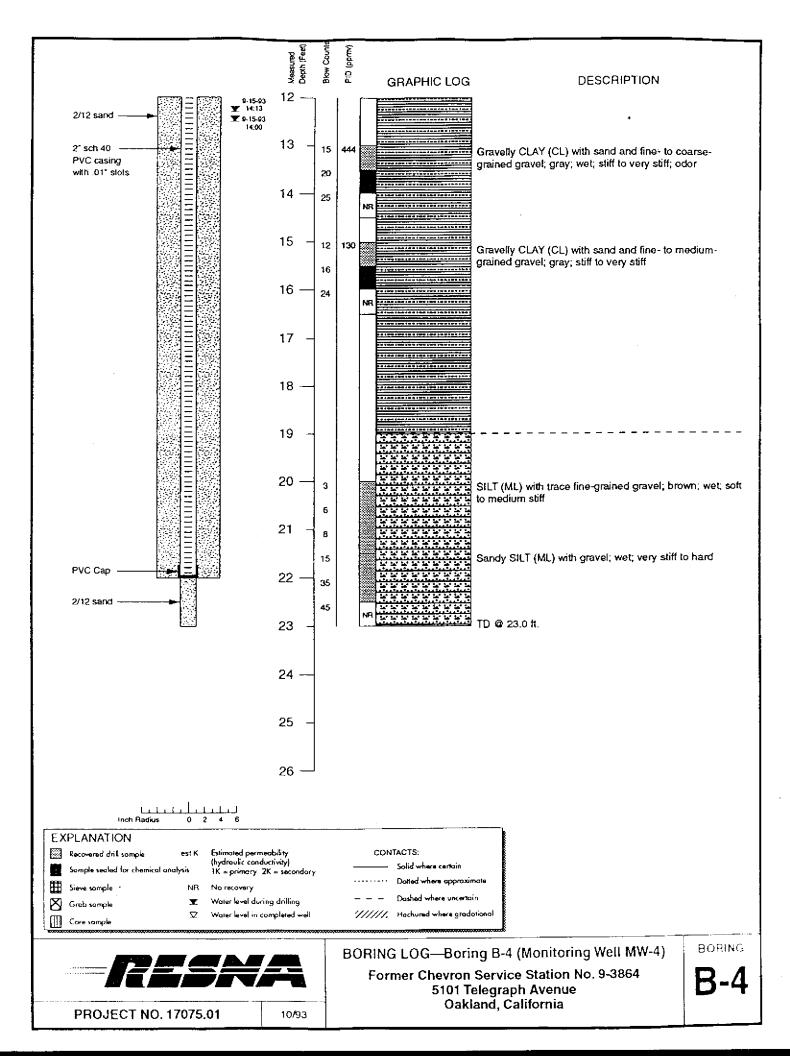
	Environmental Science & Engineering, Inc.						OG AND ION SUMMARY Project No: 6-94-5219	MW-3
C0	ELL COMPLETION mpletion Depth: 25 Feat Size/Type From sing: 2° Diam. Blank Sch. 40 PVC 0,5 Feet	To 15.0 F		Location: t	5200 Telegraph Ave Dakland, California	,	Project NG, 6-94-0219	Page 1 of 1
Sc Fili Se	reen: 2" Diam. Slotted (0.020") Sch. 40 PVC 15.0 Feet ler: #2-12 Sand 14.0 Feet	25.0 F 25.0 F 14.0 F 12.0 F	Feel Feel Feel	Method: H Hote Diama Ref. Eleval	ils Exploration Servi Iollow Stem Auger (f eter: & Inches tions: ': Bart Miller	CME 75) Depth: 25 Feet	Dates: Start: 4-11-94 Finish: 4-11-94
Depth (ft)	Lithologic Description	nsc	Sample/	Graphic Log	Well Installation	Vapor	Remarks Water, drilling/completion, summ	ary, sample type
	ASPHALT-three inches. FILL-nine inches, gravel in sand-sill-clay matrix. <u>EORIMATIONAL SEDIMENTS</u> SILTY CLAY, black, moderate plasticity, dry, petroleum hydrocarbon odor.	S) OL GC	Blows	Lithology		0 1071	SAMPLE @ 5 FEET SAMPLE @ 10 FEET	START 15:55 16:03 16:12 18:21
35							ST OF CALIFORNI	

STATE OF CALIFORNIA DWR WELL COMPLETION REPORT (WELL LOGS)

	Environmental Science & Engineering, Inc.		• • • • • • • • • • • • • • • • • • •				OG AND ION SUMMARY Project No: 6-94-5219	MW-4
Сс	Size/Type From	То		Location: 5	5200 Telegraph Ave Dakland, California	nuə	Tiojourieu, oranozia	Page 1 of 1
Sc Fil Se	Ising: 2" Diam. Blank Sch. 40 PVC 0.5 Feet 19601: 2" Diam. Slotted (0.020") Sch. 40 PVC 15.0 Feet 1977 #2-12 Sand 14.0 Feet 1971 #2-12 Sand 14.0 Feet 12.0 Feet Portland Cement 1.0 Feet sill Cap or Box: Morrison 418XA-7" Well Box	15.01 25.01 25.01 14.01 12.01	Feel Feel Feel	Method; H Hole Diam Ref. Elevai	Is Exploration Servi ollow Stern Auger ((ater: 8 Inches ions: : Brian McAloon	CME 75	Depth: 25 Feet	Dates: Start: 4-12-94 Finlsh: 4-12-94
Depth (ft)	Lithologic Description	USC	Sample/ Blows	Graphic Log Lithology	Well Installation	Vapor	Remarks Water, drilling/completion, summ	ary, sample type
			Blows	Lithology	Wel Installation	2.3 87.5 23.8	Water, drilling/completion, summ SAMPLE @ 5 FEET SAMPLE @ 10 FEET @ 11:45 Water Saturation SAMPLE @ 15 FEET @ 11:54 TOTAL DEPTH = 25 FEET TOTAL DEPTH = 25 FEET MICHAEL E. QUILLIN #5315 FOR CALIFORN	
35 -		+						

STATE OF CALIFORNIA DWR WELL COMPLETION REPORT (WELL LOGS)





APPENDIX B

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: 03/12/2015 By jamesy

Permit Numbers: W2015-0189 to W2015-0193 Permits Valid from 03/17/2015 to 03/30/2015

Application Id: Site Location:	1424908411978 5200 Telegraph Avenue (Test Only SMOG Station)	City of Project Site:Oakland
Project Start Date: Assigned Inspector:	Oakland, California 94609 03/17/2015 Contact Steve Miller at (510) 670-5517 or stevem@	Completion Date:03/30/2015 acpwa.org
Applicant:	Professional Service Industries, Inc Brand	Phone: 510-434-9200 x305
Property Owner: Client:	Burfield 4703 Tidewater Avenue, Suite B, Oakland, CA 946 George Tuma 30 Arjang Court, Alamo, CA 94507 ** same as Property Owner **	01 Phone: 925-831-8862

Total Due: Receipt Number: WR2015-0099 Total Amount Paid: Payer Name : Professional ServicePaid By: CHECK

Industries, Inc.

Works Requesting Permits:

Well Destruction-Monitoring - 5 Wells Driller: V&W Drilling, Inc. - Lic #: 720904 - Method: over

Specifications DWR # Permit # Issued Date Expire Date Owner Well Hole Diam. Casing Seal Depth Max. Depth State Well # Orig. ld Diam. Permit # W2015-03/12/2015 06/15/2015 MW-1 8.00 in. 2.00 in. 14.00 ft 30.00 ft 0189 03/12/2015 06/15/2015 MW-2 2.00 in. 14.00 ft 25.00 ft W2015-8.00 in. 0190 W2015-03/12/2015 06/15/2015 MW-3 8.00 in. 2.00 in. 14.00 ft 25.00 ft 0191 W2015-03/12/2015 06/15/2015 MW-4 8.00 in. 2.00 in. 14.00 ft 25.00 ft 0192 W2015-03/12/2015 06/15/2015 MW-5 8.00 in. 2.00 in. 6.00 ft 22.00 ft 93361 (Z7) 0193

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.

Work Total: \$1985.00

\$1985.00

\$1985.00

PAID IN FULL

Alameda County Public Works Agency - Water Resources Well Permit

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.

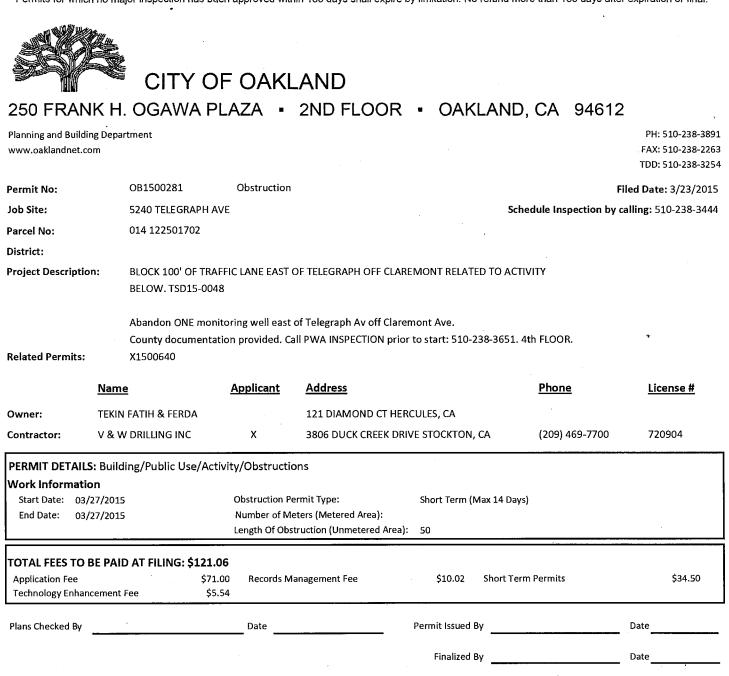
6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

8. Remove the Christy box or similar structure. Destroy all other wells 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.

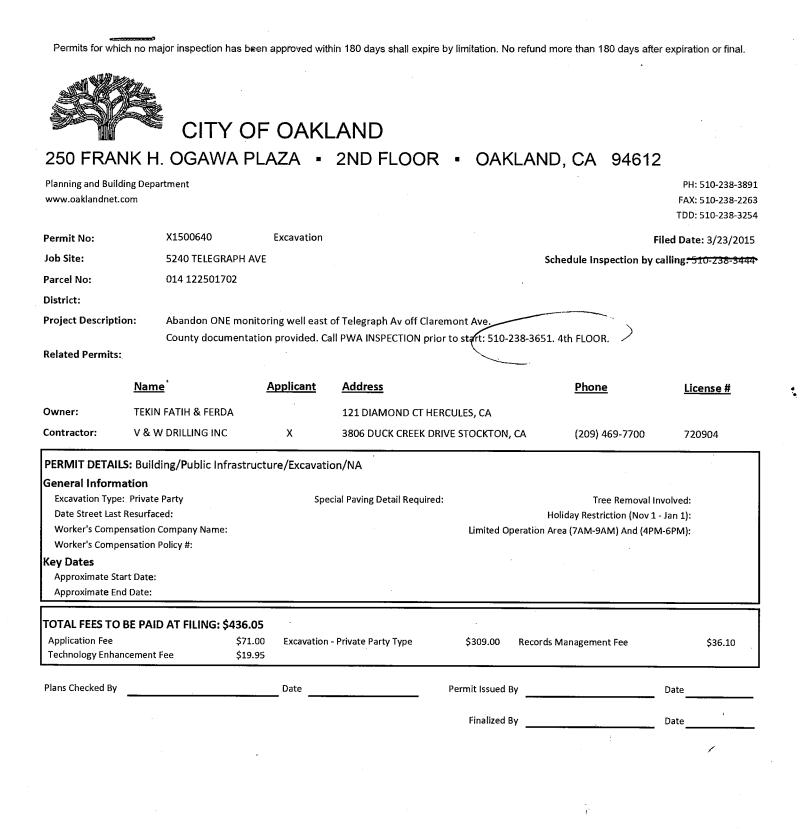
9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

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.



1





FIELD COPY

CITY OF OAKLAND



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

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

Traffic Engineering Services Analysis Fee Invoice

Date: March 19, 2015

TSD Invoice # : _____15-0048

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To:	Brand Burfield
Company:	Professional Service
Address:	4703 Tidewater Ave, Ste B Oakland, CA 94601
Phone:	510-434-9200 x305

Created/Received By:

Joe Watson

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

* - minimum 1 hour service

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

Cc: Rosalie

APPLICA	TION FOR TRAF	FIC CONTROL PLAN	Tran	sportation Services Fee: \$123/hour
	•	RECEIVED	(Che	ck or Money Order Only)
AR	City of Q	KLODO BLIC WORKS AGEN	NG 🎽	Check the box that apply: New Application (Utility, Excavation)
Public Works A Transportation Serv		15 MAR 11 PM 2:	00 ·	New Development w/ Mgmt Plan
Please Read t	he Following St	atements Below:		
1. Processing time	for a Traffic Control A	Application is a minimum of 10	business days.	
3. A scheduled app any and all traffi	pointment by phone of c control application a	or email with a TSD staff membe nd plans.	er is necessary to	
		traffic control application is read		
		to the work area must be provide n may be faxed to (510) 238-741		ice notice.
		s will not be processed and retur		mmediately.
8. The initial appro	val for a traffic control	plan is 1 month, the renewal su	bmittal may be ap	pproved up to 3 months.
		not be changed or extended if w		
obtain an obstr		raπic control application, contrac	ctor shall proceed	to the Permit Center to "Obstruction
Contact Person:	BRAND BU	ZETCI D	Phone: (5)	0) 434-9200 (x 305)
Name of Company:		SERVICE INDUSNICES		0) 434-7676
		ATER AVE. STE.B, OA		
Describe type of work	to be performed: DRL	LIDE IN NB LANE	OF NELEGR	APJ AVE AT CLAREMONT AVE.
Location of work: YE	EGRAPH AVER	E Between* OMARE Ho	NT AVE And*	55 M STREET
Work date (s): MA	201 27,2015	Mon-Fri Sat-Sun Work Ho	ours: 10:00 AL	to 3:00 PM
Please Folio	w these Steps	s in Order to Complet	te a Traffic	Control Plan:
A. Drawing Area Include the enti	: The full width of all stre e block in which your wo	eets adjacent to the site MUST be inc rk is located for every street that is a	luded in the drawing djacent to your site.	
B. Include Stree	t Names, Direction o	of Traffic on the Street, and No	orth Arrow	
C. Show Existin	g Number of Lanes	in all Directions (with any pavem	ent arrows)	
D. Check the Bo	ox(s) that Apply: <u>All c</u>	checked items MUST be shown	on the drawing	
🗶 Lane Cl	osure	Use of Median	Sidew	alk Closure
L Street C	losures (must provide detou	r plan) 🛛 Use Parking Lan	e (must	provide pedestrian walk way)
		ns (curb to curb), lane widths, sidewa n / Plans missing the above in		area dimension. ot be accepted or processed.)
F. Show the Na signs to be use	mè and Locations of ^{d.}	all advanced warning devices, flagge	ers, delineators, war	ning and construction
RENEWAL PROCESS	Resubmit a completed Tra	ffic Control Application with the old app	roved plan (with the n	ecessary modifications / changes to the plans).
California Manual on U http://www.dot.ca.gov	niform Traffic Control (MUT /hg/traffops/signtech/mu	CD) 2003, Chapter 6. tcdsupp/ca_mutcd.htm	nce Guide 2007, Worl	Area Traffic Control Handbook 2006, or the
	www.oaklandpw.com/Page			
name the streets that	are the boundaries of your	work area.		

250 Frank H. Ogawa Plaza, Suite 4344

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SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: _____ Project Number: TSD-15-0048 Reviewed By: JWatson _____ Date: 3/19/2015 Permit good from 03/27/2015 to ____03/27/2015____

ADD NEW SUBSECTION TO READ: <u>SP 7-10.1.4 Vehicular Traffic</u>

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 <u>Work Area</u> <u>Traffic Control Handbook</u> or <u>Manual on Uniform Traffic Control Devices (MUTCD)</u>, <u>Chapter 6</u> – "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.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

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
Telegraph Avenue between Claremont Avenue and 55 th Street	Mon Fri. 9am 4pm	1-12' lane open minimum	N/A	N/A	N/A
51 st Street between Telegraph Avenue and Shattuck Avenue	Mon. – Fri. 9am – 4pm	N/A	N/A	3-12' lane open minimum	N/A

Coordinate all work dates and locations with City of Oakland Right-Of-Way Inspection team.

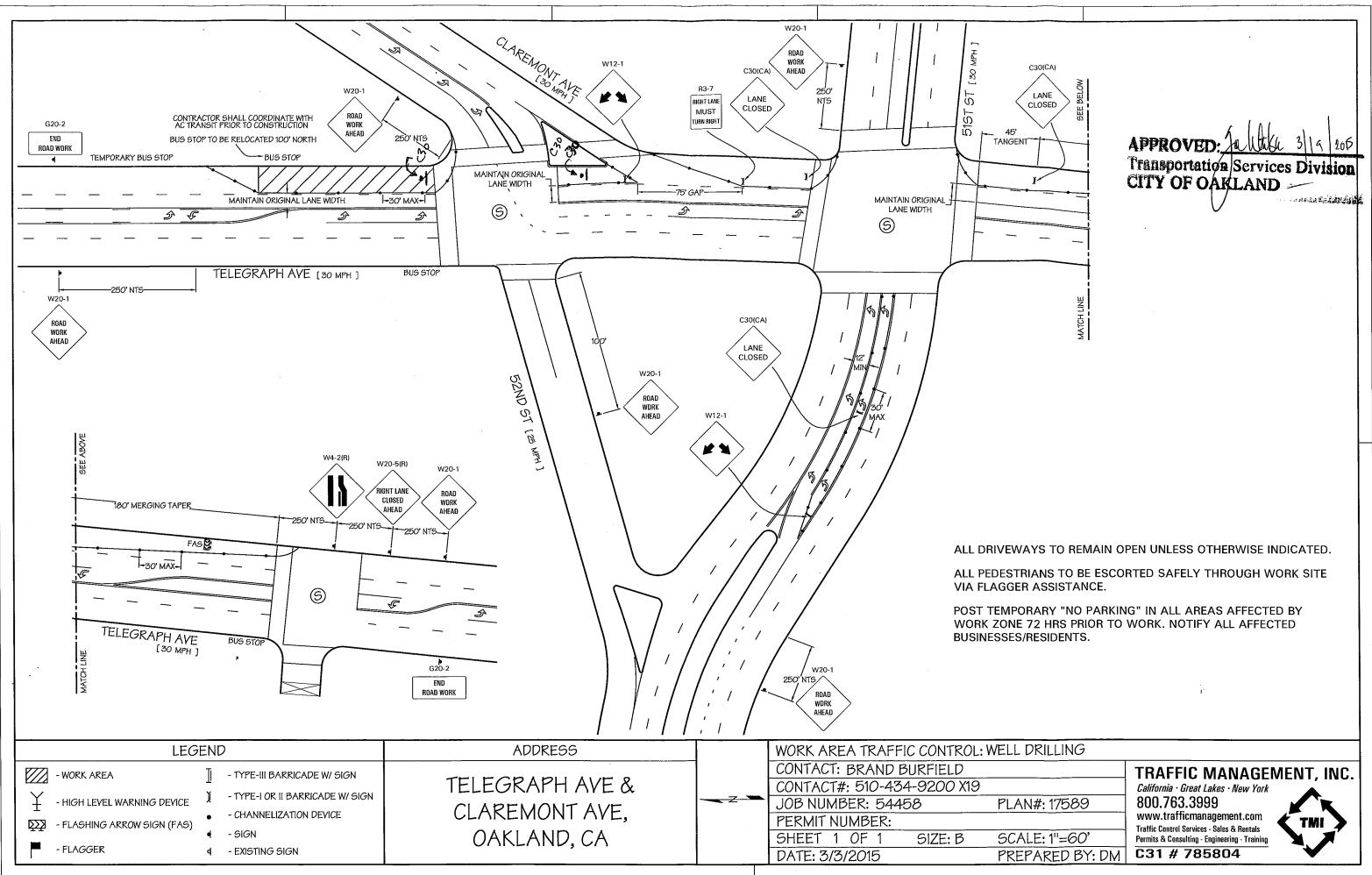
The Contractor shall also include all check items:

- 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. X 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. Kine Flagger control is required. Certified Flagger is required.
- 7. Dedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
- 8. Z 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.

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SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

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DRILLING	
4N#: 17589	TRAFFIC MANAGEMENT, INC. California · Great Lakes · New York 800.763.3999 www.trafficmanagement.com
ALE: 1"=60' EPARED BY: DM	Traffic Control Services - Sales & Rentals Permits & Consulting - Engineering - Training C31 # 785804

PROFESSIONAL TRAFFIC SERVICE MANAGEMENT INCORPORATED **INDUSTRIES, INC.**

GENERAL NOTES

1	THIS PLAN SUPPLEMENTED WITH 2014 CA MUTCD.
2	THE LOCATION OF THE SIGNS SHOWN ON THE PLAN ARE GUIDELINES AND ACTUAL LOCATION WILL DEPEND UPON ALIGNMENT, GRADE, LOCATION OF THE STREET INTERSECTIONS, AND 85TH PERCENTILE.
3	NOTIFY LOCAL LAW ENFORCEMENT, FIRE, AND AMBULANCE COMPANIES WITHIN 72 HOURS BEFORE CONSTRUCTION BEGINS. KEEP OPEN ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES
4	CONTINUAL MONITORING AND MAINTENANCE OF THE TRAFFIC CONTROL ZONE WILL BE IMPLEMENTED FOR THE PURPOSE OF MAINTAINING EMERGENCY ACCESS, ACCOMMODATION FOR PEDESTRIANS, BICYCLE TRAFFIC AND THE DISABLED.
5	PROPER TRAINING OF TRAFFIC CONTROLLERS, PROPER DEVICES & PROPER USE OF THE DEVICES, REQUIRED AT ALL TIMES.
6	ALL SIGNS IMPLEMENTED WILL ONLY BE VIEWABLE WHEN IN USE, OTHERWISE ALL WARNING DEVICES ARE TO BE TAKEN DOWN OR COVERED.
7	NOTHING ALLOWED IN BUFFER/TRANSISTION AREA AT ANY TIME.
8	ALL CONFLICTING MARKINGS ARE TO BE REMOVED FOR PROJECTS THAT LAST A TERM OF 3 DAYS OR LONGER.
9	SIGNS AND CHANNELIZING DEVICES MUST BE RETRO REFLECTIVE OR ILLUMINATE DURING THE NIGHT. MINIMUM VISIBILITY 1000' (FEET).
10	ONLY ONE SIDEWALK WILL BE CLOSED AT A TIME. PEDESTRIAN AND DISABLED ACCESS TO BE MAINTAINED PER 2014 CA MUTCD STANDARD (SACRAMENTO COUNTY USE STANDARD CONSTRUCTION SPEC 6-12.02) PROVIDED BY CONTRACTOR.
11	CONTACT UNDERGROUND SERVICE ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION FOR POTENTIAL UTILITY CONFLICTS.

RECOMMENDED ADVANCE WARNING SIGN SPACING TABLE (CA MUTCD 2014 EDITION TABLE 6C-1, SEE TABLE FOR ADDITIONAL DETAILS)

ROAD TYPE	DISTANCE BETWEEN SIGNS				
	A	B	С		
URBAN (LOW SPEED)-25MPH OR LESS 🔸	100	100	100		
URBAN (LOW SPEED)-MORE THAN 25MPH TO 40MPH	250	250	250		
URBAN (HIGH SPEED)-MORE THAN 40MPH	350	350	350		
RURAL	500	500	500		
EXPRESSWAY/FREEWAY	1000	1500	2640		

DEVICE SPACING TABLE														
SPEED	FORMULA	BUFFER SPACE	MINIMUM TAPER LENGTHS									MAXIMUM CONE		2014 MUTCD SECTION 6C.04
(MPH)			10' OFFSET 11'			OFFSET		12' OFFSET			SPACING		SIGN	
			L	1 ₂ L	1 <u>3</u> L	Ľ	1 <u>2</u> L	<u></u> 13⊥	L	₽L	- 1 3L	LONG	TAPER	SPACING
			MERGE	SHIFT	SHOULDER	MERGE	SHIFT	SHOULDER	MERGE	SHIFT	SHOULDER			
25		155'	104'	52'	35'	115'	57'	38'	125'	63'	42'	25'	13'	100'-200'
30	$L = \frac{WS^2}{60}$	200'	150'	75'	50'	165'	83'	55'	180'	90'	60'	30'	15'	120'-250'
35	∟ = ₆₀	250'	204'	102'	68'	225'	112'	75'	245'	123'	82'	35'	18'	140'-280'
40		305'	267'	133'	89'	293'	147'	98'	320'	160'	107'	40'	20'	160'-320'
45		360'	450'	225'	150'	495'	248'	165'	540'	270'	180'	45'	23'	360'-540'
50		425'	500'	250'	167'	550'	275'	183'	600'	300'	200'	50'	25'	400'-600'
55	L=WS	495'	550'	275'	183'	605'	303'	202'	660'	330'	220'	50'	28'	440'-660'
60	L=VV3	570'	600'	300'	200'	660'	330'	220'	720'	360'	240'	50'	30'	480'-720'
65		645'	650'	325'	217'	715'	358'	238'	780'	390'	260'	50'	33'	520'-700'
70		730'	700'	350'	233'	770'	385'	257'	840'	420'	280'	50'	35'	560'-820'
LOW SPEED IS 40 MPH & LESS HIGH SPEED IS 45 MPH & ABOVE BOTH ARE BASED ON: 1.) 85TH % TILE OR IF NOT AVAILABLE, THEN USE 2.) POSTED SPEED LIMIT (PSL) S = SPEED W = WIDTH (OFFSET FROM PATH OF TRAVEL) L = TAPER LENGTH														

3.) ANTICIPATED SPEED

LEGEND	TELEGRAPH AVE & CLAREMONT AVE, OAKLAND, CA	WORK AREA TRAFFIC CONTROL: WELL DRILLING				
· WORK AREA I - TYPE-III BARRICADE W/ SIGN · HIGH LEVEL WARNING DEVICE · TYPE-I OR II BARRICADE W/ SIGN · FLASHING ARROW SIGN (FAS) · CHANNELIZATION DEVICE · FLAGGER · SIGN · FLAGGER · EXISTING SIGN	TELEGRAPH AVE WORK ZONE	CONTACT: BRAND BURFIELDCONTACT#: 510-434-9200 X19JOB NUMBER: 54458PLAN#: 17589PERMIT NUMBER:PLAN#: 17589COVER SHEETSIZE: BDATE: 3/3/2015PREPARED BY:				

DEVICE ODAOINO TADI



APPENDIX C

WASTE DISPOSAL DOCUMENTATION





25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

13 February 2014

Brand Burfield PSI -- Oakland 4703 Tidewater Ave Ste B Oakland, CA 94601 RE: Tristar

Enclosed are the results of analyses for samples received by the laboratory on 02/10/14 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine Running Crane

Katherine RunningCrane Project Manager



25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T140237-01	Water	02/07/14 11:35	02/10/14 09:00
MW-2	T140237-02	Water	02/07/14 10:45	02/10/14 09:00
MW-3	T140237-03	Water	02/07/14 12:40	02/10/14 09:00
MW-4	T140237-04	Water	02/07/14 12:15	02/10/14 09:00

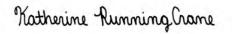
SunStar Laboratories, Inc.

Katherine Running Crane

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje roject Numb oject Manag		02-9				Reporte 02/13/14	
				MW-1 57-01(W	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aborator	ies, Inc.					
Extractable Petroleum Hydroc	arbons by 80150	2								
C6-C12 (GRO)	ND	0.013	0.50	mg/l	1	4021009	02/10/14	02/11/14	EPA 8015C	
C13-C28 (DRO)	ND	0.016	0.50	"	"	"	"	"	"	
C29-C40 (MORO)	ND	0.013	0.50	"	"	"	"	"	"	
Surrogate: p-Terphenyl			68.8 %	65-	135	"	"	"	"	
Volatile Organic Compounds b	y EPA Method	8260B								
Bromobenzene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Bromochloromethane	ND		1.0	"	"	"	"	"	"	
Bromodichloromethane	ND		1.0	"	"	"	"	"	"	
Bromoform	ND		1.0	"	"	"	"	"	"	
Bromomethane	ND		1.0	"	"	"	"	"	"	
1-Butylbenzene	1.4		1.0	"	"	"	"	"	"	
sec-Butylbenzene	1.8		1.0	"	"	"	"	"	"	
ert-Butylbenzene	ND		1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND		0.50	"	"	"	"	"	"	
Chlorobenzene	ND		1.0	"	"	"	"	"	"	
Chloroethane	ND		1.0	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	
Chloromethane	ND		1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
Dibromochloromethane	ND		1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND		5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND		1.0	"	"	"	"	"	"	
Dibromomethane	ND		1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		0.50	"	"	"	"	"	"	
,1-Dichloroethane	ND		1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND		0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

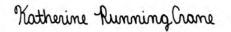


SunStar Laboratories, Inc. Providing Quality Analytical Services Nationwide

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje oject Numb oject Manag		02-9				Reported: 02/13/14 14:42		
				/IW-1 7-01(Wa	ater)						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
			SunStar L	aboratori	ies, Inc.						
Volatile Organic Compounds b	y EPA Method 8	8260B									
trans-1,2-Dichloroethene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B		
1,2-Dichloropropane	ND		1.0	"	"	"	"	"	"		
1,3-Dichloropropane	ND		1.0	"	"	"	"	"	"		
2,2-Dichloropropane	ND		1.0	"	"	"	"	"	"		
1,1-Dichloropropene	ND		1.0	"	"	"	"	"			
cis-1,3-Dichloropropene	ND		0.50	"	"	"	"	"	"		
rans-1,3-Dichloropropene	ND		0.50	"	"	"	"	"	"		
Hexachlorobutadiene	ND		1.0	"	"	"	"	"			
sopropylbenzene	2.8		1.0	"	"	"	"	"	"		
o-Isopropyltoluene	ND		1.0	"	"	"	"	"	"		
Methylene chloride	ND		1.0	"	"	"	"	"	"		
Naphthalene	ND		1.0	"	"	"	"	"	"		
n-Propylbenzene	3.5		1.0	"	"		"	"	"		
Styrene	ND		1.0	"	"	"	"	"			
1,1,2,2-Tetrachloroethane	ND		1.0	"	"	"	"	"			
1,1,1,2-Tetrachloroethane	ND		1.0	"	"	"	"	"			
Tetrachloroethene	ND		1.0	"	"	"	"	"			
1,2,3-Trichlorobenzene	ND		1.0	"	"	"	"	"			
1,2,4-Trichlorobenzene	ND		1.0	"	"	"	"	"			
1,1,2-Trichloroethane	ND		1.0	"	"	"	"	"			
1,1,1-Trichloroethane	ND		1.0	"	"	"	"	"	"		
Frichloroethene	ND		1.0	"	"	"	"	"	"		
Frichlorofluoromethane	ND		1.0	"	"	"	"	"	"		
1,2,3-Trichloropropane	ND		1.0	"	"	"	"	"	"		
1,3,5-Trimethylbenzene	ND		1.0	"	"	"	"	"	"		
1,2,4-Trimethylbenzene	ND		1.0	"	"	"	"	"			
Vinyl chloride	ND		1.0	"	"	"	"	"	"		
Benzene	ND		0.50	"	"	"	"	"	"		
Foluene	ND		0.50	"	"	"	"	"	"		
Ethylbenzene	ND		0.50	"	"	"	"		"		
n,p-Xylene	ND		1.0	"	"	"	"	"	"		
p-Xylene	ND		0.50	"	"	"	"	"	"		
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"		

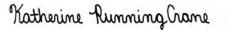
SunStar Laboratories, Inc.



25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601	Project: Tristar Project Number: 575-102-9 Project Manager: Brand Burfield									ed: 4:42
				MW-1 37-01(W	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aborator	ies, Inc.					
Volatile Organic Compounds by I	EPA Method 8	8260B								
Tert-butyl alcohol	ND		10	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"		
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			111 %	83.5	-119	"	"	"	"	
Surrogate: Dibromofluoromethane			101 %	81-	136	"	"	"	"	
Surrogate: Toluene-d8			98.1 %	88.8	-117	"	"	"	"	

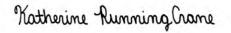
SunStar Laboratories, Inc.



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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje oject Numb ject Manag		02-9				Reporte 02/13/14	
				/IW-2 7-02(W	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aborator	ies, Inc.					
Extractable Petroleum Hydroc	arbons by 80150	2								
C6-C12 (GRO)	ND	0.013	0.50	mg/l	1	4021009	02/10/14	02/11/14	EPA 8015C	
C13-C28 (DRO)	ND	0.016	0.50	"	"	"	"	"	"	
C29-C40 (MORO)	ND	0.013	0.50	"	"	"	"	"	"	
Surrogate: p-Terphenyl			66.0 %	65-	135	"	"	"	"	
Volatile Organic Compounds b	v EPA Method	8260B								
Bromobenzene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Bromochloromethane	ND		1.0	"	"	"	"	"	"	
Bromodichloromethane	ND		1.0	"	"	"	"	"	"	
Bromoform	ND		1.0	"	"	"				
Bromomethane	ND		1.0	"	"	"	"	"	"	
n-Butylbenzene	ND		1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND		1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND		1.0	"	"	"	"	"		
Carbon tetrachloride	ND		0.50	"	"	"	"			
Chlorobenzene	ND		1.0	"	"	"	"	"	"	
Chloroethane	ND		1.0	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	
Chloromethane	ND		1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
Dibromochloromethane	ND		1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND		5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND		1.0	"	"	"	"	"	"	
Dibromomethane	ND		1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND		0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		1.0	"	"	"	"	"	"	

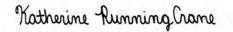
SunStar Laboratories, Inc.



25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje oject Numb oject Manag		02-9				Reporte 02/13/14	
				4W-2 7-02(Wa	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratori	es, Inc.					
Volatile Organic Compounds b	y EPA Method 8	8260B								
trans-1,2-Dichloroethene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
1,2-Dichloropropane	ND		1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND		1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND		1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND		1.0	"	"	"	"			
cis-1,3-Dichloropropene	ND		0.50	"	"	"	"			
trans-1,3-Dichloropropene	ND		0.50	"	"	"	"	"		
Hexachlorobutadiene	ND		1.0	"	"	"	"	"		
Isopropylbenzene	ND		1.0	"	"	"	"	"		
p-Isopropyltoluene	ND		1.0	"	"	"	"	"		
Methylene chloride	ND		1.0	"	"	"	"	"		
Naphthalene	ND		1.0	"	"	"	"	"		
n-Propylbenzene	ND		1.0	"	"	"	"	"		
Styrene	ND		1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		1.0	"	"	"	"	"		
1,1,1,2-Tetrachloroethane	ND		1.0	"	"	"	"	"		
Tetrachloroethene	ND		1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND		1.0	"	"	"	"	"	"	
Trichloroethene	ND		1.0	"	"	"	"	"		
Trichlorofluoromethane	ND		1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND		1.0	"	"	"	"	"		
1,3,5-Trimethylbenzene	ND		1.0	"	"	"	"	"		
1,2,4-Trimethylbenzene	ND		1.0	"	"	"	"	"	"	
Vinyl chloride	ND		1.0	"	"	"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"	"	"	"	"	"	
m,p-Xylene	ND		1.0	"	"	"	"	"	"	
p-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	

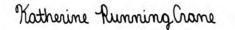
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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601		Report 02/13/14								
				4W-2 7-02(W	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		į	SunStar L	aborator	ies, Inc.					
Volatile Organic Compounds by I	EPA Method 8	8260B								
Tert-butyl alcohol	ND		10	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"		
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			115 %	83.5	-119	"	"	"	"	
Surrogate: Dibromofluoromethane			101 %	81-	136	"	"	"	"	
Surrogate: Toluene-d8			97.0 %	88.8	-117	"	"	"	"	

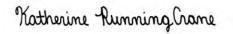
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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601		Reporte 02/13/14								
				MW-3 57-03(W	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			<u>SunStar L</u>	aborator	ies, Inc.					
Extractable Petroleum Hydroc	arbons by 80150	2								
C6-C12 (GRO)	ND	0.013	0.50	mg/l	1	4021009	02/10/14	02/11/14	EPA 8015C	
C13-C28 (DRO)	0.68	0.016	0.50	"	"		"	"	"	
C29-C40 (MORO)	0.048	0.013	0.50	"	"	"	"	"	"	
Surrogate: p-Terphenyl			66.0 %	65-	135	"	"	"	"	
Volatile Organic Compounds b	y EPA Method	8260B								
Bromobenzene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Bromochloromethane	ND		1.0	"	"	"	"	"	"	
Bromodichloromethane	ND		1.0	"	"	"	"	"	"	
Bromoform	ND		1.0	"	"	"	"			
Bromomethane	ND		1.0	"	"	"	"			
n-Butylbenzene	14		1.0	"	"		"			
sec-Butylbenzene	9.1		1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND		1.0	"	"	"	"	"		
Carbon tetrachloride	ND		0.50	"	"	"	"	"	"	
Chlorobenzene	ND		1.0	"	"	"	"	"	"	
Chloroethane	ND		1.0	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	
Chloromethane	ND		1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
Dibromochloromethane	ND		1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND		5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND		1.0	"	"	"	"	"	"	
Dibromomethane	ND		1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND		1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND		0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND		1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		1.0	"	"	"				

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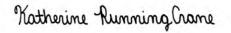


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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601		Pr Project Nu Project Ma		-102-9				Report 02/13/14	
		T14(MW-3 0237-03(V	Vater)					
Analyte	Result	Reportin MDL Lim		Dilution	Batch	Prepared	Analyzed	Method	Notes
		<u>SunStar</u>	Laborato	ories, Inc.					
Volatile Organic Compounds b	y EPA Method 8	260B							
trans-1,2-Dichloroethene	ND	1.	0 ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
1,2-Dichloropropane	ND	1.	0 "	"	"	"	"	"	
1,3-Dichloropropane	ND	1.	0 "	"	"	"	"	"	
2,2-Dichloropropane	ND	1.	0 "	"	"	"	"	"	
1,1-Dichloropropene	ND	1.	0 "	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.5	0 "	"	"	"	"		
trans-1,3-Dichloropropene	ND	0.5	0 "	"	"	"	"		
Hexachlorobutadiene	ND	1.	0 "	"	"	"	"		
Isopropylbenzene	22	1.	0 "	"	"	"	"		
p-Isopropyltoluene	5.7	1.	0 "	"	"	"	"		
Methylene chloride	ND	1.	0 "	"	"	"	"		
Naphthalene	ND	1.	0 "	"	"	"	"		
n-Propylbenzene	45	1.	0 "	"	"	"	"		
Styrene	ND	1.	0 "	"	"	"	"		
1,1,2,2-Tetrachloroethane	ND	1.	0 "	"	"	"	"		
1,1,1,2-Tetrachloroethane	ND	1.	0 "	"	"	"	"		
Tetrachloroethene	ND	1.	0 "	"	"	"	"		
1,2,3-Trichlorobenzene	ND	1.	0 "	"	"	"	"		
1,2,4-Trichlorobenzene	ND	1.	0 "	"	"	"	"		
1,1,2-Trichloroethane	ND	1.	0 "	"	"	"	"		
1,1,1-Trichloroethane	ND	1.	0 "	"	"	"	"		
Trichloroethene	ND	1.	0 "	"	"	"	"		
Trichlorofluoromethane	ND	1.	0 "	"	"	"	"		
1,2,3-Trichloropropane	ND	1.	0 "	"	"	"	"		
1,3,5-Trimethylbenzene	ND	1.	0 "	"		"	"	"	
1,2,4-Trimethylbenzene	ND	1.		"		"	"	"	
Vinyl chloride	ND	1.	0 "	"		"	"	"	
Benzene	ND	0.5	0 "	"		"	"	"	
Toluene	ND	0.5		"	"	"	"	"	
Ethylbenzene	1.9	0.5		"	"	"		"	
m,p-Xylene	4.4	1.		"	"	"	"	"	
o-Xylene	ND	0.5		"		"	"	"	
Tert-amyl methyl ether	ND	2.		"		"	"	"	

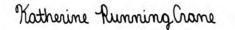
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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601		Reporte 02/13/14								
				MW-3 37-03(W)	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		<u>.</u>	SunStar L	aborator	ies, Inc.					
Volatile Organic Compounds by	EPA Method 8	8260B								
Tert-butyl alcohol	ND		10	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"		"		
Ethyl tert-butyl ether	ND		2.0	"	"	"		"		
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			74.2 %	83.5	-119	"	"	"	"	S-GC
Surrogate: Dibromofluoromethane			96.2 %	81-	136	"	"	"	"	
Surrogate: Toluene-d8			95.4 %	88.8	-117	"	"	"	"	

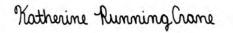
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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje oject Numb ject Manag		02-9				Reporte 02/13/14 1	
		110			. Duineia				02/10/111	
				/IW-4 57-04(Wa	ater)					
			Reporting							
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		i	SunStar L	aboratori	ies, Inc.					
Extractable Petroleum Hydroc	arbons by 80150	2								
C6-C12 (GRO)	ND	0.013	0.50	mg/l	1	4021009	02/10/14	02/11/14	EPA 8015C	
C13-C28 (DRO)	ND	0.016	0.50	"	"	"	"	"	"	
C29-C40 (MORO)	ND	0.013	0.50	"	"	"	"	"	"	
Surrogate: p-Terphenyl			66.0 %	65-	135	"	"	"	"	
Volatile Organic Compounds b	y EPA Method	8260B								
Bromobenzene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Bromochloromethane	ND		1.0	"	"	"	"	"	"	
Bromodichloromethane	ND		1.0	"	"	"	"	"	"	
Bromoform	ND		1.0	"	"	"	"	"	"	
Bromomethane	ND		1.0	"	"	"	"	"	"	
n-Butylbenzene	2.5		1.0	"	"	"	"	"	"	
ec-Butylbenzene	3.1		1.0	"	"	"	"	"	"	
ert-Butylbenzene	ND		1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND		0.50	"	"	"	"	"	"	
Chlorobenzene	ND		1.0	"	"	"	"	"	"	
Chloroethane	ND		1.0	"	"	"	"	"	"	
Chloroform	ND		1.0	"	"	"	"	"	"	
Chloromethane	ND		1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
-Chlorotoluene	ND		1.0	"	"	"	"	"	"	
Dibromochloromethane	ND		1.0	"	"	"	"	"	"	
,2-Dibromo-3-chloropropane	ND		5.0	"	"	"	"	"	"	
,2-Dibromoethane (EDB)	ND		1.0	"	"	"	"	"	"	
Dibromomethane	ND		1.0	"	"	"	"	"	"	
,2-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
,3-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
,4-Dichlorobenzene	ND		1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND		0.50	"	"	"	"	"	"	
,1-Dichloroethane	ND		1.0	"	"	"	"	"	"	
,2-Dichloroethane	ND		0.50	"	"	"	"	"	"	
,1-Dichloroethene	ND		1.0	"	"	"	"	"	"	
sis-1,2-Dichloroethene	ND		1.0	"	"	"	"		"	

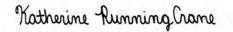
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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje ject Numb ject Manag		02-9				Reporte 02/13/14	
				/IW-4 57-04(Wa	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		2	SunStar L	aboratori	es, Inc.					
Volatile Organic Compounds b	y EPA Method 8	8260B								
trans-1,2-Dichloroethene	ND		1.0	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
1,2-Dichloropropane	ND		1.0	"		"	"	"	"	
1,3-Dichloropropane	ND		1.0	"		"	"	"	"	
2,2-Dichloropropane	ND		1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND		1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND		1.0	"	"	"	"	"	"	
lsopropylbenzene	2.2		1.0	"	"	"	"	"	"	
p-Isopropyltoluene	1.6		1.0	"	"	"	"	"	"	
Methylene chloride	ND		1.0	"	"	"	"	"	"	
Naphthalene	ND		1.0	"	"	"	"	"	"	
n-Propylbenzene	4.1		1.0	"	"	"	"	"	"	
Styrene	ND		1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		1.0	"	"	"	"	"	"	
Tetrachloroethene	ND		1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND		1.0	"	"	"	"	"	"	
Trichloroethene	ND		1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND		1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND		1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		1.0	"		"	"	"	"	
1,2,4-Trimethylbenzene	ND		1.0	"	"	"	"	"	"	
Vinyl chloride	ND		1.0	"		"	"	"	"	
Benzene	ND		0.50	"	"	"	"	"	"	
Toluene	ND		0.50	"	"	"	"	"	"	
Ethylbenzene	ND		0.50	"		"	"	"	"	
m,p-Xylene	ND		1.0	"		"	"	"	"	
p-Xylene	ND		0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND		2.0	"	"	"	"	"	"	

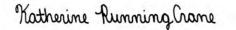
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PSI Oakland 4703 Tidewater Ave Ste B Oakland CA, 94601			Proje oject Numb ject Manag		02-9				Reporte 02/13/14	
				MW-4 37-04(W	ater)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		:	SunStar L	aborator	ies, Inc.					
Volatile Organic Compounds by I	EPA Method 8	8260B								
Tert-butyl alcohol	ND		10	ug/l	1	4021014	02/10/14	02/11/14	EPA 8260B	
Di-isopropyl ether	ND		2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND		2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND		1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			99.8 %	83.5	-119	"	"	"	"	
Surrogate: Dibromofluoromethane			95.5 %	81-	136	"	"	"	"	
Surrogate: Toluene-d8			97.4 %	88.8	-117	"	"	"	"	

SunStar Laboratories, Inc.



PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

	D L		Reporting	.	Spike	Source	ANDEG	%REC	DDD	RPD	N T .
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4021009 - EPA 3510C GC											
Blank (4021009-BLK1)					Prepared:	02/10/14	Analyzed	l: 02/11/14			
Surrogate: p-Terphenyl	2.86			mg/l	4.00		71.4	65-135			
C13-C28 (DRO)	ND	0.016	0.50	"							
C29-C40 (MORO)	ND	0.013	0.50	"							
LCS (4021009-BS1)					Prepared:	02/10/14	Analyzed	l: 02/11/14			
Surrogate: p-Terphenyl	2.64			mg/l	4.00		66.0	65-135			
C13-C28 (DRO)	18.2	0.016	0.50	"	20.0		91.2	75-125			
Matrix Spike (4021009-MS1)		Source	e: T140234-	-11RE	Prepared:	02/10/14	Analyzed	l: 02/11/14			
Surrogate: p-Terphenyl	2.64			mg/l	4.00		66.0	65-135			
C13-C28 (DRO)	17.5	0.016	0.50	"	20.0	ND	87.3	75-125			
Matrix Spike Dup (4021009-MSD1)		Source	e: T140234-	-11RE	Prepared:	02/10/14	Analyzed	1: 02/11/14			
Surrogate: p-Terphenyl	2.65			mg/l	4.00		66.2	65-135			
C13-C28 (DRO)	17.3	0.016	0.50	"	20.0	ND	86.5	75-125	0.900	20	

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PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

	Deck	MDI	Reporting	I.I.a. Mar	Spike	Source	N/DEC	%REC	DDD	RPD	Nut
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4021014 - EPA 5030 GCN	MS										
Blank (4021014-BLK1)					Prepared:	02/10/14	Analyzed	1: 02/11/14			
Surrogate: 4-Bromofluorobenzene	8.00			ug/l	8.00		100	83.5-119			
Surrogate: Dibromofluoromethane	6.62			"	8.00		82.8	81-136			
Surrogate: Toluene-d8	7.87			"	8.00		98.4	88.8-117			
Bromobenzene	ND		1.0	"							
Bromochloromethane	ND		1.0	"							
Bromodichloromethane	ND		1.0	"							
Bromoform	ND		1.0	"							
Bromomethane	ND		1.0	"							
n-Butylbenzene	ND		1.0	"							
sec-Butylbenzene	ND		1.0	"							
tert-Butylbenzene	ND		1.0	"							
Carbon tetrachloride	ND		0.50	"							
Chlorobenzene	ND		1.0	"							
Chloroethane	ND		1.0	"							
Chloroform	ND		1.0	"							
Chloromethane	ND		1.0	"							
2-Chlorotoluene	ND		1.0	"							
4-Chlorotoluene	ND		1.0	"							
Dibromochloromethane	ND		1.0	"							
1,2-Dibromo-3-chloropropane	ND		5.0	"							
1,2-Dibromoethane (EDB)	ND		1.0	"							
Dibromomethane	ND		1.0	"							
1,2-Dichlorobenzene	ND		1.0	"							
1,3-Dichlorobenzene	ND		1.0	"							
1,4-Dichlorobenzene	ND		1.0	"							
Dichlorodifluoromethane	ND		0.50	"							
1,1-Dichloroethane	ND		1.0	"							

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SunStar Laboratories, Inc. Providing Quality Analytical Services Nationwide

PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4021014 - EPA 5030 GCM	[S										
Blank (4021014-BLK1)					Prepared:	02/10/14	Analyzed	: 02/11/14			
1,2-Dichloroethane	ND		0.50	ug/l	•						
1,1-Dichloroethene	ND		1.0	"							
cis-1,2-Dichloroethene	ND		1.0	"							
trans-1,2-Dichloroethene	ND		1.0	"							
1,2-Dichloropropane	ND		1.0	"							
1,3-Dichloropropane	ND		1.0	"							
2,2-Dichloropropane	ND		1.0	"							
1,1-Dichloropropene	ND		1.0	"							
cis-1,3-Dichloropropene	ND		0.50	"							
trans-1,3-Dichloropropene	ND		0.50	"							
Hexachlorobutadiene	ND		1.0	"							
Isopropylbenzene	ND		1.0	"							
p-Isopropyltoluene	ND		1.0	"							
Methylene chloride	ND		1.0	"							
Naphthalene	ND		1.0	"							
n-Propylbenzene	ND		1.0	"							
Styrene	ND		1.0	"							
1,1,2,2-Tetrachloroethane	ND		1.0	"							
1,1,1,2-Tetrachloroethane	ND		1.0	"							
Tetrachloroethene	ND		1.0	"							
1,2,3-Trichlorobenzene	ND		1.0	"							
1,2,4-Trichlorobenzene	ND		1.0	"							
1,1,2-Trichloroethane	ND		1.0	"							
1,1,1-Trichloroethane	ND		1.0	"							
Trichloroethene	ND		1.0	"							
Trichlorofluoromethane	ND		1.0	"							
1,2,3-Trichloropropane	ND		1.0	"							

SunStar Laboratories, Inc.

Katherine Running Crane



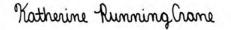
PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

l											
Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4021014 - EPA 5030 GCM	5										
Blank (4021014-BLK1)					Prepared:	02/10/14	Analyzed	1: 02/11/14			
1,3,5-Trimethylbenzene	ND		1.0	ug/l	•		F				
1,2,4-Trimethylbenzene	ND		1.0	"							
Vinyl chloride	ND		1.0	"							
Benzene	ND		0.50	"							
Toluene	ND		0.50	"							
Ethylbenzene	ND		0.50	"							
m,p-Xylene	ND		1.0	"							
o-Xylene	ND		0.50	"							
Tert-amyl methyl ether	ND		2.0								
Tert-butyl alcohol	ND		10	"							
Di-isopropyl ether	ND		2.0	"							
Ethyl tert-butyl ether	ND		2.0	"							
Methyl tert-butyl ether	ND		1.0	"							
LCS (4021014-BS1)					Prepared:	02/10/14	Analyzed	1: 02/11/14			
Surrogate: 4-Bromofluorobenzene	8.23			ug/l	8.00		103	83.5-119			
Surrogate: Dibromofluoromethane	7.75			"	8.00		96.9	81-136			
Surrogate: Toluene-d8	8.13			"	8.00		102	88.8-117			
Trichloroethene	19.4		1.0	"	20.0		97.2	75-125			
Matrix Spike (4021014-MS1)		Source:	T140238-	01	Prepared:	02/10/14	Analyzed	1: 02/11/14			
Surrogate: 4-Bromofluorobenzene	9.22			ug/l	8.00		115	83.5-119			
Surrogate: Dibromofluoromethane	8.02			"	8.00		100	81-136			
Surrogate: Toluene-d8	7.99			"	8.00		99.9	88.8-117			
Trichloroethene	20.8		1.0	"	20.0	0.780	100	75-125			
Matrix Spike Dup (4021014-MSD1)		Source:	T140238-	01	Prepared:	02/10/14	Analyzed	1: 02/11/14			
Surrogate: 4-Bromofluorobenzene	8.95			ug/l	8.00		112	83.5-119			
Surrogate: Dibromofluoromethane	7.63			"	8.00		95.4	81-136			
Surrogate: Toluene-d8	7.59			"	8.00		94.9	88.8-117			

SunStar Laboratories, Inc.





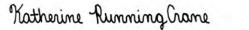
PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42
X7 1 4*1		

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

			Dementine		Sec.1.	Carros		0/DEC		סחם	
Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4021014 - EPA 5030	0 GCMS										
Matrix Spike Dup (4021014-	MSD1)	Source:	T140238-	01	Prepared:	02/10/14	Analyzed	: 02/11/14			
Trichloroethene	20.0		1.0	ug/l	20.0	0.780	95.9	75-125	3.98	20	

SunStar Laboratories, Inc.





25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

PSI Oakland	Project: Tristar	
4703 Tidewater Ave Ste B	Project Number: 575-102-9	Reported:
Oakland CA, 94601	Project Manager: Brand Burfield	02/13/14 14:42

Notes and Definitions

- S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

SunStar Laboratories, Inc.

Katherine RunningCrane

Chain of Custody Record

SunStar Laboratories, Inc. 25712 Commercentre Dr Lake Forest, CA 92630 949-297-5020

Client: 73 Address: 4703 TIDE 47 Phone: 570 434-9300 Project Manager: BRAM		Fax: SU	ино. СА 0 434 -	94601	 -		Pro Col	ject l lecto	Nam r: <u> </u>	17 10:7 2015 E	701 ~~{_	STR	hr FhhA	ħv	_Clier _EDF	nt Project #:	15-102	<u>-9</u>
Sample ID MW-1 MW-2 MW-3 MW-4	Date Sampled	11:35 19:45 12:40 12:15			8260 X X 8260 + OXV			8021 BTEX	8015M (gasoline)	8015M (diesel)	6010/7000 Title 22 h				6000 1 Laboratory ID #	Comments/P		a) a) b) c) c) c) c) c) c) c) c) c) c
Relinquished by: (signature) Relinquished by: (signature)	Date / Ti 	17:20	G150#	y: (signature) 107416 y: (stopsture)		1 21	te / T 7//4	ime 1 <u>1:</u> ime	& 70	Chain Rece	ו of Cu So sived	otal # stody eals in good (of con seals ` tact? ` conditi	tainers Y/N/NA Y/N/NA on/colo	Y Y 5.2	CREATE E RL=0.05 m PL-0.10 mg	otes DF YL F1 1/ F01	or TPA-1
Relinquished by: (signature) Sample disposal Instructions: Di	Date / Ti			y: (signature)		Dái Pickup	te / T	ime		Turn a			- C	310				

COC 132446

BATCH # <u></u>	
Client Name: <u>PSI - OAKLENO</u>	Project: TRISTAR
Received by: BRIAN	Date/Time Received: 2/10/14 9:00
Delivered by : Client SunStar Courier 🔀 GSO	FedEx Other
Total number of coolers received Temp c	riteria = 6°C > 0°C (no <u>frozen</u> containers)
Temperature: cooler #1 <u>5.4</u> °C +/- the CF (-0.2°C) = 5.4	2_°C corrected temperature
cooler #2°C +/- the CF (- 0.2 °C) =	°C corrected temperature
cooler #3°C +/- the CF (- 0.2° C) =	°C corrected temperature
Samples outside temp. but received on ice, w/in 6 hours of fin	al sampling. 🛛 Yes 🗌 No* 🗍 N/A
Custody Seals Intact on Cooler/Sample	Yes No* N/A
Sample Containers Intact	Yes No*
Sample labels match COC ID's	Yes No*
Total number of containers received match COC	Yes No*
Proper containers received for analyses requested on COC	Yes No*
Proper preservative indicated on COC/containers for analyses	requested Yes No* N/A
Complete shipment received in good condition with correct te preservatives and within method specified holding times.	
* Complete Non-Conformance Receiving Sheet if checked Co	poler/Sample Review - Initials and date BC 2/10/14
Comments:	
* •	

SAMPLE RECEIVING REVIEW SHEET

SunStar Laboratories, Inc.

1	NON-HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Em WASTE MANIFEST E X E M P T 1 NRO	ergency Response CES 510-74		4. Waste Tr 10 9 3			C & O	+				
	5. Generators Name and Mailing Address TRI STAR PARTNERSHIP 30 ARJANG COURT ALAMO CA 94507 OA	Itor's Site Address IMERAUTO TELEGRA LAND CA	(if different PRO PH AVE	than mailing addre	ess)							
	Generator's Phone: 510 434-9200 6. Transporter 1 Company Name U.S. EPA ID Number NRC Environmental Services I C A R D D D O 3 D 1 1											
	7. Transporter 2 Company Name	U.S. EPA ID Number										
	8. Designated Facility Name and Site Address	U.S. EPA ID Number										
	1630 W. 17th Street Long Beach CA 90813 Facility's Phone: 562 432-5445	CAD028409019										
	9. Waste Shipping Name and Description	10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.			-				
GENERATOR	1.NON HAZARDOUS WASTE SOLID (SOIL CUTTINGS/ DEBRIS)	003	DM	1000	P							
GENE	² NON HAZARDOUS WASTE LIQUID (PURGE WATER)	002	DM	0100	G.							
	3.											
	4.											
	 13. Special Handling Instructions and Additional Information WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT J CONSULTANT: PSI, 47.03 TIDEWATER AVENUE, SUITE B, NRCES 1605 FERRY POINT ALAMEDA, CA. 94501 14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully a marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable inte Generator's/Offeror's Printed/Typed Name Signature 	DAK LAND ,	CA.	94601 e by the proper ship		(३४८८)	(2 % S	[27				
V	Davit Delloso on behaff IST & The STHA	/ >	1	040	_	- 04	21 1	5				
INT'L	Transporter Signature (for exports only):	Port of entr Date leavin	•	1								
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Transporter 2 Printed/Typed Name Signature	m	R		-	Month Old Month	21 1	Year 15 Year				
*	17. Discrepancy 17a. Discrepancy Indication Space Quantity Type	Residue		Partial Reje	ction	F	ull Rejection					
	17b. Alternate Facility (or Generator)	ilfest Reference Nu	Imber:	U.S. EPA ID N	lumber							
FACIL	Facility's Phone:			1		101						
- DESIGNATED FACILITY	17c. Signature of Alternate Facility (or Generator)					Month	Day Y	/ear				
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as note Distant Ward Name	d in Item 17a	-			Month	Day V	/ear				
₩	Printed/Typed Name Signature				1	Month	Day Y	ICAI				

	NON-HAZARDOUS 1. Generator ID Number 2. Page 1 of WASTE MANIFEST E X E M P T 1	1 3. Emergency Response NRCES 510-7		4. Waste Tr	a manager and a strength	mber 2 - 0 1	C & O			
	5. Generator's Name and Malling Address TRI STAR PAR INERSHIP 30 ARJANG COURT ALAMO CA 94507 Generator's Phone: 510 434-9200	Generator's Site Addres FORMER AUT 5200 TELEGRA OAKLAND CA	VPHAVE	han malling addre	988)					
	Generator's Phone: 510 434-9200 6. Transporter 1 Company Name NRC Environmental Services	<u>I</u> .		U.S. EPAID		0 0 3 0	1 1 4			
	7 Transporter 9 Company Nama			U.S. EPA ID	U.S. EPA ID Number CHJLE00/6.5274					
	1. Mansporter 2 company value Intrinsic Transportation 8. Dasignated Facilly, Name and Site Address Clospy & Overton, Inc.			U.S. EPA ID	<u> 7</u>					
-	1630 VV. 17th Street Long Beach CA 90813									
	Facility's Phone: 562 432-5445	10. Cont	dhara			8409	019			
Non Provident	9. Waste Shipping Name and Description	No.	Type	11. Total Quantilty	12. Unlt Wt./Vol.	100-22-12 Care - 20-2	The second s			
TOR -	1 NON HAZARDOUS WASTE SOLID (SOIL CUTTINGS/ DEBRI	·		1.00						
NERATOR		003	DM	1000	P					
	² NON HAZARDOUS WASTE LIQUID (PURGE WATER)	662	DM	0100	~		うた。記名は第 のです。 「たい」			
		00-	DIVI	0100	G					
	4.									
	13. Special Handling Instructions and Additional Information WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPME CONSULTANT: PSI, 4703 TIDEWATER AVENUE, SUITE				.E#:]		2) 51545			
	NRCES 1605 FERRY POINT ALAMEDA, CA. 94501	, B, URRUAND,	, .	34007		(3165)	(2455)			
						DILLE	145			
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to app	licable international and nat	scribed above lional governm	by the proper sh nental regulations	ipping name	e, and are classifie Month	ed, packaged, Day Year			
V	David Dell'sso on behalf IST & This STAR	Nignature	40	DUI	1	- 04	21 15			
INTIL	15. International Shipments Import to U.S. Export from Export from Transporter Signature (for exports only):		ntry/exit: ving U.S.:	1		й 				
3TER	16, Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name	Signature 11	10		· · ·	Month	Day Year			
TRANSPORTER	Transporter 2 Printed/Typed Name		1/2	7 19	>	Month	Day Year			
TRA	Bill Parel	A.	~ je	u		14	2815			
	17. Discrepancy 17a. Discrepancy Indication Space	Residue		Partial Re	ection		Full Rejection			
When the second s		Manifest Reference	Number:							
· 711	17b. Alternate Facility (or Generator)			U.S. EPA ID	Number					
D FACILITY	Facility's Phone:					Month	Day Year			
DESIGNATED	17c. Signature of Alternate Facility (or Generator)	16.c ¹ 10-0-0011-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			- <u>()</u>		Day Year			
DESIG	$D = \frac{1}{2} \left(\frac{1}{2} \right)^{-1}$									
	HHAST 18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest exc	ent as poted in Item 17e				anter a la constante de la const La constante de la constante de La constante de la constante de				
		Signature	P	<u>ک</u>		Month	Day Year			
169	-BLC-0 5 11977 (Rev. 9/09)		4	DESIGNAT	ED FAC		ENERATOR			

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