ExxonMobil Environmental Services Company

4096 Piedmont Avenue #194 Oakland, California 94611 510 547 8196 Telephone 510 547 8706 Facsimile

Jennifer C. Sedlachek

Project Manager

RECEIVED

2:41 pm, Dec 21, 2010

Alameda County

Environmental Health



November 10, 2010

Ms. Barbara Jakub, P.G. Alameda County Health Care Services Agency Department of Environmental Health 1131 Harbor Bay Parkway, Room 250 Alameda, California 94502-6577

RE: Former Exxon RAS #70104/1725 Park Street, Alameda, California.

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled *Remediation Status Report, Third Quarter 2010*, dated November 10, 2010, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details remedial activities for 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 ERI's Remediation Status Report, Third Quarter 2010, dated November 10, 2010

cc:

w/ attachment

Mr. Shay Wideman, The Valero Companies, Environmental Liability Management

w/o attachment

Ms. Paula Sime, Cardno ERI



Shaping the Future

Cardno ERI License A/C10-611383

601 North McDowell Blvd. Petaluma, CA 94954-2312 USA

www.cardno.com

Phone 707.766.2000 Toll-free 800.382.9105 Fax 707.789.0414

www.cardnoeri.com

November 10, 2010 Cardno ERI 250611.R19

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

SUBJECT

Remediation Status Report, Third Quarter 2010

Former Exxon Service Station 70104 1725 Park Street, Alameda, California

Alameda County RO#448

INTRODUCTION

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI is submitting this report detailing third quarter 2010 remedial activities at the subject site. This report covers activities from June 18, 2010, through September 9, 2010. Relevant plates, tables, and appendices are included at the end of this report. Currently, the site operates as a Valero-branded service station.

REMEDIAL OPERATIONS

Groundwater Pump and Treat - Prior Systems

A GWPTS operated at the site from October 1994 to March 2000. The system was retrofitted and again operated from June 2002 to February 2004. A total of 32.2 pounds of TPHg, 4.92 pounds of benzene, and 7.71 pounds of MTBE were removed by the GWPTS during its periods of operation.

Air Sparge/Soil Vapor Extraction - Prior Systems

An AS/SVE system operated at the site from February 1998 to March 2000. The AS/SVE system was retrofitted and again operated from June 2000 to February 2004. A total of 1,022.4 pounds of TPHg and 11.81 pounds of benzene were removed by the AS/SVE system during its periods of operation.

Systems Retrofit - 2005

Environmental Resolutions, Inc. (ERI) retrofitted the GWPTS and AS/SVE system in 2005. ERI modified the SVE system to use an 8.45-horsepower regenerative blower (Siemens 2BH1 800-7A) capable of producing 360 scfm. ERI also modified groundwater extraction wells EW1 through EW5 to simultaneously extract soil vapor and pump and treat groundwater. Other components and processes of the systems remain unchanged. The retrofitted systems began operation on June 27, 2005.

Current GWPTS Configuration

The GWPTS operates in conjunction with the AS/SVE system to pump down the groundwater table, expose petroleum hydrocarbons in soil, and remediate dissolved-phase hydrocarbons in groundwater. Wells EW1 through EW4 are available for groundwater extraction using pneumatic pumps. During this reporting period, groundwater was extracted from wells EW1 and EW2 and directed to a holding tank. Water is periodically transferred from the holding tank through a particulate filter and three 500-pound GAC vessels connected in series prior to discharge to the sanitary sewer under permit through East Bay Municipal Utilities District (EBMUD). The volume of discharged groundwater is recorded using a totalizing flow meter.

Current AS/SVE System Configuration

Effluent analyses performed:

The current AS/SVE system consists of a regenerative blower, a moisture separator, three vapor-phase 500-pound GAC vessels connected in series, an exhaust stack for discharge to the atmosphere, and associated monitoring instrumentation. The 500-pound GAC vessels have a maximum flow capacity of 300 scfm. Water generated in the moisture separator is pumped to the GWPTS.

An oil-less air compressor is used for air sparging (subsurface air injection), at wells MW7, EW1, SM1, and SW1 to help volatilize hydrocarbons. Additional sparge points are located at wells AS1, MW6, and EW5, but are currently disabled.

System start-up dates: AS/SVE System 02/16/98

<u>GWPTS</u> 10/10/94

System discharge permits: AS/SVE System BAAQMD Plant No. 8252

GWPTS BAAQMD Plant No. 50266631

System reporting periods: <u>AS/SVE System</u> 06/18/10 - 09/09/10

<u>GWPTS</u> 06/18/10 – 09/09/10

System modifications during reporting period: None

System status during reporting
period:SVE System
GWPTS
AS SystemActive
Active

Laboratory: Calscience Environmental Laboratories, Inc.

Garden Grove, California

AS/SVE System

Garden Grove, Camornia

EPA TO-3M TPHg

EPA TO-15M MTBE, BTEX

GWPTS

EPA Method 8015B TPHg

EPA Method 8021B BTEX, MTBE

November 10, 2010 Cardno ERI 250611.R19 Former Exxon Service Station 70104, Alameda, California

System performance:

AS/SVE System

Period	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
06/18/10 — 09/09/10	<4.523	<0.0014	0.0135
To date:	<1,740.30	<27.72	<14.74

GWPTS

Period	Volume of Groundwater Treated (gallons)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
06/18/10 - 09/09/10	125,980	0.746	<0.0026	0.966
To date:	4,789,970	<71.3	<5.223	<50.03

SUMMARY

Remediation efforts at the site are ongoing.

DOCUMENT DISTRIBUTION

Cardno ERI recommends forwarding copies of this report to:

Ms. Barbara Jakub, P.G. Alameda County Health Care Services Agency Department of Environmental Health 1131 Harbor Bay Parkway, Room 250 Alameda, California 94502-6577

Mr. Shay Wideman The Valero Companies Environmental Liability Management P.O. Box 696000 San Antonio, Texas 78269

LIMITATIONS

For any documents cited that were not generated by Cardno ERI, the data taken from those documents is used "as is" and is assumed to be accurate. Cardno ERI 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 was prepared in accordance with generally accepted standards of environmental, geological, and engineering practices 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.

November 10, 2010 Cardno ERI 250611.R19 Former Exxon Service Station 70104, Alameda, California

Please call Ms. Paula Sime, Cardno ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,

Matthew T. Herman
Project Engineer

for Cardno ERI 707 766 2000

Email: matt.herman@cardno.com

HUGIMAGE

Heidi L. Dieffenbach-Carle

P.G. 6793 for Cardno ERI 707 766 2000

Email: heidi.dieffenbach-carle@cardno.com

Enclosures:

Acronym List

Plate 1 Site Vicinity Map

Plate 2 Generalized Site Plan

Table 1 Operation and Performance Data for Air Sparge/Soil Vapor Extraction System

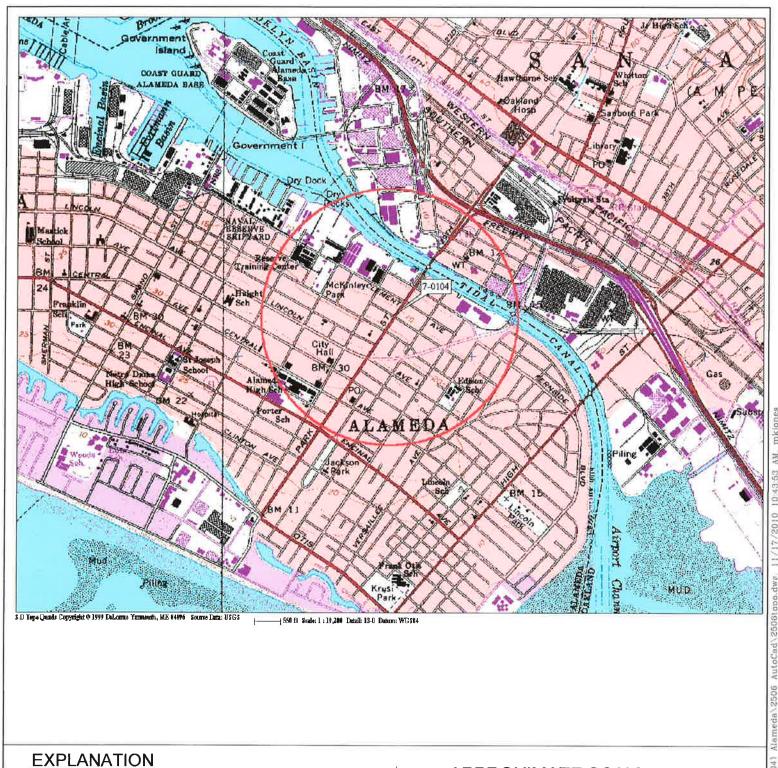
Table 2 Operation and Performance Data for Groundwater Extraction and Treatment System

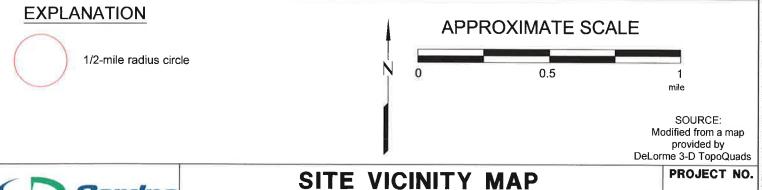
Appendix A Laboratory Analytical Reports and Chain-of-Custody Records

Appendix B SOP-25: "Hydrocarbons Removed from a Vadose Well"

ACRONYM LIST

μg/L	Micrograms per liter	NEPA	National Environmental Policy Act
μs	Microsiemens	NGVD	National Geodetic Vertical Datum
1,2-DCA	1,2-dichloroethane	NPDES	National Pollutant Discharge Elimination System
acfm	Actual cubic feet per minute	O&M	Operations and Maintenance
AS	Air sparge	ORP	Oxidation-reduction potential
bgs	Below ground surface	OSHA	Occupational Safety and Health Administration
BTEX	Benzene, toluene, ethylbenzene, and total xylenes	OVA	Organic vapor analyzer
CEQA	California Environmental Quality Act	P&ID	Process & Instrumentation Diagram
cfm	Cubic feet per minute	PAH	Polycyclic aromatic hydrocarbon
COC	Chain of Custody	PCB	Polychlorinated biphenyl
CPT	Cone Penetration (Penetrometer) Test	PCE	Tetrachloroethene or perchloroethylene
DIPE	Di-isopropyl ether	PID	Photo-ionization detector
DO	Dissolved oxygen	PLC	Programmable logic control
DOT	Department of Transportation	POTW	Publicly owned treatment works
DPE	Dual-phase extraction	ppmv	Parts per million by volume
DTW	Depth to water	PQL	Practical quantitation limit
EDB	1,2-dibromoethane	psi	Pounds per square inch
EPA	Environmental Protection Agency	PVC	Polyvinyl chloride
ESL	Environmental screening level	QA/QC	Quality assurance/quality control
ETBE	Ethyl tertiary butyl ether	RBSL	Risk-based screening levels
FID	Flame-ionization detector	RCRA	Resource Conservation and Recovery Act
fpm	Feet per minute	RL	Reporting limit
GAC	Granular activated carbon	scfm	Standard cubic feet per minute
gpd	Gallons per day	SSTL	Site-specific target level
gpm	Gallons per minute	STLC	Soluble threshold limit concentration
GWPTS	Groundwater pump and treat system	SVE	Soil vapor extraction
HVOC	Halogenated volatile organic compound	SVOC	Semivolatile organic compound
J	Estimated value between MDL and PQL (RL)	TAME	Tertiary amyl methyl ether
LEL	Lower explosive limit	TBA	Tertiary butyl alcohol
LPC	Liquid-phase carbon	TCE	Trichloroethene
LRP	Liquid-ring pump	TOC	Top of well casing elevation; datum is msl
LUFT	Leaking underground fuel tank	TOG	Total oil and grease
LUST	Leaking underground storage tank	TPHd	Total petroleum hydrocarbons as diesel
MCL	Maximum contaminant level	TPHg	Total petroleum hydrocarbons as gasoline
MDL	Method detection limit	TPHmo	Total petroleum hydrocarbons as motor oil
mg/kg	Milligrams per kilogram	TPHs	Total petroleum hydrocarbons as stoddard solvent
mg/L	Milligrams per liter	TRPH	Total recoverable petroleum hydrocarbons
mg/m ³	Milligrams per cubic meter	UCL	Upper confidence level
MPE	Multi-phase extraction	USCS	Unified Soil Classification System
MRL	Method reporting limit	USGS	United States Geologic Survey
msi	Mean sea level	UST	Underground storage tank
MTBE	Methyl tertiary butyl ether	VCP	Voluntary Cleanup Program
MTCA	Model Toxics Control Act	VOC	Volatile organic compound
NAI	Natural attenuation indicators	VPC	Vapor-phase carbon
NAPL	Non-aqueous phase liquid		27

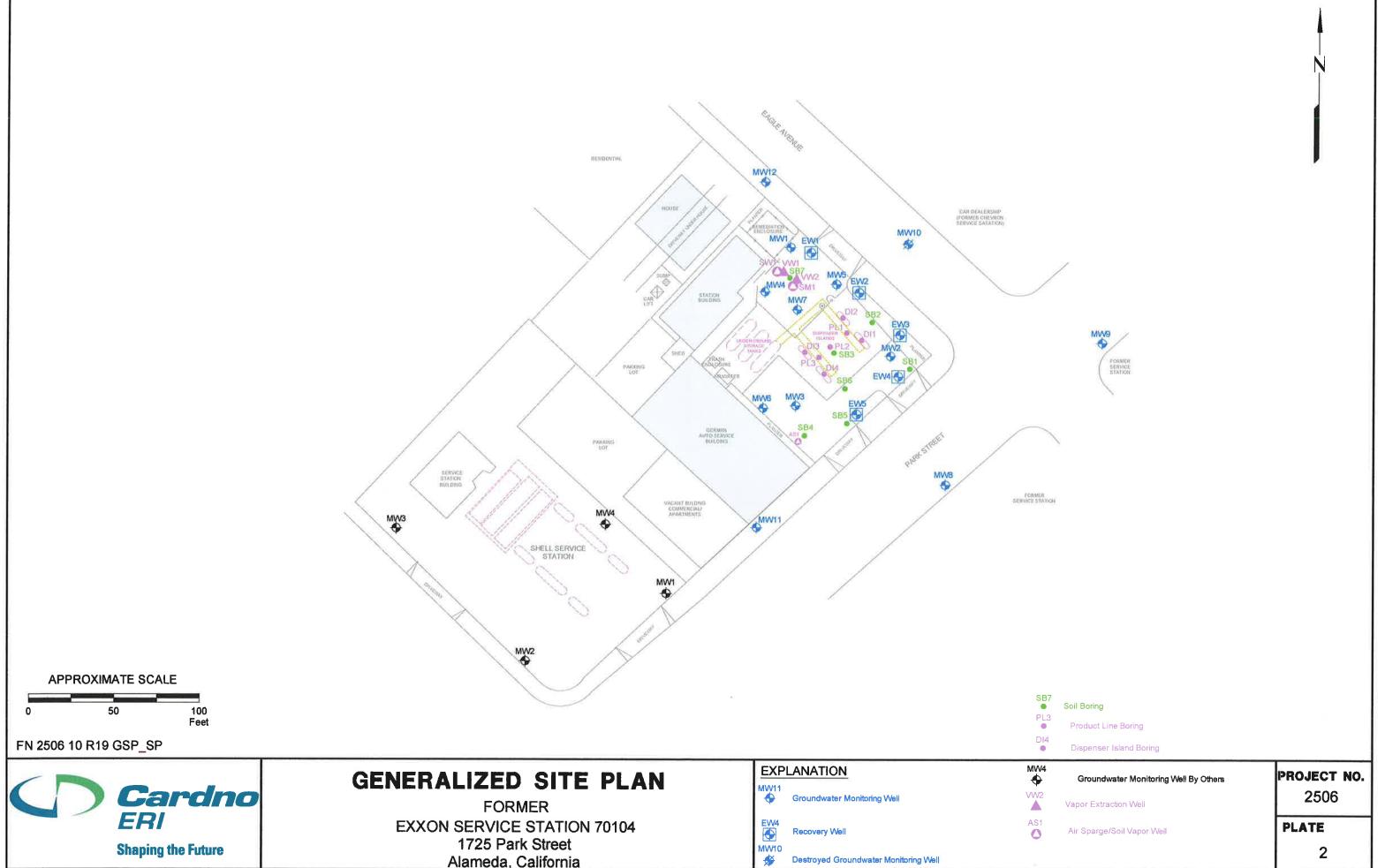






FORMER EXXON SERVICE STATION 70104 1725 Park Street Alameda, California

2506 PLATE



Destroyed Groundwater Monitoring Well

Alameda, California

						Measurer						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)			Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
02/16/98	System st	artup. 0																	,		
03/24/00		-	— ending evaluat	lion.	-	***	_	-													
	12,001	0	_	-		***	_	2.0		A-INF	***				<60.80	<60.80	***	; *** ;		***	Livee:
										A-INT2	1000										
04/04/00	C=.:====	antal Dana			P					A-EFF											
04/01/00			utions Inc. as:																		
06/28/00	12,008	ogrades co 7	mplete, Syste	em restarted:	System shi	utdown for	carbon char 26	ngeout, 2	x 500-pour	A-INF	770.0										
	12,000	,	,				20			A-INF A-INT	18.1										
										A-EFF	13.3										
07/11/00	System do	own on arri	val; restart.																		
	12,011	10	3	86		_	8	4,000	85	A-INF	207.0	51	***	<1.0	0.16	<60.96	0.00	0.00	***		< 0.01
										A-INT	9.1	<10	41.0	<1.0							
07/20/00	Suctom nu	pping on a	mival (vapor ex	drastian a at	om only) C			-4		A-EFF	0.0	<10	200	<1.0							
07720700	12,226	225	215	78	em only). S	ystem rum 	ning on depa	4,500	97	A-INF	42,3										
	,			, ,			•	4,000	3.	A-INT	2.4										
										A-EFF	0.0										
07/31/00	,		arture for cart	-	ut (2x500-po	unds).															
	12,493	492	267	87	_		9	4,500	95	A-INF	266.0										
										A-INT	73.0										
08/10/00	System do	wn on ami	val for carbon	changeout.	System runn	ing on dec	arture.			A-EFF	41.2										
	12,733	732	0	80	_		30	800	17	A-INF	53.5	43		<1	6.46	<67.42	<0.14	0.13	-		< 0.001
										A-INT	0.0	<10	_	<1				3.00			500-500
										A-EFF	0.0	<10		<1							
08/16/00	12 974	873	141	84			.00.5	050	1100	4 1015	4044										
00/10/00	12,874	0/3	141	04	_	_	31.5	250	5	A-INF A-INT	164.1 0.0										
										A-INT	0.0										
08/24/00	System do	wn on dep	arture for carb	on changeou	ıt.						0.0										
	13,065	1,064	191	76		-	20	2,400	52	A-INF	294.0										
										A-INT	23.7										
00/40/00	Contant da		-1 fo- ood o-	-b 4 6	D 1		- 4			A-EFF	2.4										
09/12/00	13,070		al for carbon o	cnangeout, 3	system runn	ing on dep	20	2,600	56	A-INF	247.5	190		0.5	5:00	270.30	0.00	-0.04			10.00
	15,070	1,009	3	74	_		20	2,600	96	A-INT	0.0	<10		2.5 <1.0	5.39	<72.48	0.08	<0.21		***	<0.00
										A-EFF	0.0	<10		<1.0							
09/26/00	13,406	1,405	336	80	_	_	22	2,450	52	A-INF	448.7										
										A-INT	10.7										
10/12/00	Suctom nur	nina on o	tival and dowe	on donothin	o for oarbon	ob anno o	. Complex	tal-an		A-EFF	0_0										
10/12/00		1,785	rival and dowr 380	67		— —	24	2,400	53	A-INF	96.4	55		<1.0	17.86	<90.66	<0.26	<0.46	124	72477	<0.004
		.,	-	0.				2,100	00	A-INT	72.3	21		<1.0	17.00	-50.00	V0.20	\0.40			~0.004
										A-EFF	9.0	<10		<1.0							
											30-	-									

						Measurer						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)		Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
10/30/00	System do	wn on ami	val for carbon	changeout.	System runr	ning on de	parture.														
	13,788	1,787	2	56		-	24	2,450	55	A-INF	10,024	1,700	_	15	0.35	<91.01	0.00	<0.47		_	<0.005
										A-INT	59.1	<10	_	<1.0							
										A-EFF	0.0	<10	-	<1.0							
11/08/00	14,008	2,007	220	60		_	25	2,300	51	A-INF	102.6	29	_	<1.0	37.69	<128.70	<0.35	<0.81	_		<0.004
								_,		A-INT	41.8	<10		<1.0	07.00	120.70	-0.00	10,01			~0,004
										A-EFF	0.0	<10	_	<1.0							
11/21/00	System rur	nning on a	rrival. System	n down on de	parture for c	arbon chai	ngeout.														
	14,314	2,313	306	68		-	25	2,300	50	A-INF	322.0										
										A-INT	32,3										
										A-EFF	42.9										
12/06/00			al for carbon					bon chang	geout.												
12/11/00			al due to carl	-	ut System r	unning on															
	14,316	2,315	2	52	_	_	24	2,400	54	A-INF	957	240	_	2,1	8.15	<136.86	0.09	<0.91	_		<0.005
										A-INT	1.2	<10		<1.0							
										A-EFF	3.1	<10	_	<1.0							
12/27/00	14,697	2,696	381	56	_	_	26	2,600	58	A-INF	192.1										
										A-INT	4.8										
										A-EFF	0.0										
01/09/01	15,012	3,011	315	56			25	2,400	54	A-INF	82,4	32		<1.0	19.10	<155.95	-0.00	-1.40			-0.005
0 11 0 01 0 1	10,012	0,011	010	30			25	2,400	54	A-INT	23.2	<10		<1.0	19.10	<155.95	<0.22	<1.12	_	_	<0.005
										A-EFF	0.0	<10	_	<1.0							
01/23/01	System do	wn on dep	arture for cart	on changeou	ıt.					7	0.0	-10		~1.0							
	15,353	3,352	341	60	-		26	2,300	51	A-INF	485.0										
										A-INT	35.2										
										A-EFF	20.7										
01/31/01	15,355	3,354	2	45	_	_	33	1,500	34	A-INF	10,000										
								.,,,,,,	•	A-INT	0										
										A-EFF	0										
02/13/01	15,669	3,668	314	56			12	4,000	90	A-INF	37.8	31		-4.0		-404.50	.0.40				
0210/01	10,000	0,000	014	00			12	4,000	90	A-INF A-INT	29.5	<10		<1.0 <1.0	5.55	<161.50	<0.18	<1.31		_	<0.008
										A-INT	0	<10	_	<1.0							
02/27/01	System dov	vn on depa	arture for char	ngeout.						7, 2, 1	0	410		~1.0							
		3,998	330	70			8	4,000	87	A-INF	316										
										A-INT	37.5										
										A-EFF	73.6										
03/13/01			al for changed		ng on depart	ure. Mont	-														
	16,002	4,001	3	65	-		9	4,000	88	A-INF	5,833	1,300		6-1	73,60	<235,10	0.39	<1.69	_		<0.008
										A-INT	190.4	16	-	<1.0							
										A-EFF	0	11	_	<1.0							

					Field N	/leasuren	nents					Laborato	ry Analytic	al Results	TPHg R	Removed	Benzene	Removed	MTBEF	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)			Vacuum (in H2O)		Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
03/27/01	System ru	inning on a	arrival and dep	parture.																	
	16,336	4,335	334	62	-	_	10	4,000	89	A-INF A-INT A-EFF	182.6 16.8 0										
04/12/01	-	nning on a 4,724	arrival and dep 389	parture. 72			8	4,000	87												
	10,725	4,724	369	12	_	_	8	4,000	87	A-INF A-INT A-EFF	4,8 2,6 0										
04/25/01	System ru	nning on a	arrival and dep	arture.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ů										
	17,034	5,033	309	80		_	9	4,000	86	A-INF	18.6	<10	****	<1,0	<219.46	<454,56	<1.19	<2.86			<0.008
										A-INT	9.5	<10	***	<1.0							
05/00/04	Contam no		and and day	and						A-EFF	0	26		<1.0							
05/09/01	17,371	-	arrival and dep 337	eπure. 86			10	4,000	85	A-INF	11.3	<10	***	<1.0	<1.07	- 155 CA	<0.11	<2.99			< 0.007
	17,071	0,070	557	00	_		10	4,000	0.0	A-INT	3.6	<10		<1.0	VI.07	<455.64	<0.11	~2.99	****	-	V0.007
										A-EFF	5.9	<10	***	<1.0							
05/24/01	System ru	nning on a	arrival and dep	arture.																	
	17,734	5,733	363	86	_	_	20	3,050	65	A-INF	6.2										
										A-INT	1.6										
06/04/01	Suctem nu	gning on s	ırrival and dep	aduro.						A-EFF	3.1										
00/04/01	17,992		258	80	_	_	40	500	11	A-INF	496	280		<1.0	16:05	<471.69	<0.11	<3.11	inte	7000	<0.001
	11,002	0,00.	200	00			139	000		A-INT	19.7	<10	-	<1.0	10,00	1771.00	10.11	-0.11	200		40.001
										A-EFF	3.2	<10	-	<1.0							
06/19/01	System ru	nning on a	mival and dep	arture.																	
	18,353	6,352	361	80	-	_	38	500	11	A-INF	140										
										A-INT	6.4										
07/02/01	Sustam au	nning on a	irrival and dep	artura						A-EFF	3.0										
07/02/01	18,660	6,659	307	80	_	_	38	500	11	A-INF	7.2										
	10,000	0,000	***						• •	A-INT	0.0										
										A-EFF	0.0										
07/17/01	System rui	nning on a	ırrival and dep																		
	19,028	7,027	368	75		_	10	4,000	86	A-INF	0.0	<10	***	<1.0	<27.27	<498.96	<0.19	<3.29	3666	-	<0.008
										A-INT	0.0	<10	***	<1.0							
08/07/01	System nu	nnina on a	rrival and shu	t down on dep	parture for blo	nwer failur				A-EFF	0.0	<10		<1.0							
06/07/01	System rui	illing on a	illivat alla sila	ac down on dep	-	- Dwei fallui	-			A-INF											
										A-INT											
08/13/01	-			moved awaitir	ng replaceme	ant.															
08/27/01			ng blower rep																		
09/10/01			ng blower repl																		
10/18/01	19,534	wn on am 7,533	vai, installed t 506	olower, and ru 120	ming on de	parture.	31	4,000	80	A-INF	568.0										
	19,004	1,000	300	120		_	31	4,000	OU	A-INF A-INT	3.0										
										A-EFF	2.0										

					Fleld N	Measuren	nents					,	ry Analytic	al Results	TPHa F	Removed	Renzene	Removed	MTRES	Removed	Benzene
	Hour	Total	Hours of	Temp EFF				Flow	Flow	Sample ID	PID	TPHg	MTBE			Cumulative	1	Cumulative		Cumulative	Emitted
Date	Meter			(deg F)						Cample ID	(ppmv)			(mg/M³)		(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(lbs/day)
10/24/01	System ru	inning on a	arrival and dep	arlure.								,									
	19,673	7,672	139	80		-	41	3,300	71	A-INF	93.1	72	_	<1.0	7.76	<506.73	<0.19	<3.48	_	_	<0.006
										A-INT	7.3	<10	_	<1.0							
11/07/01	Svetem nu	innina on s	arrival and dov	vn on departu	re for carbon	changoo	.+			A-EFF	5	<10		<1.0							
11/0//01	20,012	-	339	74	—		л. 45	3,000	65	A-INF	230.0	55	_	<1.0	5.46	<512,18	<0.09	<3,57			<0,005
	20,012	0,0	000	7 -1			40	0,000	00	A-INT	27.0	<10	_	<1.0	5.40	~312,10	<0.09	~3,37			<0,000
										A-EFF	5.1	<10	_	<1.0							
11/21/01	System ru	nning on a	ırrival and dov	vn on departu	re for carbon	changeou	ıt, Samples	taken.													
	20,012	8,011	0	150	_		45	3,000	57	A-INF	373.0										
										A-INT	0.0										
40/40/04	0 -1 1-									A-EFF	0										
12/12/01	20,361		vai, knockout 349	tank High/Hig 142	jh (H/H), and	I running o	n departure. 46		50	4 10/5	00.4	4.5									
	20,301	0,300	349	142		_	46	3,000	58	A-INF A-INT	98.1 1.0	45 <10	_	1.3 <1.0	4.00	<516.18	0.09	<3.66	_		<0.005
										A-EFF	2.7	<10	_	<1.0							
12/27/01	System do	wn on am	val and runnir	ng on departui	re.																
	20,508	8,507	147	142	_	_	44	2,400	46	A-INF	2,396										
										A-INT	2.4										
										A-EFF	0										
01/09/02				tank H/H, and	_	departure,		0.700													
	20,541	8,540	33	148			42	2,700	51	A-INF	794.5	670	-	8.0	13.10	<529.28	0.17	<3.82		_	<0.004
										A-INT A-EFF	36.2 2	<10 <10		<1.0 <1.0							
01/23/02	System rur	nning on a	rrival and dow	n on departur	e for carbon	changeou	its			A-CI I	2	~10	_	~1.0							
	20,876		335	136	_	_	45	3,800	74	A-INF	41.2										
										A-INT	8,3										
										A-EFF	7.2										
02/06/02				ig on departur	e.																
	20,877	8,876	1	50	_		50	3,000	68	A-INF	260	458	_	24.5	42,27	<571.55	1.22	<4.92	_		< 0.003
										A-INT	4.9	<5.00		<0.500							
02/21/02	System nu	nning on a	mival and on o	lanartura						A-EFF	0.1	<5.00	_	<0.500							
02/21/02	21,237		360	158			50	2,600	49	A-INF	189.8										
	2.,20	0,200	000	100			00	2,000	70	A-INT	4.7										
										A-EFF	0.0										
03/06/02	System rur	nning on a	mival and on o	leparture,																	
	21,549	9,548	312	152	_		45	2,800	53	A-INF	185.2	82.3	_	2.90	41,02	<612,57	2,08	<6.90	-	_	<0.002
										A-INT	14.2	15.1	_	<0.500							
00/04/00	0		2 -1 1 1-			,				A-EFF	1.4	16.0		< 0.500							
03/21/02	21,913	-	mvai and depa 364	arture. Installe 146	ed pressure	gauge for	tield reading 38	3,200	61	A-INF	96.3										
	21,313	5,512	304	140	_	_	30	3,200	01	A-INF A-INT	1.5										
										A-EFF	1.7										
04/10/02	System run	nning on a	mival and dow	n on departur	e,					7 t hart 1	1.83										
	-	_	480	76	_	_	45	3,200	69	A-INF	64.3	12.0	_	0,16	9.07	<621.64	0.29	<7.40	_		< 0.001
										A-INT	19.6	<10	_	< 0.10							
										A-EFF	6	<10	_	<0.10							

					Fleid N	deasuren	nents					Laborato	ry Analytica	al Results	TPHg R	Removed	Benzene	Removed	MTBEF	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)		Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
05/08/02	System do	own on arr	ival and runnin	ng on departur	e.																
		10,393	1	109	_		37	3,000	61	A-INF	354.1	440.0	_	3.2	0.05	<621_69	0.00	<7.43	223	V1117	<0.000
										A-INT	16.7	<10	_	< 0.10	0.00	1021-00	0,00	7.40		-	50.000
										A-EFF	11,9	10	_	< 0.10							
05/16/02			imival and on o																		
	22,592	10,591	198	118	7		41	2,800	57	A-INF	98.1										
										A-INT	3.9										
05/22/02	Svetem nu	nning on s	nrival and on o	donatura						A-EFF	3.9										
00/22/02	22,731	-	139	118	7		38	2,800	57	A-INF	98.1										
	EE, roi	10,100	100	110	,		30	2,000	37	A-INT	3.9										
										A-EFF	3.9										
06/05/02	System rui	nning on a	mival and dow	n on departure	e for carbon	changeou	ite				0.0										
	23,068		337	118	_	-	38	3,000	60	A-INF	101.1										
										A-INT	10.1										
										A-EFF	18.2										
06/19/02				ig on departure	Э																
	23,068	11,067	0	76	_	_	9	3,000	65	A-INF	178,8	120.0	_	0.83	44.32	<666.01	0.32	<7.73	1000	Many .	< 0.001
										A-INT	0.0	<10	-	<0.10							
07/03/02	System nu	nnina on a	mival and dep	arture						A-EFF	0.0	<10	_	<0.10							
01100102	23,409		341	112	_		25	3,000	61	A-INF	62,2	33	_	0.25	6.11	<672.12	0.04	<7.79			< 0.001
							-000	0,000		A-INT	0.0	<10	_	<0.10	0.11	-072.12	0.04	-1.19			100.00
										A-EFF	0.0	<10	_	<0.10							
07/17/02	-		val and runnin	g on departure	€.																
	23,434	11,433	25	109		_	70	3,000	61	A-INF	82.2										
										A-INT	0.0										
07/31/02	Cuntam nu	:								A-EFF	0.0										
01131102	23,764		rrival and depa	110			21	3,000	61	A-INF	40.4										
	20,704	11,700	550	110	_		21	3,000	01	A-INT	16.4 0.0										
										A-EFF	0.0										
08/14/02	System run	ning on a	rival and depa	arture.						71 - 11	0.0										
	24,103	12,102	339	112	_	_	16	3,000	61	A-INF	9.8	19	_	0.21	4.09	<676.21	0.04	<7.83	***	200	<0.001
										A-INT	00	<10	_	<0.10	107.00	87.5.7377.	(2020)	111			.0.001
										A-EFF	0.0	<10	-	<0.10							
08/28/02		-	rival and dow																		
	24,414	12,413	311	110	_		16	3,000	61	A-INF	16.0										
										A-INT	0.0										
11/06/02	System do	wn on ami	al and running	n denadure						A-EFF	0.0										
	24,415		1	106	_	_	26	3,000	61	A-INF	1282	1,300	_	12	46.88	<723.10	0.43	<8.24			~0.004
	,	,	,	.00			20	0,000	01	A-INT	0.0	<10	_	<0.10	40.00	<723.10	0.43	<8.24	ee.		<0.001
										A-EFF	0.0	<10	_	<0.10							
11/20/02			rival and depa	arture.																	
	24,754	12,753	339	122	-	_	36	3,300	66	A-INF	67.6										
										A-INT	1.1										
										A-EFF	0.0										

						<i>l</i> leasurer						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	(in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	1	Cumulative (pounds)	Emitted (lbs/day)
12/04/02	System ru	nning on a	rrival and dep	arture.																	
	25,084	13,083	330	112	_	-	46	3,200	65	A-INF	47.5	<500	_	<5.0	<141.73	<864.83	<1.34	<9.48	_	_	< 0.005
										A-INT	0.2	<100	_	<1.0							
40/40/00	04									A-EFF	0.0	<100	_	<1.0							
12/18/02	25,422		mival and dep 668																		
	20,422	13,421	000	112	7	_	46	3,000	62	A-INF A-INT	76.1										
										A-INT A-EFF	2.1										
01/06/03	System rui	nning on a	rrival and on	departure for	carbon chan	igeout.				A-CIT	0.0										
	25,875		453		_		35	3200	80	A-INF	372.0										
										A-INT	602.0										
										A-EFF	604.0										
01/15/03	-		val and runnir		re.																
	25,875	13,874	0	112		_	45	2,800	57	A-INF	134.0	110	_	1.4	54.68	<919.51	0.57	<10.11	_	_	<0.001
										A-INT	1.3	22	_	< 0.20							
01/29/03	System nu	nning on a	mival and dep	arturo.						A-EFF	00	<20	-	<0.20							
01/23/03	26,210	-	335	114	_		45	2,700	54	A-INF	56.9										
	20,210	11,200	000	117			40	2,700	04	A-INT	0.0										
										A-EFF	0.0										
02/12/03	System rur	nning on a	rrival and dep	arture.																	
	26,548	14,547	338	110		_	44	2,800	57	A-INF	50.6	24	_	0.27	9.55	<929.06	0.12	<10.28		_	< 0.000
										A-INT	3.4	90	_	191							
										A-EFF	0.0	<10	-	<0.10							
02/26/03			mival and depa		n changeout	performed															
	26,884	14,883	336	112	_	_	44	2,300	46	A-INF	122.9										
										A-INT A-EFF	1.9 0.0										
03/12/03	System rur	nning on a	rival and depa	arture. Carbor	n changeout	performed	l			A-FLL	0.0										
	27,218		334	120	_		43	2,600	52	A-INF	30.4	59	_	0,81	5.64	<934.71	0.07	<10.36		_	<0.000
										A-INT	0.6	<10	_	<0.10			0.0				-0.000
										A-EFF	0.1	<10		<0.10							
03/26/03	-	-	rival and depa																		
	27,555	15,554	337	116	_		40	2,700	54	A-INF	12.4						2				
										A-INT	2.5										
04/09/03	System nur	ining on ar	rival and depa	arturo						A-EFF	0.1										
04/05/05	27,889		334	120			40	2,800	56	A-INF	36.0	57		0.00	7.00	1040 50	0.00	*40.45			.0.004
	27,000	10,000	30 ⁺	120			40	2,600	30	A-INT	2.4	<10	_	0.36 <0.10	7.83	<942.53	0.08	<10.45	_	_	< 0.001
										A-EFF	1.0	<10	_	<0.10							
04/23/03	System run	ning on ar	rival and depa	arture.						,, _,,	110	-10		-0.10							
	28,227	16,226	338	113	-	_	39	2,400	48	A-INF	54.7										
										A-INT	4.0										
										A-EFF	3.7										
05/07/03	-		rival and depa																		
	28,563	16,562	336	118	_	_	40	2,500	50	A-INF	8.5	14		0.34	4.73	<947_27	0.05	<10.49	-	-	<0.000
										A-INT	1.8	<10	_	<0.10							
										A-EFF	2.2	<10	_	<0.10							

						/leasuren						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)			Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
05/21/03	System ru	nning on a	rrival and dep	arture,																	
	28,900	16,899	337	127	-		38	2,750	54	A-INF	15.8										
										A-INT	2.4										
										A-EFF	1.3										
06/04/03			rrival. System						******												
	29,234	17,233	334	121	-	-	39	2,900	58	A-INF	81.2										
										A-INT A-EFF	90.7 70.2										
06/18/03	System do	wn on arri	val for change	out System	runnina on d	eparture.				A-LFF	70.2										
	29,237		3	120	_	_	39	2,800	56	A-INF	120.0	790	_	12	53,58	<1,000_85	0.82	<11.32	-		<0.001
										A-INT	0.1	<10	_	0.13	00,00	1,000.00	0.02	11102	33760		10001
										A-EFF	0.1	<10	_	< 0.10							
07/02/03			mival and dep																		
	29,576	17,575	339	120	_	-	38	3,200	64	A-INF	91.0	70	-	1.1	32,58	<1,033.43	0.50	<11.81		***	<0,001
										A-INT	0.0	<10	_	<0.10							
07/16/03	Sustam nur	nning on a	rrival and dep	aduro						A-EFF	0,1	<10	_	<0.10							
01/10/03	29,910	-	334	129	_		39	3,150	62	A-INF	95.0										
	20,010	17,000	004	123	_	_	38	3,100	02	A-INT	6.6										
										A-EFF	2.5										
07/30/03	System rur	nning on a	rival. Shut do	own for carbo	n changeout	. Down or	departure.														
	30,241	18,240	331	118	_		40	3,050	61	A-INF	51,7										
										A-INT	22.6										
										A-EFF	0.0										
08/13/03	-		al. Restarted		n departure.																
	30,244	18,243	3	125	_		39	3,100	61	A-INF	321.0	110	_	1,9	14.05	<1,047,48	0.23	<12.05		***	< 0.001
										A-INT A-EFF	5.7	<10	_	<0.10							
08/27/03	System run	nning on ar	rival and depa	arture.						A-CFF	6.8	10	_	0.26							
00.200	30,501		257	121			39	2,900	58	A-INF	122,6										
								_,	2.20	A-INT	2.6										
										A-EFF	1.5										
09/10/03	System run	ning on ar	rival and depa	arture,																	
	30,919	18,918	418	126	_	_	40	2,650		A-INF	117.0	93	_	2.4	14.54	<1,062.02	0.31	<12.35	***	35000	<0_0005
										A-INT	6.4	<10	_	<0.10							
00/24/02	Cuntom nu	nina on or	rivel and dans	and a second						A-EFF	3.0	<10	_	<0.10							
09/24/03	31,256		rival and depa 337	120			38.5	3,150	en:	A 1815	00.0										
	31,200	15,200	337	120	_	_	30.5	3,150	63	A-INF A-INT	96.0 17.0										
										A-EFF	0.6										
10/08/03	System run	ining on an	rival and depa	irture.							0.0										
	31,587	19,586	331	120			38	3,000	60	A-INF	31.0	33	_	0,52	8.82	<1,070.84	0.20	<12.56	3666		< 0.0005
										A-INT	1.9	<10	_	< 0.10							
										A-EFF	0.0	<10		<0.10							
10/22/03	-		rival. Shut do	wn due to ba	d motor start	er.															
	31,923	19,922	336	_			41	2,700	68	A-INF	36.0										
										A-INT	3.0										
										A-EFF	2.0										

						/leasurer						Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
11/03/03	-		val and depar																		
11/12/03				ture. Replace		otor starte	r heater asse	embly.													
11/17/03				d. Running or	n departure.																
	31,927	19,926	4	110	-	_	36	3,100	63	A-INF	262.0										
										A-INT	3.1										
12/01/03	System nu	inning on a	mival and dep	arture:						A-EFF	0.2										
	32,263	_	336	108	-	_	38	2,800	57	A-INF	25.3	26		0.55	4.35	<1,075.19	0.08	<12.64			<0.0005
								2,000	01	A-INT	0.0	<10		<0.10	4.00	V1,070.19	0.06	12,04	-	-	<0.0003
										A-EFF	0.0	<10	_	<0.10							
12/15/03	-	-	rival and dep	arture.																	
	32,600	20,599	337	102	10	-	32	3,400	72	A-INF	53.0										
										A-INT	7.0										
40/00/00	Contam no	:								A-EFF	2.7										
12/29/03	32,932		rival and dep	arture. 94	0.5		0.4	0.400	70												
	32,932	20,931	332	94	9.5	_	34	3,400	73	A-INF A-INT	46.9										
										A-INT A-EFF	0.0										
01/12/04	System do	wn on arriv	al, groundwa	ter pump and	treat transfe	er pump fa	ilure. Svster	m down fo	or knockou	t drum replacer											
01/26/04				ure, blower no																	
02/09/04									tv Manage	ment District (B.	A AOMD) o	onditions.									
06/27/05	Retrofitted						, , , , , , , , ,		-, <u>-</u>		, , , , , , , , , , , , , , , , , , , ,	orraniono.									
	33,268		336	72	1		136.1	3,900	85	A-INF	185.6	124	8.63	11:3	20.00	<1,095.18	1.58	<14.22	0.00	0.00	< 0.0039
								,		A-INT	0.0	<10.2	<0.508	<0.508	Lordo	1,000110	1,00			0.00	
										A-EFF	0.6	<10.2	<0.508	<0.508							
06/28/05	33,269	21,268	1	72	2	_	88.5	3,400	74	A-INF	34.1										
										A-INT	0.0										
										A-EFF	0.0										
06/29/05			departure for	bi-weekly vis	sitation reque	est with the	e BAAQMD.														
	33,289	21,288	20	72	1		74.9	2,800	61	A-INF	711.0										
										A-INT	0.0										
07/04/05	0 -1 1-	111-	- D 4 4	. 0 . 111 . 14						A-EFF	0.0										
07/01/05				r Quality Man	-		iit modificatio	on.													
07/08/05	-		i-weekly visita 2	ation frequenc		1)=:	05.0	0.000	20	A INC											
	33,291	21,290	2	70	2	_	95.3	3,000	66	A-INF A-INT	571.0										
										A-INT A-EFF	0.0 4.7										
07/11/05	Shut down	system on	departure for	vapor-phase	carbon (VP)	C) change	out 3@500-r	ounds.		A-LIFE	4.7										
			71	79	1			4,000	86	A-INF	1,683.0										
									11.04.04.11	A-INT	196.0										
										A-EFF	224.0										
07/15/05			t VPC change	eout Added o	one more 50	0-pound v	essel in serie	es, three	total before	discharge to a	tmosphere.	3									
07/15/05		system pos 21,362	t VPC change 1	out Added o	one more 50 2	0-pound v —		es, three 3,000	total before 65	discharge to a A-INF	tmosphere 440.0										
07/15/05						0-pound v —				A-INF A-INT1	440.0 0.0	e e									
07/15/05						0-pound v —				A-INF	440.0										

					Fleld I	Measuren	nents					Laborato	ry Analytica	al Results	TPHg R	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
07/22/05	33,363	21,362	0	78	2	_	108.9	3,000	65	A-INF A-INT1 A-INT2	440.0 0.0 —	799 20.2 	71.8 4.87	72.7 2.03	12,27	<1,107.45	1.12	<15.33	1.07	1.07	0.003
07/24/05	Responde	d to auto o	dialer callout:	Shut down sy	/stem, arran	ging for liq	uid-phase ca	arbon (LP	C) change	A-EFF out (clogged) 36	0.0 @500-poun	<10.2 ds.	< 0.609	0.508							
	33,462		99	80	2		108,9	2,600	56		0										
07/29/05	33,462	21,461	0	-	944	=	_		_												
08/05/05	33,462	21,461	0	78	2	-	108.9	2,800	60	A-INF A-INT1 A-INT2 A-EFF	16.0 0.0 0.0 0.0	8,64 <5,00 <5,00 <5,00	0.704 <0.500 <0.500 <0.500	0.855 <0.500 <0.500 <0.500	9.36	<1,116.81	0.85	<16.19	0.84	1.91	<0.003
08/12/05	33,470	21,469	8	78	2	_	108,9	2,600	56	A-INF A-INT1 A-INT2 A-EFF	56.0 46.0 6.0 0.0										
08/19/05	33,638	21,637	168	70	2	-	108.9	2,600	57	A-INF A-INT A-EFF	18.0 8.1 7.6										
08/26/05	33,638	21,637	0	70	2	i)—	108.9	2,600	57	A-INF A-INT1 A-INT2 A-EFF	56.0 0.0 0.0 0.0										
09/02/05	33,806	21,805	168	70	2	-	122.5	3,000	66	A-INF A-INT1 A-INT2 A-EFF	58.3 0.0 0.0 0.0										
09/09/05	33,974	21,973	168	70	2	_	122.5	2,600	57	A-INF A-INT1 A-INT2 A-EFF	58.3 0.0 0.0 0.0	14.4 <5.00 <5.00 <5.00	<0.500 <0.500 <0.500 <0.500	0.520 <0.500 <0.500 <0.500	1.29	<1,118.11	0.08	<16.26	<0.07	<1.98	<0.003
09/16/05	34,142	22,141	168	70	2	-	108.9	3,600	79	A-INF A-INT1 A-INT2 A-EFF	168.0 3.0 0.0 0.0										
09/19/05	34,208	22,207	66	70	2	-	108,9	3,600	79	A-INF A-INT1 A-INT2 A-EFF											

					Fleld N	Measurem	nents					Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation							Sample ID	PID (ppmv)	TPHg (mg/M³)			Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
10/07/05	34,208	22,207	0	70	2		108.9	3,600	78	A-INF	6.0										
										A-INT1	21.0										
										A-INT2 A-EFF	0.0										
10/14/05	System sh	nut down fo	or blower repa	ir and vapor p	olpina size in	crease.				A-CIT	0.0										
	34,335		127	_	—		_			A-INF	***										
										A-INT1	***										
										A-INT2											
										A-EFF	***										
02/23/06	System do	own on arri 34,338	ival. Retrofit c 3	omplete Res	started. Run —	ning on de		2 200	1.47	A INT	40.0										
	3	34,336	3	09		_	122.5	3,000	147	A-INF A-INT1	12.2 12.1										
										A-INT2	0.8										
										A-EFF	0.4										
02/24/06	System ru	nning on a	rrival and dep	arture.																	
	24	34,359	21	70	2		136	1,600	79	A-INF	0.0	<5.00	<0.500	< 0.500	< 0.95	<1,119.06	< 0.05	<16.31	< 0.05	<2.03	< 0.004
										A-INT1	0.0	27.3	3.24	< 0.500							
										A-INT2	0.0	<5.00	< 0.500	<0.500							
03/03/06	Sustam au	nning on a	mival and dep	orturo						A-EFF	0.0	<5.00	<0.500	<0.500							
03/03/06	191	34,526	167	70	2	_	136	1,600	79	A-INF	0.0	24.5a	<0.500	< 0.500	< 0.73	<1,119.78	< 0.02	<16.34	<0.02	<2.05	< 0.004
	101	01,020	101	7.0	-		100	1,000	7.5	A-INT1	0.0	58.9 a	<0.500	< 0.500	40.10	11,113.70	-0.02	10.04	40.02	12.00	10.004
										A-INT2	0.0	5.00	<0,500	<0.500							
										A-EFF	00	5.00	<0.500	<0.500							
03/10/06	-		rrival and dep																		
	277	34,612	86	70	2	_	136	1,600	79	A-INF	00										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
03/17/06	System do	wn on am	val (well box h	iah level). Re	estarted. Ru	nning on d	eparture			/\ _!!!	0.0										
	,	34,710	98	70	2	_	136	1,200	59	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
	_									A-EFF	0.0										
03/24/06	-		mival and depa		0		400	4 400	00	A-INF											
	510	34,845	135	70	2		136	1,400	69	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/31/06	System do	wn on arri	val (well box h	igh level). Re	estarted. Ru	nning on d	eparture,														
	527	34,862	17	70	2	_	149.71	1,500	74	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						Measurem						Laborato	ry Aпаlytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
04/07/06	System ru	unning on a	rrival and dep	arture.																	-
	696	35,031	169	70	2		135,9	1,400	69	A-INF	0.0	<50.0	<0,500	0.535	<5.20	<1.124.98	< 0.07	<16.41	< 0.07	<2.12	< 0.003
										A-INT1	0.0	<50.0	0.571	< 0.500							
										A-INT2	0.0	70.8 a	< 0.500	<0.500							
04/13/06	Cinton a	anina on o	reivel davis o	n departure fo						A-EFF	0.0	84.9a	<0.500	<0.500							
04/13/00	837	35,172	141	76	2	angeout.	135.9	2,200	107	A-INF	4.5										
	00.	00,112	1.71	10	4	10	100.5	2,200	107	A-INT1	1.5 43.9										
										A-INT2	30.3										
										A-EFF	26.0										
04/28/06	System do	own on arri	val and runnin	ig on departur	re (carbon cl	hangeout 3	@500 lbs.).														
	837	23,171	0	76	2		135.9	1,400	68	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
05/05/06	Contam au									A-EFF	0,0										
03/03/06	1,006	23,340	rrival and depa 169	70	2	_	108.7	1,500	74	A INIT											
	1,000	20,040	103	70	2	_	100.7	1,500	74	A-INF A-INT1	0.0	b b	b b	b b							
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	< 0.500	<0.500							
05/12/06	System rui	nning on a	rival and depa	arture,																	
	1,172	23,506	166	70	2		122.3	1,500	74	A-INF	0.0	<50.0	< 0.500	<0.500	<6.36	<1,131.33	<0.07	<16.48	< 0.06	<2.18	< 0.003
										A-INT1	0.0	<50.0	<0.500	<0.500							
										A-INT2	0.0	<50.0	< 0.500	<0.500							
05/19/06	System nu	nning on ar	rival and depa	arturo.						A-EFF	0.0	<50.0	<0.500	<0.500							
00/19/00	1,339	-	167	70	2	_	135.9	1,600	79	A-INF	0.0										
	1,000	20,0.0	107	, ,	-		100.0	1,000	13	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/25/06			rival and depa	arture.																	
	1,485	23,819	146	70	2	-	135.9	1,600	79	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
06/02/06	Svetem nur	nning on or	rival and depa	orturo.						A-EFF	0.0										
00/02/00	1,676		191	70	2	_	135.9	1,600	79	A-JNF	0.0										
	.,,,,,	_,,,,,,		, ,	_		100.0	1,000		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/09/06	System run	nning on ar	rival and depa	irture.																	
	1,846	24,180	170	70	2	-	135.9	1,499	74	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						/leasuren						Laborato	ry Analytica	l Results	TPHg F	Removed	Benzene	Removed	MTBER	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
06/16/06	System de	own on arri	val and runnir	ng on departu	re.																
	1,967	24,301	121	70	2	(HT)	135.9	1,400	69	A-INF	0.0	<50.0	2.73	<0.500	<10.61	<1,141,95	<0.11	<16.58	< 0.34	<2.53	< 0.003
										A-INT1	0.0										
										A-INT2	0.0	<50.0	<0.500	< 0.500							
06/23/06	System nu	inning on a	rrival and dep	arture						A-EFF	0.0	<50.0	<0.500	<0.500							
00/20/00	2,134	-	167	70	2		135.9	1,450	71	A-INF	0.0										
	-1/-1				50		10010	1,400	, ,	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/30/06	-		mival and dep																		
	2,300	24,634	166	70	2	eee .	135.9	1,400	69	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
07/05/06	Svetom ni	nning on a	mival and dep	orturo						A-EFF	0.0										
07700700		24,758	124	70	2	783	135.9	2,000	98	A-INF	15.7	<50.0	<0.500	<0.E00	-7.45	-4.440.40	-0.07	-40.05		-0.70	.0.004
	21.12.1	24,100	12.7	, ,			100.5	2,000	90	A-INT1	0.0	<50.0	< 0.500	<0.500 <0.500	<7.15	<1,149,10	<0.07	<16.65	< 0.23	<2.76	<0.004
										A-INT2	0.0	<50.0	< 0.500	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
07/14/06	System rui	nning on a	mival and depa	arture.																	
	2,644	24,978	220	70	2	***	135.9	2,000	98	A-INF	240.0										
										A-INT1	3.2										
										A-INT2	0.0										
07/20/06	System nu	nning on a	rival and depa	arture						A-EFF	0.0										
07720700	2,804	-	160	70	2	-	135.9	1,800	89	A-INF	61.0										
	2,001	20,100	100	10	1		100.5	1,000	03	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/28/06	System rur	nning on ar	rival and depa	arture.																	
	2,973	25,307	169	70	2	****	135.9	1,800	89	A-INF	56.0										
										A-INT1	0.0										
										A-INT2	0.0										
08/04/06	Suntam nur	onina on or	rival and depa	ad una						A-EFF	0.0										
06/04/06	3,144	25,478	171	70	2	-	135.9	1,800	89	A-INF	96.0	147	1:30	1.71	<24.82	<1,173.92	-0.00	~40 00	40.00	40.00	40 004
	0,111	20,470		, ,		0.55	100,0	1,000	03	A-INT1	0.0	<50.0	<0.500	<0.500	~24-02	<1,173±9Z	<0.28	≪16.93	<0.23	<2.98	<0.004
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	< 0.500	<0.500							
08/11/06	System rur	nning on ar	rival and depa	arture.																	
	3,308	25,642	164	70	2	****	135.9	2,200	108	A-INF	65.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					Fleld N	/leasurem	nents				1	Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours		Temp EFF (deg F)						Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
08/18/06	System ru	unning on a	rrival and dep	parture,																	
	3,483	25,817	175	70	2	·	135.9	2,500	123	A-INF	60.0										
										A-INT1	0.0										
										A-INT2	0.0										
00/05/00	Combon d				A					A-EFF	0.0										
08/25/06		25,820	3 (חירו illois	ture separato 70	r), restanted :	system	135.9	2,500	123	A-INF	56.0										
	3,700	20,020	3	70	2		155.5	2,000	123	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/01/06	System ru	inning on a	rrival and dov	vn for LPC cha	angeout on o	leparture.															
	3,654	25,988	168	70	2	_	135.9	2,500	123	A-INF	27.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/15/06	-			hangeout con		-		0.500	400	A INIT	0.0										
	3,657	25,991	3	70	2		135.9	2,500	123	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/22/06	System do	own on arri	val, locked ou	ıt/tagged out s	system for re	pair.				7.	0,0										
40/00/00	3,734	26,068	77	70	2	_	136.1	2,500	123	A-INF	30.0										
10/06/06	3,734	20,000	11	70	2	_	130.1	2,500	123	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/13/06	3,742	26,076	8	70	2	_	136-1	2,500	123	A-INF	60.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/20/06				shut down for		geout															
	3,744	26,078	2	70	2	_	_		-	A-INF A-INT1 A-INT2	-										
10/27/06	System do	own on ami	val for carbon	changeout. S	System runni	ing on dep	arture.														
	3,744	26,078	0	70	2	_	136.1	2,500	123	A-INF	204.0	<50.0	<0.500	< 0.500	<23.40	<1,197.32	< 0.26	<17,19	<0.21	<3.20	< 0.006
										A-INT1	1.0	<50.0	2.08	<0.500							
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	< 0.500	< 0.500							
11/03/06			rrival and dep																		
	3,915	26,249	171	70	0		136.1	2,500	122	A-INF	10-0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
										M-EFF	0.0										

						/leasurem						Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
11/10/06	System ru	inning on a	rrival and dep	arture.										-							-
	4,079	26,413	164	100	2	***	136.1	2,500	117	A-INF	72.0	141	2.68	2.86	<14.34	<1,211.65	< 0.25	<17.45	<0.24	<3.44	0,012
										A-INT1	2.0	65,4	3.46	< 0.500	11101	1,211.00		17.40	10,24	\J.44	0,012
										A-INT2	0.0	<50.0	1.31	0.686							
11/14/06	Combana au	:								A-EFF	0.0	<50.0	<0.500	1.16							
11/14/00	4,135	26,469	mival and dep 56	апи <i>ге.</i> 110	1		140.7	0.500	444												
	1,100	20,100	00	110	300	-	149.7	2,500	114	A-INF A-INT1	53.0 1.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/20/06	System ru	nning on a	rival and depa	arture.							0,0										
	4,321	26,655	186	110	1		149.7	2,500	114	A-INF	63.0										
										A-INT1	0.0										
										A-INT2	0.0										
11/27/06	Sustan nu	onina on a	rival and depa							A-EFF	0.0										
11/2//00	-	26,821	166	110	1		136.1	0.500		A INIE											
	4,407	20,021	100	110			130.1	2,500	114	A-INF A-INT1	63.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/05/06	System rur	nning on ar	rival and depa	arture							0.0										
	4,677	27,011	190	100	1	10	136.1	2,600	121	A-INF	10.0	<50.0	<0.500	< 0.500	<25.35	<1,237.00	<0.45	<17.89	<0.42	<3.86	< 0.005
										A-INT1	0.0	<50.0	<0.500	< 0.500							
										A-INT2	0.0	<50.0	< 0.500	<0.500							
12/15/06	System do	wn on arriv	al and nunning	g on departure						A-EFF	0.0	<50.0	< 0.500	< 0.500							
12 10/00	4,784		107	110	1	-	136.1	2,500	114	A-INF	40.0										
	.,			110	2)		130.1	2,300	114	A-INT1	16.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/21/06		-	rival and depa	rture.																	
	4,952	27,286	168	100	10	***	136.1	2,500	119	A-INF	46.0										
										A-INT1	0.0										
										A-INT2	0.0										
2/27/06	System do	un on arriv	al and nunning	on departure						A-EFF	0.0										
1221100	5,039		87	120	10	11	149.7	2,250	103	A-INF	0.0										
	0,000	27,070	07	120	10	30.0	149.7	2,230	103	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/05/07				on departure							- 47										
	5,137	27,471	98	110	10	10	136.1	2,400	112	A-INF	0.0										
										A-INT1	0-0										
										A-INT2	0.0										
										A-EFF	0.0										

					Fleld N	/leasuren	nents					Laborato	ry Analytica	I Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)		Vacuum (in H2O)		Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)		Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
01/12/07	System n	unning on a	rrival and dep	arture.																	
	5,297	27,631	160	110	10	11	149.66	2,400	112	A-INF	10.0	<50.0	< 0.500	<0.500	<13.50	<1,250.51	<0.14	<18.03	< 0.14	<3.99	<0.005
										A-INT1	0.0	<50.0	< 0.500	<0.500	110.00	1,200.01	~0.14	~10.03	-0.14	~3.99	<0.003
										A-INT2	0.0	<50.0	<0.500	<0.500							
01/19/07	Contant de									A-EFF	0.0	<50.0	<0.500	<0.500							
01/19/07	5,370	27,704	vai and runnir 73	ig on departur 110	e	10	136.1	2,400	***	4 1415											
	5,0.0	2.11.0.1	70	110	10	10	130.1	2,400	112	A-INF A-INT1	6.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/26/07			rrival and dep																		
	5,528	27,862	158	110	10	8	108.84	2,600	121	A-INF	1.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
02/02/07	System ru	nning on ar	Tival and depa	arture.						A-CFF	0.0										
	5,696	28,030	168	90	9	8	108.8	2,400	116	A-INF	3.0	<50.0	< 0.500	<0.500	<8.50	<1,259.01	<0.09	<18.11	< 0.09	<4.08	<0.005
										A-INT1	0.0	<50.0	< 0.500	< 0.500		,,===,;	0100		-35.049	1100	-0,000
										A-INT2	0.0	<50.0	< 0.500	< 0.500							
02/09/07	Svetom nu	nnina on ar	rival and depa	net uno						A-EFF	0.0	<50.0	< 0.500	<0.500							
02/09/01	5,865	28,199	169	90	9	8	108,84	2,400	116	A-INF	0.0										
	-,			00	Ü	O	100,04	2,400	110	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/16/07				ed out/tagged																	
	6,033	28,367	168	110	0	8	108.84	2,400	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
02/23/07	System loc	ked out/tag	ged out on a	rrival and depa	arture					7	0.0										
03/02/07	System loc	ked out/tag	ged out on a	rrival and depa	arture.			00													
03/09/07	System loc	ked out/tag	ged out on a	mival and depa	arture.																
04/03/07	System loc	ked out/tag	ged out on a	rival, restarted	d, and runnii	ng on depa	arture.														
	6,033	28,367	0	110	0	8	108-84	2,600	118	A-INF	2.0										
										A-INT1	0.0										
										A-INT2	0.0										
04/12/07	System run	ining on arr	ival and depa	rture.						A-EFF	0.0										
0 11 1 2 0 7	6,240	28,574	207	90	0	8	108.84	2,600	123	A-INF	2.0	<50.0	<0.500	<0.500	<12.14	<1,271.14	<0.12	<18.23	<0.12	<4.20	<0.006
								_,,,,,	. = 0	A-INT1	0.0	<50.0	0.703	0.888	12.14	\1,Z11.14	~0.12	<10.23	V0.12	<4.20	<0.006
										A-INT2	0.0	<50.0	0.646	< 0.500							
										A-EFF	0.0	<50.0	<0.500	< 0.500							
04/20/07	System run 6,430	ning on arr 28,764	ival and depa 190	rture. 110	0		100.01														
	0,430	20,704	190	110	0	8	108-84	2,600	118	A-INF	4.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										

						deasuren						Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
04/25/07	System de	own on am	val and runnir	ng on departui	re.																
	6,475	28,809	45	110	0	8	108.84	2,600	118	A-INF	4.0										
										A-!NT1	0.0										
										A-INT2	0.0										
05/04/07	System do	own on ami	val and nunnin	ng on departur	ή.					A-EFF	0.0										
	6,491	28,825	16	110	0	8	108.84	2,600	118	A-INF	2.0										
									100,100	A-INT1	0.0										
										A-INT2	0.0										
05/11/07	Contorn de		-1 1 !-							A-EFF	0.0										
05/11/07	6,647	28,981	vai and runnin 156	ig on departur 120	e. 0	8	108.84	0.000	440												
	0,047	20,301	150	120	U	0	108.84	2,600	116	A-INF A-INT1	4.0 0.0	<50.0	< 0.500	<0,500	<9.10	<1,280.25	< 0.09	<18.32	< 0.09	<4.29	< 0.005
										A-INT2	0.0	<50.0 <50.0	0.973 <0.500	<0.500 <0.500							
										A-EFF	0.0	<50.0	< 0.500	< 0.500							
05/17/07				g on departur																	
	6,760	29,094	113	100	0	6	81.63	2,600	121	A-INF	3.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
05/25/07	System rur	nning on ar	rival and depa	arture.						A-LIT	0.0										
	6,930	29,264	170	100	0	6	81.63	2,600	121	A-INF	2.0										
										A-INT1	0.0										
										A-INT2	0.0										
06/08/07	System nur	nning on ar	rival and shut	down on dep	arture					A-EFF	0.0										
00,00,0,	7,284	29,618	354	100	0	6	81.63	2,600	121	A-INF	4.0										
								_,,,,,		A-INT1	0.0										
										A-INT2	0.0										
00/04/07	0 -1 1-									A-EFF	0.0										
06/21/07	7,428		al and running 144	g on departure 100	0	8	100.04	0.000	101	4 11 15											
	7,720	23,702	177	100	U	8	108.84	2,600	121	A-INF A-INT1	1.0 0.0	b <50.0	b <0.500	b =0.500							
										A-INT2	0.0	<50.0	<0.500 1 ₋ 17	<0.500 <0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
06/29/07				g on departure																	
	7,615	29,949	187	150	0	8	108.84	2,600	111	A-INF	1.0	<50.0	<0.500	<0.500	<20.56	<1,300.80	< 0.21	<18.53	< 0.21	<4.50	< 0.005
										A-INT1	0.0	<50.0	<0.500	0.753							
										A-INT2 A-EFF	0.0	<50.0 <50.0	1.81	<0.500							
07/06/07	System dov	wn on arriv	al and running	on departure						A-EFF	0.0	<50.0	<0.500	<0.500							
		29,994	45	150	0	7	95-24	2,400	102	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						/leasuren						Laborato	ry Analytica	al Results	TPHg R	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
07/11/07	System do	own on arri	val and runnin	ig on departu	re.														L.		
	7,703	30,037	43	110	0	8	108.84	2,600	118	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/18/07			val and runnin																		
	7,819	30,153	116	80	0	6	81.63	3,000	144	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
07/20/07	Svetom do	wo on arri	ed and numbin	a oo donad						A-EFF	0.0										
01120101		30,192	val and runnin 39	g on gepartui	re.																
	7,000	30, 132	35		****		-		***	A-INF	***										
										A-INT1 A-INT2											
										A-IN12 A-EFF											
07/24/07	System rui	nning on a	rival and depa	arture.						A-CFF											
		30,286	94	70	0	6	81.63	3,200	157	A-INF	1.0										
					- 0		17.		250	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/31/07		-	rival and depa																		
	8,120	30,454	168	70	0	6	81.63	3,400	167	A-INF	1.0	<50.0	< 0.500	<0.500	<13,09	<1,313.90	<0.13	<18.66	< 0.13	<4.63	0.000
										A-INT1	0.0	<50.0	<0.500	< 0.500							
										A-INT2	0.0	<50.0	< 0.500	<0.500							
00/00/07	0 1									A-EFF	0-0	b	b	b							
08/09/07			rival and depa			ITM															
	8,337	30,671	217	80	0	6	81.63	3,400	164	A-INF	0.0	1,100	27.5	29.7	<77.03	<1,390.92	<2.02	<20.68	<1.88	<6.50	< 0.007
										A-INT1	0.0	<50.0	< 0.500	<0.500							
										A-INT2	0.0	<50.0	<0.500	<0.500							
08/15/07	System nun	ning on ar	rival and depa	rture						A-EFF	0.0	<50.0	<0.500	<0.500							
00, 10,01		30,792	121	80	0	6	81,63	3,400	164	A-INF	0.0										
	0,100	001.02	121	00	U		01.03	3,400	104	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/23/07	System run	ining on an	rival and depa	rture.						71 271	0.0										
	8,674	31,008	216	85	0	6	81.63	3,000	143	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/28/07			rrival and runr	ning on depar	ture.																
	8,780	31,114	106	85	0	6	81-63	3,000	143	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						deasuren						Laborato	ry Analytica	l Results	TPHg R	Removed	Benzene	Removed	MTBE F	emoved	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
09/07/07	System n.	inning on a	mival and dep	arture.																	
	9,002	31,336	222	100	0	6	81_63	3,600	167	A-INF	0_0										
										A-INT1	0.0										
										A-INT2	0.0										
09/14/07	System nu	inning on a	rrival and dep	arturo						A-EFF	0.0										
03/14/01		31,504	168	100	0	6	81.63	3,000	139	A-INF	0.0	<11d	0.0074	0.0040-	-004.00	.4 050 04		07.44			
					Ü		01.00	3,000	103	A-INT1	0.0	<11d	0.097d 0.26d	0.0046d 0.0099d	<261.88	<1,652.81	7.00	<27,69	6.51	<13.01	0.000
										A-INT2	0.0	<11d	0.25d	0.0099d							
										A-EFF	0,0	<11d	<0.0072d								
09/21/07	,	-	rrival and dep	arture.																	
	9,337	31,671	167	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
09/28/07	System nu	nning on ai	rival and depa	arture						A-EFF	0.0										
		31,839	168	100	0	6	81.63	3,000	139	A-INF	0.0										
					· ·		01.00	0,000	100	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/02/07	,			down on dep																	
	9,602	31,936	97	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
10/05/07	System res	started on a	arrival and run	ning on depar	fure:					A-EFF	0.0										
	9,602		0	100	0	6	81.63	3,000	139	A-INF	00										
								-,		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/12/07	,	-	rival and depa																		
	9,770	32,104	168	100	0	6	81.63	3,200	148	A-INF	0.0	<11	0.69c/0.40	0.013	<3.55	<1,656.35	0,00	<27.69	0.13	<13.14	0.000
										A-INT1	0.0	b	b	b							
										A-INT2 A-EFF	0.0	<11	0.36c/0.14	0.009							
10/16/07	System run	nning on an	ival and depa	arture.						A-EFF	0.0	<11	0.014	0.007							
	,		96	100	0	6	81.63	3,200	148	A-INF	0.0										
								-,		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/22/07	-	-	ival and depa			23															
	10,012	32,346	146	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										

						/leasurem						Laborato	ry Analytica	al Results	TPHg R	temoved	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)		Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	I.U.	Cumulative (pounds)	Emitted (lbs/day)
11/02/07	System rui	nning on a	rival and depa	arture.																	
	10,273		261	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
14/00/07	0 -1									A-EFF	0,0										
1/09/07			rival and depa		2	172															
	10,444	32,776	171	100	0	6	81.63	3,200	148	A-INF	0,0	<11	0.36	<0,0016	<4.11	<1,660.47	<0.00	<27.69	0.20	<13.33	<0.000
										A-INT1	0.0	<11	0.20	0.018							
										A-INT2 A-EFF	0.0	<11	0.42	0.014							
1/16/07	System rur	nning on ar	rival and depa	rture:						A-EFF	0.0	<11	<0.0072	<0.0016							
	10,610		166	100	0	6	81.63	3,200	148	A-INF	0.0										
									HINCH	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
1/21/07			ival and depa																		
	10,728	33,062	118	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
1/26/07	System run	nning on an	ival and depa	rture.						A-EFF	0.0										
	10,848		120	100	0	6	81.63	3,000	139	A-INF	0.0										
								4,000	.100	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
2/07/07		-	ival and depa																		
	11,112	33,446	264	90	0	6	81.63	3,000	142	A-INF	0.0	<11	0.12	0.0021	<3.99	<1,664.45	< 0.00	<27.69	0.09	<13,42	< 0.000
										A-INT1	0.0	<11	0.042	0.0029							
										A-INT2	00	<11	0.12	<0.0016							
2/13/07	System dov	un on amis	ıl and departu	ra .						A-EFF	0.0	<11	<0.0072	<0.0016							
B 10/0/	11,235		123	160	0	6	81,63	2,800	117	A-INF	0.0										
	,			100		· ·	01,00	2,000	555	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
2/14/07	System shu	ıt down.									12.										
	11,261		26	160	0																
2/19/07			I and running																		
	11,262	33,596	1	160	0	6.5	88.44	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
2/21/07	System runi	ning on ami	val and depar	ture:						A-EFF	0.0										
		33,637	41	160	0	6.5	88.44	2,800	117	A-JNF	0.0										
							30117	_,,000	1555	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					Fleid N	<i>l</i> leasuren	nents					Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)		Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
12/27/07	System ru	inning on a	mival and dep	arture.								1									
	11,470	33,804	167	160	0	6.5	88.44	2.800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
04/04/00										A-EFF	0.0										
01/04/08	-		val and depar		•																
01/07/08		33,970	166	160	0																
01/0//08	11,636		vai and iunini 0	ng on departur 160	0	6	81.63	2.000	117	A INTE	0.0										
	11,030	33,910	U	100	U	О	81.63	2,800	117	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INTZ A-EFF	0.0										
01/18/08	System rui	nning on a	mival and dep	arture.						A-CIT	0,0										
	11,904	-	268	160	0	6	81.63	2,800	117	A-INF	0.0	<11d	<0.0072d	<0,0016d	<4.22	<1,668.67	< 0.00	<27.69	< 0.02	<13,44	0,000
										A-INT1	0.0	<11d	0.20d	0.015d		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			: ::::::::::::::::::::::::::::::::::::	10,11	0,000
										A-INT2	0.0	<11d	0.31d	<0.0016d							
										A-EFF	0.0	<1d	0.044d	0,0028d							
01/25/08				ig on departur	θ.																
	12,045	34,379	141	135	0	6	81.63	3,100	135	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
01/27/08	Svetem do	uun on arri	al and nunnin	g on departure						A-EFF	0.0										
01121100	12,052		7	145	0	6	81.63	3,000	129	A-INF	(max)										
	12,002	01,000	,	140			01.00	3,000	125	A-INT1											
										A-INT2	-										
										A-EFF	00000										
01/31/08	System do	wn on arriv	al and runnin	g on departure	Э.																
	12,140	34,474	88	160	0	7	95.24	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/08/08		_	rival and depa		2																
	12,261	34,595	121	165	0	7.5	102.04	2,500	104	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
02/15/08	System nur	nning on ar	rival and depa	arture						A-EFF	0.0										
02 10/00	12,481	-	220	150	0	5	68.03	2,800	119	A-INF	0.0	<11d	0-12d	<0.0016d	<2.81	<1,671.48	<0.00	<27.69	<0.02	<13.46	<0.000
	12,101	01,010		100	11.96		00.00	2,000	113	A-INT1	0.0	<11 d		0.0010d	-2.01	~1,0/1.40	<0.00	~27.09	V0.02	<13.40	<0.000
										A-INT2	0.0	<11 d		<0.0016 d							
										A-EFF	0.0	<11d	<0.0072 d								
02/22/08	System run	nning on ar	rival and depa	arture.																	
	12,651	34,985	170	150	0	5.5	74.83	2,800	119	A-INF	0.8										
										A-INT1	1.4										
										A-INT2	0.8										
										A-EFF	0.0										

						leasurem						Laborato	y Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
02/26/08	System ru	unning on a	rrival and dep	arture.																	
	12,746	35,080	95	155	0	5.5	74.83	2,800	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
03/06/08	Suntam nu	innina on o	rrival and dep	0.00						A-EFF	0.0										
00/00/00		35,322	242	160	0	5.5	74.83	2,600	109	A-INF	3.7										
	,	,	- 1-	,,,,		0.0	74.03	2,000	103	A-INT1	3.7										
										A-INT2	2.2										
										A-EFF	0.7										
03/14/08			mival and dep																		
	13,150	35,484	162	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
03/21/08	System rui	nning on a	mival and depa	arture.						A-EFF	0.0										
	13,327	_	177	162	0	6.0	81.63	3,000	125	A-INF	0.0										
								-,		A-INT1	0.0										
										A-INT2	0.0										
00/00/00										A-EFF	0_0										
03/28/08	13,491	-	rival and depa	arture. 160	0	E E	74.00	0.000	400	A INIE											
	13,431	30,020	104	160	Ů.	5.5	74.83	2,600	109	A-INF A-INT1	0.0	<11d	0.059d	<0.0016d	<4.74	<1,676.22	<0.00	<27.69	0.04	<13.50	<0.000
										A-INT2	0.0	<11d <11d	0.13d	0,0043d <0.0016d							
										A-EFF	0.0	<11d		<0.0016d							
04/05/08	System rur	nning on ar	rival and depa	arture.										0.00.00							
	13,656	35,990	165	155	0	5.5	74.83	2,600	110	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
04/11/08	System run	nning on ar	rival and dow	n on departure	9.					A-EFF	0.0										
	13,825		169	155	0	5.5	74.83	2,600	110	A-INF	0.0	<11	0.037	0.0030	<1.50	<1,677,72	<0.00	<27.69	0.01	<13.50	<0.000
								_,,,,,		A-INT1	0.0	<11	0.11	0.0056	1100	1,017-12	-0.00	~27.09	0.01	<13.50	~U.UUU
										A-INT2	0.0	<11	0-14	< 0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							
04/15/08				on departure		272															
	13,918	36,252	93	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INIZ A-EFF	0.0										
04/22/08	System run	nning on an	rival and depa	rture.						7. 2.1	0.0										
	14,085	36,419	167	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					Fleid N	vleasuren	nents					Laborato	ry Analytic	al Results	TPHg R	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours		Temp EFF (deg F)						Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)		Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
05/02/08	System ru	unning on a	arrival and dep	parture,																	
	14,326	36,660	241	160	0	5.0	68,03	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
05/06/08	System ru	inning on a	arrival and dep	parture.						A-LFF	0,0										
	-	36,747	87	160	0	5.0	68.03	2,600	109	A-INF	0.0	<11	0.21	< 0.0016	< 2.65	<1,680.37	<0.00	<27.69	0,03	<13.53	<0.000
										A-INT1	0.0	<11	0.066	0.0035							
										A-INT2	0.0	<11	0.093	<0,0016							
										A-EFF	0.0	<11	< 0.0072	<0.0016							
05/16/08			mival and dep			5.0	68.03	2 222	4477	A INIT	0.0										
	14,650	36,984	237	160	0	5.0	66,03	2,800	117	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/23/08	System ru	inning on a	irrival and dep	arture.																	
	14,819	37,153	169	160	0	5.0	68,03	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
05/28/08	System nu	nning on a	rrival and dep	arture:						A-EFF	0.0										
00/20/00	14,940	_	121	160	0	5.0	68.03	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
	_									A-EFF	0.0										
06/03/08	-	_	mival and dep		0	F.0	C0 00	0.000	440	A INIT	0.0										
	15,083	37,417	143	150	0	5.0	68.03	2,800	119	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/13/08	System ru	nning on a	rrival and dep	arture																	
	15,323	37,657	240	160	0	5.0	68.03	2,800	117	A-INF	0.0	<11	0.080	< 0.0016	<4.23	<1,684.60	< 0.00	<27.70	0.06	<13.59	<0.000
										A-INT1	0.0	<11	0.27	0.0094							
										A-INT2 A-EFF	0.0	<11 <11	0.25	<0.0016 <0.0016							
06/17/08	System nu	nninn on a	mival and dep	arture						A-EFF	0.0	<11	<0.0072	<0.0016							
00/11/00	15,418	-	95	100	0	5.0	68.03	2,800	130	A-INF	0.0										
	·	,								A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/23/08			rrival and dep		(1991)	open.	74.00	0.000	400	A 15:55	0.0										
	15,565	37,899	147	100	0	5.5	74.83	2,800	130	A-INF A-INT1	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
										A-EFF	U.U										

					Fleld N	/leasuren	nents					Laborator	y Analytica	al Results	TPHg R	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
07/03/08	System ru	inning on a	mival and dep	arture,																	
	15,802	38,136	237	100	0	5.5	74.83	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
07/08/08	Cuntom n	oning on a	المال المام المانات							A-EFF	0.0										
07706706	15,920		nrival and dep 118	120	0	5,5	74.83	2,800	125	A INTE	0.0	.44	0.047								
	10,020	00,204	110	120	0	5,5	14.03	2,000	123	A-INF A-INT1	0.0	<11 <11	0.047 0.17	0.0023 0.0061	<2.98	<1,687.58	<0.00	<27.70	0.02	<13.61	<0.000
										A-INT2	0.0	<11	0.17	<0.0016							
										A-EFF	0.0	<11	0.014	< 0.0016							
07/14/08	System Lo	ock out/tag	out for LPC c	arbon change	eout.								0.01	0.0010							
07/15/08	System ru	nning on a	rrival and dep	arture.																	
	16,061	38,395	141	120	0	5.5	74.83	2,800	125	A-INF	0.0	<11	0.16	0.018	< 0.73	<1,688,31	0.00	<27.70	0,01	<13.61	<0.000
										A-INT1	0.0	<11	0.024	<0,0016							
										A-INT2	0.0	<11	0.077	< 0.0016							
07/21/08	System nu	noina on a	mival and depa	arturo						A-ÈFF	0.0	<11	<0.0072	<0.0016							
01/21/00	16,205	-	144	120	0	5.5	74.83	2,800	125	A-INF	0.0										
	,	,		120			12.55000	2,000	120	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/29/08		-	rrival and depa																		
	16,395	38,729	190	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
08/08/08	System rur	nning on a	mival and depa	arture.						A-EFF	0.0										
	16,632	-	237	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/15/08	-	-	rival and depa		25	G			090												
	16,806	39,140	174	175	0	7.0	95.24	2,000	82	A-INF	0-0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
08/22/08	System rur	nning on ar	rival and depa	arture.						ALLE	0.0										
	16,971	-	165	200	0	7.0	95.24	2,600	102	A-INF	0.0	<11d	0.062d	0.0067d	<4.26	<1,692.57	0.00	<27.70	0.04	<13.66	0.000
										A-INT1	0.0	<11 d	0.099 d	0.018 d		1,002.01		2	0.01	10.00	0.000
										A-INT2	0.0	<11 d	0-0075 d	0.0098 d							
										A-EFF	00	<11d	0.023d	0-0039d							
08/29/08	-	-	rival and depa		. 0	7.0	0.5.6.		446		_										
	17,137	39,471	166	100	0	7-0	95.24	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
										- I hal I	0.0										

						Measuren						Laborato	ry Analytica	I Results	TPHg R	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)		Cumulative (pounds)	Emitted (ibs/day)
09/05/08	System ru	unning on a	rrival and dep	parture.																	
		39,641	170	100	0	7.0	95.24	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
00/40/00	0 -1									A-EFF	0.0										
09/12/08		inning on a 39,806	mival and dep 165	100		6.0	04.60	0.000													
	17,472	39,000	100	100	0	6.0	81.63	2,600	121	A-INF	0.0	<11	0.029	<0.0030	<2.30	<1,694.87	<0.00	<27.70	0.01	<13_67	<0.000
										A-INT1 A-INT2	0.0	<11 <11	0.011 0.13	0.0029 <0.0016							
										A-EFF	0.0	<11		<0.0016							
09/19/08	System do	own on ami	val and runnir	ng on departur	re.					7, 2, 1	0.0	-11	0,0010	40.0010							
	17,631	39,965	159	100	0	6.0	81,63	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
00/00/00										A-EFF	0.0										
09/26/08	-	-	rrival and dep				00.00														
	17,796	40,130	165	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INTZ	0.0										
10/03/08	System rui	nning on a	Tival and depart	arture.						71 = 11	0.0										
	17,964	40,298	168	120	0	5.0	68.03	2,900	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
40/40/00	Custom nu	:								A-EFF	0.0										
10/10/08	18,132	-	rival and depa 168	anure. 120	0	5.0	60.00	2.000	400								12/225	0.020			
	10,132	40,400	100	120	U	5.0	68.03	2,900	130	A-INF	0.0	<11	0.29c	<0.0023	<3.40	<1,698.27	<0.00	<27.70	0.05	<13.72	<0.000
										A-INT1 A-INT2	0.0	<11 <11	0.19 0.24	0.0044 <0.0016							
										A-EFF	0.0	<11	< 0.0072								
10/17/08	System rur	nning on ar	rival and depa	arture.							0.10		1010072	-0.0010							
	18,303	40,637	171	120	0	5.0	68.03	2,900	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
10/21/20	0 1									A-EFF	0.0										
10/31/08		-	rival and depa		•		04.00														
	18,640	40,974	337	150	0	6.0	81.63	2,700	115	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INTZ A-EFF	0.0										
11/07/08	System run	nning on ar	rival and depa	arture.							0.0										
	18,804	41,138	164	130	0	6.0	81.63	2,700	119	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						/leasurem						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBEF	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)		Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
11/15/08	System ru	inning on a	irrival and dep	arture.																	
	18,973	41,307	169	105	0	6.0	81.63	2,800	129	A-INF	1.2										
										A-INT1	0.0										
										A-INT2	0.0										
11/17/08	Suntam nu	nnina on a	minal and don	mali i ma						A-EFF	0.0										
11/1//00	18,992		rrival and dep 19	105	0	6.0	81.63	2,700	124	A-INF	0.0	-11	0.40	0.0040	.4.40						
		,020	,,,	100		0.0	01.05	2,700	1.24	A-INT1	0.0	<11 <11	0.19 0.20	0.0046	<4.49	<1.702.76	<0.00	<27.70	0.10	<13.81	<0.000
										A-INT2	0.0	<11	0.092	< 0.0023							
										A-EFF	0.0	13	0.022	< 0.0016							
11/25/08	-	-	rrival and depa																		
	19,156	41,490	164	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
12/05/08	System rur	nning on a	mival and depa	arture.						A-EFF	0.0										
	19,395		239	100	0	5.0	68.03c	2,800	130	A-INF	0.0										
								-231 Per 500		A-INT1	0.0										
										A-INT2	0.0										
10/10/00	0 -1									A-EFF	0.0										
2/12/08	19,397	_	rrival and depa 2	arture. 100	0	5.0	00.00-	0.700	105												
	15,557	41,731	2	100	U	5.0	68.03c	2,700	125	A-INF	0.0	<5.7	0.14	0.0046	<1.58	<1,704.34	0.00	<27,71	0.03	<13,84	<0.000
										A-INT1 A-INT2	0.0	<5.7 <5.7	0.15 0.098	0.0018 <0.0016							
										A-EFF	0.0	<5.7	0.038	<0.0016							
12/16/08	System run	nning on ar	rival and depa	arture.									0,020	9,0010							
	19,492	41,826	95	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
12/24/08	System run	ning on ar	rival and depa	arture						A-EFF	00										
	19,689	-	197	110	***	5.0	68.03	2.800	128	A-INF	4.0										
						1.0*		2,000	120	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/02/09			rival and depa			02:0															
	19,899	42,233	210	110	177	5.0	68.03	2,900	132	A-INF	3.5										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
1/09/09	System run	ning on an	rival and depa	rture.						A-LFF	0.0										
	20,067	42,401	168	110	277	5.0	68.03	2,900	132	A-INF	0.0	<5.7	0.13	<0.0016	<1.84	<1,706.17	<0.00	<27,71	0.04	<13.89	<0.000
										A-INT1	0.0	<5.7	0.18	0.0021	55.			-11.	9,04	10.00	-5.000
										A-INT2	0-0	<5.7	0.079	< 0.0016							
										A-EFF	00	<5.7	0.088	< 0.0016							

						/leasuren						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzer
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitte (lbs/da
01/16/09	System ru	unning on a	mival and dep	arture.																	
	20,234		167	110	***	5.0	68,03	2,900	132	A-INF	0_0										
										A-INT1	0.0										
										A-INT2	0.0										
1/20/09	System nu	innina on a	mival and dep	n=1an						A-EFF	0.0										
71720703	*	42,665	97	arture. 110		5.0	68.03	2,900	420	A 15/5	0.0										
	_0,001	12,000	07	110		5.0	00,03	2,900	132	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/30/09	System rui	nning on a	rrival and dep	arture.							0.0										
	20,572	42,906	241	110	***	5.0	68.03	2,900	132	A-INF	0.0										
										A-INT1	00										
										A-INT2	0.0										
2/06/09	System nu	nnina on a	rival and depa	arturo						A-EFF	0.0										
200,00	20,738		166	110	***	5.0	68.03	2,400	109	A-INF	0.0										
				7.10		0.0	00.00	2,400	109	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
2/13/09	,		rival and depa																		
	20,904	43,238	166	110	778	5.0	68.03	2,800	128	A-INF	0.0	<5.7	0.15	0.0050	<2.32	<1,708.49	< 0.00	<27.71	0.06	<13,95	<0.000
										A-INT1	0.0	<5.7	0,13	0,0024							
										A-INT2 A-EFF	0.0	<5.7	0.061	<0.0016							
2/20/09	System run	nning on ar	rival and depa	irture.						A-EFF	0.0	<5.7	0.20	<0.0016							
	21,072	43,406	168	110	***	5.0	68.03	2,800	128	A-INF	0.0										
								-		A-JNT1	0.0										
										A-INT2	0.0										
0.07.00	0 1									A-EFF	00										
2/27/09	21,240		ival and depa 168			5.0															
	21,240	43,374	108	110	, and	5.0	68.03	3,100	141	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
3/06/09	System run	ning on an	ival and depa	rture.						A-CFF	0.0										
	21,406	43,740	166	110		5.0	68.03	3,100	141	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
2/42/00	Contam non	-1		4						A-EFF	0.0										
3/13/09	21,574		ival and depa	rture. 110		6.0	00.00	3.400	200												
	21,014	70,300	100	110		5.0	68.03	3,100	141	A-INF	0.0	<5.7	0.078	0.0023	<1.92	<1.710.41	0.00	<27.71	0.04	<13.98	<0.000
										A-INT1 A-INT2	0.0	<5.7	0.27	0.0019							
										A-IN12 A-EFF	0.0	<5.7 <5.7	0.069	<0.0016							
										A-FILE	0.0	~U.1	0.11	<0.0016							

						Measuren						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
03/20/09	System ru	inning on a	rrival and dep	arture.																	
	21,740	44,074	166	120	(m)	5.0	68.03	3,000	134	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/23/09			rrival and dep																		
	21,830	44,164	90	125	-	5.0	68,03	3,000	133	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
03/31/09	System ru	nning on a	mival and dep	arture.						A-EFF	0.0										
	22,003		173	100	***	5.0	68.03	2,600	121	A-INF	0.0										
								,,_		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/07/09			rrival and dep																		
	22,175	44,509	172	100	***	5.0	68.03	2,600	121	A-INF	0.0	< 5.7	0.26	< 0.0016	<1.68	<1,712.09	< 0.00	<27.71	0.05	<14.03	<0.000
										A-INT1	0.0	<5.7	0.21	0.0018							
										A-INT2	0.0	<5.7	0.051	<0.0016							
04/17/09	System nu	nning on a	rival and depa	arture						A-EFF	00	<5.7	0.13	<0.0016							
0 11 11 100	22,417		242	100	***	5.0	68.03	2,600	121	A-INF	0.0										
						0.0	00.00	2,000	121	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/24/09	System run	nning on a	rival and depa	arture.																	
	22,578	44,912	161	110	221	5.0	68.03	2,600	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
05/01/09	Contam num	:								A-EFF	00										
03/01/09	22,747		rival and depa 169	100	-	E 0	CD 00	0.000	404												
	22,141	40,001	109	100	***	5.0	68.03	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
05/08/09	System run	nning on ar	rival and depa	irture.						A-LIFE	0.0										
	22,912	45,246	165	100		5.0	68.03	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
05115100										A-EFF	0.0										
05/15/09			ival and depa																		
	23,110	45,444	198	100	-	5.0	68.03	2,000	93	A-INF	0.0	<5.7	0.34	<0.0016	<2.13	<1,714.21	<0.00	<27,71	0.11	<14.15	<0.000
										A-INT1	0.0	<5.7	0.44	0.0042							
										A-INT2	0.0	<5.7	0.12	<0.0016							
										A-EFF	0.0	<5.7	0.40	<0.0016					至		

						/leasurem						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)		Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
05/22/09	System de	own on am	val and runnir	ng on departui	re.																
	23,236	45,570	126	110	***	5.0	68.03	2,800	128	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0,0										
05/00/00	C. atam -									A-EFF	0.0										
05/29/09		anning on a 45,739	mival and dep 169			Ē O	00.00	0.000	440												
	20,400	40,735	109	120	1500	5.0	68.03	2,600	116	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-IN12 A-EFF	0.0										
06/05/09	System do	own on ami	val and runnin	ng on departur	e.					N E/	0.0										
		45,853	114	120	***	5.0	68.03	2,600	116	A-INF	00										
										A-INT1	0.0										
										A-INT2	0,0										
										A-EFF	0.0										
06/11/09		_	rrival and dep																		
	23,658	45,992	139	110	***	5.0	68.03	2,600	118	A-INF	0.0	<5.7	0.87	0.0022	<1.23	<1,715.45	< 0.00	<27.71	0.13	<14.28	<0.000
										A-INT1	0.0	<5.7	0.38	0.0025							
										A-INT2	0.0	< 5.7	0.15	<0.0016							
06/12/09	System do	wn on ami	al and runnin	g on departure	е					A-EFF	0.0	<5.7	0.72	<0.0016							
	23,670		12	110	***	0.0	0	2,600	118	A-INF	644										
								_,		A-INT1	V=1										
										A-INT2	Libraria										
										A-EFF											
06/19/09			rival and depa																		
	23,855	46,189	185	120	144	4.5	61.22	2,600	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
06/26/09	System nur	nning on ar	rival and depa	arture						A-EFF	0.0										
00/20/00	24,001		146	100	***	5.0	68.03	2,400	111	A-INF	0.0										
				,			00100	2,400	10.01	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/29/09			rival and depa	irture.																	
	24,076	46,410	75	100	1000	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
07/10/09	Suntom nun	onina on ar	rivel and done	eturo -						A-EFF	0.0										
01110109	24,339		rival and depa 263	100		5.0	68.03	2,400	111	A INIT	0.0										
	27,000	.0,0,0	200	100	0000	5.0	00:00	4,400	3000	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
											0.0										

						/leasurem						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
07/17/09	System ru	inning on a	rrival and dep	parture.																	
		46,843	170	100		5.0	68.03	2,400	111	A-INF	0.0	<5.7	0,034	0.0020	<2.08	<1,717.53	0.00	<27.71	0.17	<14,44	<0.000
								15	00,000	A-INT1	0.0	<5.7	0.27	0.0020	12.00	1,7 17.00	0.00	-21.11	0.17	\14.44	~U,UUU
										A-INT2	0.0	<5.7	0.24	<0.0016							
										A-EFF	0.0	<5.7	0.33	< 0.0016							
07/24/09			rrival and dep	arture.																	
	24,675	47,009	166	100		5,0	68,03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
07/04/00	0 1	,								A-EFF	0.0										
07/31/09			rrival and dep																		
	24,842	47,176	167	120	-	5.0	68,03	2,400	107	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
08/04/09	System nu	nning on a	rrival and dep	arture						A-EFF	0.0										
00/0-//03	24,943	_	101	100	***	5.0	68.03	2.400	222	A INTE	0.0	45.74	0.000-1	0.00001	.4.00	212.52					
	24,040	7/12//	101	100	-	5.0	00.03	2,400	111	A-INF A-INT1	0.0	<5.7d <5.7d	0.069d	0.0088d	<1.03	<1,718,56	0.00	<27.71	0.01	<14,45	0.000
										A-INT2	0.0	<5.7d	0.33d 0.31d	0.0083d 0.0046d							
										A-EFF	0.0	<5.7d	0.51d	0.0046d							
08/14/09	System rui	nning on ar	Tival and dep	arture.						A-LIT	0.0	10,10	0,030	0.00330							
	25,179	47,513	236	100	***	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/21/09		-	rival and depart	arture.																	
	25,347	47,681	168	100	***	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0,0										
										A-INT2	0.0										
										A-EFF	0.0										
08/28/09			rival and depa			The sec															
	25,519	47,853	172	110		5.0	68.03	2,400	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
09/04/09	System nur	nning on ar	rival and depa	artura						A-EFF	0.0										
03/04/03	25,681		162	110	***	5.0	68.03	2,500	114	A-INF	0.0										
	20,001	40,010	102	110		0.0	00.03	2,500	114	A-INT1	0.0										
										A-INT1 A-INT2	0.0										
										A-INTZ A-EFF	0.0										
09/11/09	System run	ning on an	rival and depa	arture.						A-LII	0.0										
	25,849		168	110	***	5.0	68.03	2,400	109	A-INF	0.0										
						-				A-łNT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						leasurem						Laborato	ry Analytica	al Results	TPHg R	Removed	Benzene	Removed	MTBE R	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
09/14/09	System ru	inning on a	rrival and dep	parture.																	
	25,924	48,258	75	95	_	5.0	68.03	2,600	122	A-INF	0.0	<5.7	0.11	< 0.0016	<2.44	<1,721.00	< 0.00	<27.71	0.04	<14.49	<0.000
										A-INT1	0.0	<5.7	0.20	0.0024			1000000		30,00 1	11,0	-0.000
										A-INT2	00	<5.7	0.35	< 0.0016							
09/25/09	System nu	nning on o	rrival and dep	orturo I						A-EFF	0,0	<5.7	0.33	< 0.0016							
03/20/03	26,185		261	100		5.0	68.03	2,400	444	A 15.15											
	20,100	40,013	201	100		5.0	00.03	2,400	111	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/02/09	System ru	nning on a	mival and dep	arture.						712.1	0.0										
	26,352	48,686	167	155		5.5	74.83	2,500	106	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
10/10/09	Contain									A-EFF	0.0										
10/10/09	26,545	-	Tival and depa			<i>5</i> 0	00.00														
	20,040	40,079	190	95		5.0	68.03	2,600	122	A-INF	****										
										A-INT1 A-INT2											
										A-EFF											
10/15/09	System rur	nning on ar	rival and dow	n on departure	e for carbon	changeout	t,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
	26,665	48,999	120	105	_	5.0	68.03	2,600	120	A-INF	1.0	<5.7	< 0.0072	0.0046	<1.90	<1,722.90	< 0.00	<27,72	<0.02	<14.51	<0.000
										A-INT1	0.0	<5.7	0.42	0.0050					19.25		0,000
										A-INT2	0.0	<5.7	0.54	< 0.0016							
10/19/09	Suctom do		nl for and-an	ah 4	4					A-EFF	0.0	<5.7	0.24	<0.0016							
10/19/09	26,666		ar for carbon	changeout and	a running on			0.750	400												
	20,000	49,000	'	90	_	5.0	68.03	2,750	129	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
0/30/09	System run	nning on ar	rival and depa	arture.							0,0										
	26,928	49,262	262	155	-	5.4	73.47	2,300	97	A-INF	10										
										A-INT1	0.0										
										A-INT2	0.0										
4/00/00	0 -1		6 -4 d 4							A-EFF	0.0										
11/06/09	27,098		ival and depa 170	145			74.00														
	27,090	49,432	170	140	-	5.5	74.83	2,600	112	A-INF	0_0	<5.7	<0.0072		<1.07	<1,723.97	< 0.00	<27.72	< 0.00	<14,51	<0,000
										A-INT1 A-INT2	0.0	<5.7	0.39	0.0065							
										A-INTZ A-EFF	0.0	<5.7 <5.7	0.59 0.27	0.0036 <0.0016							
11/13/09	System run	ning on an	ival and depa	irture.						/	0=0	10,1	0.27	~0.0010							
	27,264	49,598	166	145	_	5.5	74.83	2,400	103	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						/leasurem						Laborato	ry Analytic	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
11/20/09	System ru	inning on a	mival and dep	arture.																	
	27,436	49,770	172	100	000	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
11/25/09	Combana -		-6 -1 1 1							A-EFF	0.0										
11/23/09	,	49,886	rrival and dep 116	100		E 0	CO 00	0.400	622												
	27,002	45,000	110	100	***	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INTZ A-EFF	0.0										
12/04/09	System do	own on ami	val and runnir	ng on departur	e.					71 211	0.0										
	27,726	50,060	174	100	***	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
10/11/00	0									A-EFF	0.0										
12/11/09	27,816			g on departur		5.0	22.00														
	27,010	30, 130	90	100	1004	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INIZ A-EFF	0.0										
12/18/09	System rur	nning on ar	rival and dep	arture.						A CH	0.0										
	27,975	50,309	159	110	***	5.0	68.03	2,500	114	A-INF	_	<5.7	< 0.0072	0.0023	<2.11	<1,726.08	< 0.00	<27.72	<0.00	<14.51	<0.000
										A-INT1	_	<5.7	0.069	< 0.0016			0.001000		5.00	1,1191	-0,000
										A-INT2	_	<5.7	0.24	< 0.0016							
12/23/09	01			,						A-EFF		<5.7	0.30	< 0.0016							
12/23/09	28,096		rrival and depa			(9-34)	00.00	0.500													
	20,090	30,430	121	110	-	5.0	68.03	2,500	114	A-INF	0.0	<5.7	<0.0072	0.0022	<0.29	<1,726.37	0.00	<27.72	<0.00	<14.51	<0.000
										A-INT1 A-INT2	0.0	<5.7	0.026	<0.0016							
										A-INTZ A-EFF	0.0	<5.7 <5.7	0.098	<0.0016 <0.0016							
12/31/09	System run	nning on an	rival and depa	arture.						7	0.0	\J_1	0.007	<0.0016							
	28,291	50,625	195	105	***	5.0	68.03	2,600	120	A-INF	0,0										
										A-INT1	0.0										
										A-INT2	0.0										
	_									A-EFF	0.0										
01/08/10			rival and depa				(20) (20)														
	28,480	50,814	189	90	110	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
01/15/10	System run	ining on an	rival and depa	rture.						A-EFF	0_0										
		50,982	168	90		5.0	68.03	2,600	123	A-INF	0.0	<5.7d	0.34d	<0.0016d	<1.39	<1,727.76	<0.00	<27.72	<0.04	<14.56	<0.000
								-		A-INT1	0.0	<5.7d		<0.0016d	- 1100	-1.721.10	~0.00	~21.12	~0.04	~14.00	<0.000
										A-INT2	0.0	<5.7d	0.22d	<0.0016d							
										A-EFF	0.0	<5.7d		<0.0016d							

Meter Hours Operation (deg F) ("H20) ("Hg) (in H2O) (fpm) (scfm)		Laborato	ry Analytical I	Results	TPHg R	emoved	Benzene	Removed	MTBE F	Removed	Benzene
28,818 51,152 170 90 — 5.0 68.03 2,400 113 / A A A A A A A A A A A A A A A A A A	Sample ID PID (ppmv)	TPHg (mg/M³)			Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
01/29/10											
01/29/10 System running on arrival and departure. 28,993 51,327 175 90 — 5,0 68.03 2,400 113 / A A A A A A A A A A A A A A A A A A	A-INF 0.0	<5.7	0.21	<0.0016	< 0.43	<1,728,19	<0.00	<27.72	0.02	<14.58	<0.000
01/29/10 System running on arrival and departure. 28,993 51,327 175 90 5,0 68.03 2,400 113 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74	A-INT1 0.0	<5.7		<0.0016					381875	1000000	
O2/05/10 System running on arrival and departure. 28,993 51,327 175 90 90 5,0 68.03 2,400 113 7 7 7 7 7 7 7 7 7	A-INT2 0.0			<0.0016							
28,993 51,327 175 90 — 5,0 68.03 2,400 113 / A A A A A A A A A A A A A A A A A A	A-EFF 0.0	<5.7	0,20	<0.0016							
02/05/10 System running on arrival and departure. 29,153 51,487 160 90 — 5,0 68.03 2,600 123 A A O2/12/10 System running on arrival and departure. 29,322 51,656 169 90 — 5.0 68.03 2,600 123 A A O2/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68.03 2,500 118 A A O2/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68.03 2,500 116 A A O3/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5,0 68.03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A	A-INF 0.0										
02/12/10	A-INT1 0.0										
O2/10/10 System running on arrival and departure. 29,153 51,487 160 90 5.0 68.03 2,600 123 74 74 75 75 75 75 75 75	A-INT2 0.0										
29,153 51,487 160 90 — 5,0 68.03 2,600 123 A A A A A A A A A A A A A A A A A A A	A-EFF 0.0										
02/12/10 System running on arrival and departure. 29,322 51,856 169 90 — 5.0 68.03 2,600 123 A A 02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68.03 2,500 118 A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68.03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68.03 2,500 116 A A 03/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A A A A A A A A											
02/12/10 System running on arrival and departure. 29,322 51,656 169 90 — 5.0 68.03 2,600 123 A 02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68.03 2,500 118 A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68.03 2,500 116 A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68.03 2,500 116 A 03/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A A A A A A A A	A-INF 0.0										
02/12/10 System running on arrival and departure. 29,322 51,656 169 90 — 5.0 68.03 2,600 123 A A 02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68.03 2,500 118 A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68.03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68.03 2,500 116 A A O3/09/10 System running on arrival and departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A A A A A A	A-INT1 0.0 A-INT2 0.0										
02/12/10 System running on arrival and departure. 29,322 51,656 169 90 — 5.0 68.03 2,600 123 A A 02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68.03 2,500 118 A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68.03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68.03 2,500 116 A A 03/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A A A A A A A A	A-EFF 0.0										
02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68,03 2,500 118 A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68,03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68,03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68,03 — A A A A A A A A A A A A A											
02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68,03 2,500 118 A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68,03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68,03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68,03 — A A A A A A A A A A A A A	A-INF 0.0	<5.7	0.18 <	<0.0016	<1,27	<1,729.46	< 0.00	<27.72	0.04	<14.62	<0.000
02/19/10 System running on arrival and departure. 29,487 51,821 165 90 5.0 68,03 2,500 118 A A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 5.0 68,03 2,500 116 A A A A A A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 5.0 68,03 2,500 116 A A A A A 03/09/10 System down on arrival and running on departure. 29,813 52,147 6 5.0 68,03 A A A A A A A A A	A-INT1 0.0			<0.0016							
02/19/10 System running on arrival and departure. 29,487 51,821 165 90 — 5.0 68,03 2,500 118 A A 02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68,03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68,03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A	A-INT2 0.0			<0.0016							
29,487 51,821 165 90 - 5.0 68.03 2,500 118 A A A O2/26/10 System running on arrival and departure. 29,655 51,989 168 100 - 5.0 68.03 2,500 116 A A O3/06/10 System running on arrival and departure. 29,807 52,141 152 100 - 5.0 68.03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 - 5.0 68.03 - A A A A A A	A-EFF 0.0	<5.7	0.20 <	<0.0016							
02/26/10 System running on arrival and departure. 29,655 51,989 168 100 — 5.0 68.03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68.03 2,500 116 A A 03/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A A A A A A A A A	A-INF 0.0										
02/26/10 System running on arrival and departure. 29,655 \$51,989 \$168 \$100 \$- \$5.0 \$68.03 \$2,500 \$116 \$A\$ A A A A A A A A A A A A A A A A A	A-INT1 0.0										
02/26/10 System running on arrival and departure. 29,655 51,989 168 100 - 5.0 68.03 2,500 116 A A 03/06/10 System running on arrival and departure. 29,807 52,141 152 100 - 5.0 68.03 2,500 116 A A 03/09/10 System down on arrival and running on departure. 29,813 52,147 6 - 5.0 68.03 - A A A A A A A A	A-INT2 0.0										
29,655 51,989 168 100 — 5.0 68,03 2,500 116 A A O3/06/10 System running on arrival and departure. 29,807 52,141 152 100 — 5.0 68,03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 — 5.0 68.03 — A A A A A	A-EFF 0.0										
03/06/10 System running on arrival and departure. 29,807 52,141 152 100 - 5,0 68,03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 - 5.0 68.03 - A A A A A A	A-INF 0.0						92				
03/06/10 System running on arrival and departure. 29,807 52,141 152 100 - 5,0 68,03 2,500 116 A. A. O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 - 5.0 68.03 - A.	A-INT1 0.0										
03/06/10 System running on arrival and departure. 29,807 52,141 152 100 5.0 68,03 2,500 116 A A O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 5.0 68,03 A A A A	A-INT2 0.0										
29,807 52,141 152 100 5.0 68,03 2,500 116 A A- A- O3/09/10 System down on arrival and running on departure. 29,813 52,147 6 5.0 68.03 A A- A- A- A- A- A- A- A-	A-EFF 0.0										
03/09/10 System down on arrival and running on departure. 29,813 52,147 6 5.0 68.03 A											
A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-	A-INF 0.0										
03/09/10 System down on arrival and running on departure. 29.813 52,147 6 — 5.0 68.03 — A A-A-	A-INT1 0.0 A-INT2 0.0										
03/09/10 System down on arrival and running on departure. 29,813 52,147 6 5.0 68.03 A A- A-	A-INT2 0.0 A-EFF 0.0										
A- A-	7.21										
A	A-INF										
	A-INT1										
	A-INT2										
03/10/10 System running on arrival and departure.	A-EFF										
Tellines I made office.	A-INF										
	A-INT1										
	A-INT2										
A	A-EFF										

						/leasurem						Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
03/19/10	System ru	inning on a	rrival and dep	parture														_			-
	30,052	52,386	208	_	1,000	5.0	68.03	2,500		A-INF	0.0	<5.7	0_017	0.0034	<1.86	<1,731.32	<0.00	<27.72	0.03	<14.65	< 0.000
										A-INT1	0.0	<5.7	0.29	0.0051	6.50	.,			3/19/3		
										A-INT2	0.0	<5.7	0.26	<0.0016							
										A-EFF	0.0	<5.7	0.15	<0,0016							
03/26/10	,	-	rrival and dep																		
	30,221	52,555	169	100		5.0	68.03	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
04/02/10	System ru	nning on a	rrival and dep	arture.						A-LIF	0,0										
	30,387		166	80	-	5.0	68.03	2,500	120	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/07/10				n on departui																	
¥1.	30,506	52,840	119	80	***	5.0	68.03	2,500	120	A-INF	***										
										A-INT1	***										
										A-INT2	366										
04/16/10	System do	wn on arriv	al and runnin	g on departur	·e.					A-EFF	122										
	30,506		0	80	***	5.0	68.03	2,600	125	A-INF	0:0										
						1300,000	00100	2,000	120	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/23/10		-	rival and depa	arture.																	
	30,672	53,006	166	80		5.0	68.03	2,400	115	A-INF	0.0	<5.7	0.16	0.0059	<1.53	<1,732.85	0.00	<27.72	0.02	<14.68	< 0.000
										A-INT1	0.0	<5.7	< 0.0072	< 0.0016							
										A-INT2	0.0	<5.7		<0.0016							
04/30/10	Sustam da	wa on ordi	al and depart							A-EFF	0.0	<5.7	<0.0072	<0.0016							
J4/30/10	30,814		142	ure.	932	222	52527			A INTE											
	00,014	00,140	142	_			-			A-INF A-INT1	-										
										A-INT2	7										
										A-EFF											
05/05/10	System do	wn on arriv	al and running	g on departur	e,					71 - 11											
	30,814	53,148	0	_	***	-	500	-	***	A-INF	2000										
										A-INT1	-										
										A-INT2	***										
										A-EFF	***										
05/07/10	-	-	rival and depa																		
	30,859	53,193	45	80	577	5.0	68-03	2,400	115	A-INF	0.0										
										A-INT1	0-0										
										A-INT2	0.0										
										A-EFF	0.0										

Date	Hour Meter	Total	Hours of	Tomo FEE	D																
		Hours	Operation	(deg F)	("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
05/14/10 S	System rur	nning on a	rrival and dep	arture.																	
	31,027	53,361	168	90	and the	5.0	68.03	2,400	113	A-INF	0,0	<5.7	0.12	< 0.0016	< 0.87	<1,733,71	<0.00	<27.72	0.02	<14.70	<0.000
										A-INT1	0.0	<5.7		<0.0016	DOMESTICAL				30.54.44	20110000	3,000
										A-INT2	0.0	<5.7	< 0.0072	<0.0016							
05/21/10 S	Suetom nu	nina on o	miral and don	a =1a						A-EFF	0.0	<5.7	< 0.0072	<0.0016							
	31,196		rrival and depa	90		5.0	68.03	2,400	440	A INTE	0.0										
,	01,750	00,000	103	30		5.0	08,03	2,400	113	A-INF A-INT1	0,0										
										A-INT2	0.0										
										A-EFF	0.0										
05/28/10 S	System run	nning on ar	τival and depa	arture.							0.0										
3	31,361	53,695	165	80		5.0	68.03	2,000	96	A-INF	0.0										
										A-INT1	0_0										
										A-INT2	0.0										
00/04/40										A-EFF	0.0										
		-	rival and depa																		
	31,531	53,865	170	90	***	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-INTZ A-EFF	0.0										
06/09/10 Sy	System run	ning on an	rival and depa	ırture.						7, 211	0.0										
3	31,648	53,982	117	90	***	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
06/40/40 6.	V. calcan a.m.	_:		4						A-EFF	0.0										
06/18/10 Sy	system run 31,866	_				5.0	CO 00	. =													
3	31,000	54,200	218	90	***	5.0	68.03	2,500	118	A-INF	0.0	<5.7	0.026	<0.0016	<2.07	<1,735.78	<0.00	<27.72	0.03	<14.72	<0.000
										A-INT1 A-INT2	0.0	<5.7 <5.7	<0.0072								
										A-EFF	0.0	<5.7	0.0085 <0.0072	<0.0016							
06/23/10 Sy	ystem runi	ning on arr	rival and depa	rture.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0	1011	10.0072	40.0010							
3	31,985	54,319	119	90	***	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
20/00/40 0										A-EFF	0.0										
06/30/10 Sy																					
3	32,153	54,467	168	90		5.0	68.03	2,400	113	A-INF	0,0										
										A-INT1 A-INT2	0.0										
										A-IN12 A-EFF	0.0										
07/07/10 Sy	ystem runr	ning on am	ival and depa	rture.						A EI I	0.0										
		54,655	168	90	****	5.0	68.03	2,400	113	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	00										
										V-DSCHG	0-0										

						<i>l</i> easuren						Laborato	ry Analytica	al Results	TPHg R	Removed	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)		Vacuum (in H2O)			Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)		Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
07/14/10	System ru	unning on a	irrival and dep	arture.																	
		54,825	170	100	***	5.0	68.03	2,200	102	V-INF-VC0	0.0	<5.7	0.013	0.0022	<1.47	<1,737,25	<0.00	<27.72	0.01	<14.73	<0.000
										V-OUT-VC1	0_0	<5.7		<0.0016		24 1 1007			0.01	114.10	10.000
										V-OUT-VC2	0.0	<5.7	< 0.0072	< 0.0016							
07/22/10	Contom no		مداد لامت استفت							V-DSCHG	0.0	<5.7	< 0.0072	< 0.0016							
0/122/10	32,683		mival and dep 192	arture. 100	-	5.0	68.03	2,400	111	V INC VO											
	02,000	00,011	102	100		5.0	00,03	2,400	333	V-INF-VC0 V-OUT-VC1	0.0										
										V-OUT-VC1	0.0										
										V-DSCHG	0.0										
07/29/10			rrival and dep	arture.																	
	32,853	55,187	170	100	***	5.0	68.03	2,400	111	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
08/03/10	System ru	nnina on a	rrival and depa	arture.						V-DSCHG	0.0										
	32,920	-	67	100		5.0	68.03	2,400	111	V-INF-VC0	0.0										
							******	21.00	***	V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
08/11/10	System rui 33,162	-	rival and depa																		
	33,102	55,496	242	100		5.0	68.03	2,400	111	V-INF-VC0	0.0	<5.7	0.0097	<0.0016	<1.53	<1,738.77	< 0.00	<27.72	0.00	<14.73	< 0.000
										V-OUT-VC1 V-OUT-VC2	0.0	<5.7		<0.0016							
										V-001-VC2 V-DSCHG	0.0	<5.7 <5.7	<0.0072 <0.0072								
08/17/10	System rur	nning on ar	rival and depa	arture.						V 200110	0.0	40.7	~0.007Z	~0.0010							
	33,305	55,639	143	90	***	5.0	68.03	2,400	113	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
DR/24/10	System run	nnina on ar	rival and depa	arturo						V-DSCHG	0.0										
30/24/10	33,475	-	170	90	***	5.0	68.03	2,200	104	V-INF-VC0	0.0										
	00,	00,000	,,,	00		0.0	00.03	2,200	104	V-INF-VC0 V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
09/01/10			rival and depa																		
	33,664	55,998	189	90	777	5.0	68.03	2,200	104	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
9/09/10	System dov	wn on arriv	al and running	on departure	2.					V-DSCHG	0-0										
		56,194	196	90		5.0	68.03	2,000	94	V-INF-VC0	0.0	<5.7	0.031	<0.0016	<1.53	<1,740.30	<0.00	<27.72	0.01	<14.74	<0.000
										V-OUT-VC1	0.0	<5.7	<0.0072	< 0.0016	1.50	117 40100	comments.	The safe E	0.01	or a series from	~0.000
										V-OUT-VC2	0.0	<5.7	< 0.0072	<0.0016							
										V-DSCHG	0.0	<5.7	<0.0072	< 0.0016							

Notes:		Removal rated are calculated using SOP-25: "Hydrocarbons removed from a Vadose Well" Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
A-INF/V-INF-VC0	=	Influent vapor sample collected prior to biofilters.
A-INT1/V-OUT-VC1	=	Vapor sample collected after 1st carbon vessel.
A-INT2/V-OUT-VC2	=	Vapor sample collected after 2nd carbon vessel.
A-EFF/V-DSCHG	=	Vapor sample collected from effluent sample port.
TPHg	=	Total petroleum hydrocarbons as gasoline using EPA Method T0-3M; on and prior to 08/09/07, analyzed using EPA Method 18M.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method T0-15M; on and prior to 08/09/07, analyzed using EPA Method 18M.
Benzene	=	Benzene analyzed using EPA Method T0-15M; on and prior to 08/09/07, analyzed using EPA Method 18M.
Temp EFF	=	Temperature effluent.
deg F	=	Degrees Fahrenheit.
In H20	=	Inches of water column.
In Hg	=	Inches of mercury vacuum.
scfm	=	Standard cubic feet per minute.
fpm	=	Feet per minute.
lbs/day	=	Pounds per day.
ppmv	=	Parts per million by volume.
mg/M³	=	Milligrams per cubic meter.
€ <u>**</u> *	=	Not sampled/Not measured/Not analyzed/Not calculated.
а	=	Analyte was detected in the associated Method Blank.
b	=	Tedlar Bag deflated, sample could not be analyzed.
С	=	Concentration exceeds the calibration range.
d	=	Sample analyzed past recommended holding time.

Former Exxon Service Station 70104

1725 Park Street

Date	Total Flow	Average Flow Rate	Comple ID		Lat	oratory An	alytical Re	suits		TPHg F	Removed	Benzene	Removed	MTBE I	Removed
Date	(gallons)	(gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	Ε (μg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
10/10/94	1,331,420		W-INF W-EFF	<50 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	-			9	:::	***	***
12/02/94	1,392,010	0.8	W-INF W-EFF	65 <50	1.9 <0.5	0.9 <0.5	<0.5 <0.5	2,4 <0.5	V-775	<0.029	<0.0	<0.0006	<0.001	500	***
01/13/95	1,415,980	0,4	W-INF W-INT1 W-EFF	1,000 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5		0,106	<0,1	<0.0002	<0.001	***	***
02/23/95	1,494,030	1.3	W-INF W-INT1	<50 57 <50	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 2.7 <0.5		0,344	<0.5	<0.0003	<0.001	•••	***
03/14/95		name.	W-EFF W-INF W-INT1	<50 <50 <50	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	2555 2555 1222	***	::::::::::::::::::::::::::::::::::::::	(000)	***	3	***
04/14/95	1,513,240	0.3	W-EFF W-INF W-INT1	<50 <50 <50	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5		<0.009	<0.5	<0.0001	<0.001	33423	
05/18/95	1,714,850	4.1	W-EFF W-INF	<50 	<0.5	<0.5	<0.5	<0.5			10.000 10.000	-	***		
06/30/95	1,847,330	2.1	W-INF W-INT1	1,700 <50	480 <0.5	23 <0.5	66 <0.5	180 <0.5		<2,439	<2.9	0,6685	<0,670	144	***
07/12/95	1,908,730	3.6	W-EFF W-INF W-INT1	<50 290 <50	<0.5 68 <0.5	<0.5 <2.0 <0.5	<0.5 2.4 <0.5	<0.5 5.6 <0.5	-	0.510	<3.4	0.1404	<0.810	charter:	(1997)
08/09/95	2,027,830	3.0	W-EFF W-INF W-INT1	<50 6,600 <50	<0.5 1,700 <0.5	<0.5 260 <0.5	<0.5 370 <0.5	<0.5 550 <0.5		3,423	<6.9	0.8784	<1.689	***	
09/06/95	2,158,260	3.2	W-EFF W-INF W-INT1	<50 120 <50	<0.5 17 <0.5	<0.5 0.84 <0.5	<0.5 1.0 <0.5	<0.5 3.0 <0.5	***	3,656	<10.5	0.9342	<2.623		7444
10/11/95	2,215,310	1,1	W-EFF W-INF W-INT1	<50 160 <50	<0.5 22 <0.5	<0.5 0.97 <0.5	<0.5 1.2 <0.5	<0.5 4.0 <0.5		0.067	<10.6	0.0093	<2,632		
11/16/95	2,384,880	3.3	W-EFF W-INF W-INT1	<50 120 <50	<0.5 4.9 <0.5	<0.5 <0.5 <0.5	<0.5 <0.5 <0.5	<0.5 5.9 <0.5	===	0.198	<10.8	0.0190	<2,651	:::::::::::::::::::::::::::::::::::::::	2000
12/14/95	2,453,200	1.7	W-EFF W-INF W-INT1	<50 450 <50	<0.5 46 <0.5	<0.5 16 <0.5	<0.5 4.6 <0.5	<0,5 65 <0,5		0.162	<10.9	0.0145	<2,666	***	****
01/05/96	2,516,900	2.0	W-EFF W-INF W-INT1 W-EFF	<50 240 <50 <50	<0.5 26 <0.5 <0.5	<0.5 2.4 <0.5 <0.5	<0.5 1.2 <0.5 <0.5	<0.5 20 <0.5 <0.5	***	0.183	<11.1	0.0191	<2.685		· made

Former Exxon Service Station 70104 1725 Park Street

(2200 kg	Total	Average			Lab	oratory An	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
02/14/96	2,680,160	2.8	W-INF	470	43	5.5	<0.5	55	***	0.484	<11,6	0.0470	<2.732	-	
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	1000						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
03/12/96	2,767,820	2.3	W-INF	620	60	9.8	3.9	70	-	0.399	<12.0	0.0377	<2.769	-	
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
04/16/96	2,927,390	3,2	W-INF	790	120	27	8.8	120		0,939	<12.9	0.1198	<2.889	355	***
			W-INT1	<50	<0.5	<0.5	<0.5	< 0.5							
05/03/00			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	400						
05/07/96	2,971,100	1.5	W-INF	430	66	2.7 '	5	32		0.222	<13.2	0.0339	<2.923	3440	
			W-INT1	<50	< 0.5	<0.5	<0.5	< 0.5							
06/11/06	2 100 720	2.0	W-EFF	<50	<0.5	<0.5	<0.5	< 0.5	***	4.000	.45.4	0.0400	.0.000		
06/11/96	3,109,730	2.8	W-INF W-INT1	2,900 <50	470 <0.5	120	19	410	-	1,926	<15.1	0.3100	<3.233	***	
			W-EFF	<50	<0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5							
07/09/96	3,232,330	3,0	W-INF	490	55	6.2	<0.5	110	===	1.734	<16.8	0.2685	<3.502		
07703730	5,252,550	5,0	W-INT1	<50	<0.5	<0.5	< 0.5	<0.5		1.7 34	< 10.0	0.2000	<3.502	377	****
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
08/08/96	3,365,060	3.1	W-INF	580	49	4.6	<1.0	75	***	0.592	<17.4	0.0576	<3.559	***	***
	, .	10.00	W-INT1	<50	<0.5	<0.5	<0.5	<0.5	222	01002		0.00,0	0,000		
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
09/05/96	***	***	W-INF	740	67	19	10	72	***		***	***	***	***	
			W-INT1	<50	<0.5	<0.5	<0.5	< 0.5	***						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
10/02/96	3,530,230	2,1	W-INF	980	130	39	7.8	130	***	1.075	<18.5	0.1233	<3,683	***	***
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	-						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	777						
11/08/96	3,657,370	2.4	W-INF	480	42	7.1	0.69	79	***	0.774	<19.3	0,0912	<3.774	***	***
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	***						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
12/09/96	3,735,650	1.8	W-INF	<50	<0.5	<0.5	<0.5	<0.5	***	<0.173	<19.4	<0.0139	<3.788	200	
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
0.4.10.4.40.7	0.705.700		W-EFF	<50	<0.5	<0.5	<0.5	<0.5	1000						
01/21/97	3,735,730	0.0	W-INF	690	69	20	20	91	19660	0.000	<19.4	0.0000	<3.788	***	3000
			W-INT1 W-EFF	<50 <50	<0.5	<0.5	< 0.5	<0.5	1.555						
00/40/07	2 725 260	0.0		<50	<0.5	<0.5	<0.5	<0.5			40.4		0.700		
02/10/97	3,735,360	0.0	W-INF W-INT1	860 <50	100	24	1.4	160	244		<19.4		<3.788		
			W-EFF	<50 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	****						
03/20/97	3,843,430	2.0	W-INF	86	<0.5	<0.5	<0.5	5.1	***	0.426	<10.0	<0.0453	<3 833		
00120181	0,040,400	2.0	W-INT1	<50	<0.5 <0.5	<0.5	<0.5 <0.5	5.1 <0.5	255	0.4∠0	<19.9	~u.U453	<3.833	55.5	700
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
					U.U	0.10	.010	.0,0	.,-3;						

Police	Total	Average	0		Lab	oratory An	alytical Res	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (ibs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
04/03/97	3,918,650	3,7	W-INF	690	31	6.1	<5.0	89		0.244	<20,1	0.0099	<3.843	***	***
			W-INT1	<1,000	<10	<10	<10	<10							
			W-EFF	<50	<0.5	< 0.5	<0.5	<0.5	244						
05/07/97	4,092,720	3.6	W-INF	1,000	57	29	11	110	***	1.227	<21.3	0.0639	<3,907		
			W-INT1	<50	1.1	<0.5	<0.5	<0.5	1000						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	200						
06/11/97	4,144,600	1.0	W-INF	570	66	14	4.7	75	***	0.340	<21.7	0.0266	<3.933	(****	****
			W-INT1	<50	0.57	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0,5	<0.5	***						
06/25/97	4,273,310	6.4												(mee)	\$ 127 83
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
07/24/97	4,363,090	2.2	W-INF	470	25	8_8	3.7	49	***	0.948	<22,6	0.0829	<4.016	2224	522
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	***						
			W-EFF	<50	<0.5	<0.5	< 0.5	<0.5	***						
08/04/97	4,408,100	2,8	W-INF	610	48	18	6.2	69		0.203	<22.8	0,0137	<4.030	3500	(2007)
			W-INT1	<50	0.76	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
10/21/97	4,496,810	8.0	W-INF	250	16	5.4	2.3	29	***	0.318	<23.2	0.0237	<4.054	***	
			W-INT1	<50	<0.5	<0.5	<0.5	< 0.5	***						
			W-EFF	<50	<0.5	< 0.5	<0.5	<0.5							
11/04/97	4,553,090	2.8	W-INF	510	22	9.8	13	60	***	0.178	<23.3	0.0089	<4.063	***	***
			W-INT1	<50	0.82	< 0.5	<0.5	0.5	***						
			W-EFF	<50	<0.5	<0.5	< 0.5	<0.5							
12/05/97	4,588,340	0.8	W-INF	79	1.5	<0.5	<0.5	53	***	0.087	<23.4	0.0035	<4.066		277
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	***						
			W-EFF	<50	<0.5	<0.5	<0.5	< 0.5	***						
01/08/98	4,625,400	0.8	W-INF	83	2.6	0.74	<0.5	5.4		0.025	<23.4	0.0006	<4.067	***	
			W-INT1	<50	<0.5	<0.5	< 0.5	<0.5	***						
			W-EFF	<50	0.58	<0.5	0.81	1.5	***						
03/03/98	4,662,470	0.5	W-INF	<50	0.54	<0.5	<0.5	0.88		<0.021	<23.5	0.0005	<4.067	***	
			W-INT1	<50	<0.5	<0.5	<0.5	0.5			20.0	0.000			
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	leve.						
04/02/98	4,702,760	0.9	W-INF	1,100	170	32	12	160	0.00	0.193	<23.7	0.0287	<4.096	222	122
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5		0.100	20.7	0.0207	14.000		
			W-EFF	<50	< 0.5	<0.5	<0.5	<0.5							
05/04/98	4,786,330	1_8	W-INF	1,000	140	23	8.5	150	***	0.732	<24.4	0.1081	<4.204	***	***
	1,1 - 2,1 - 2	127	W-INT1	<50	<0.5	<0.5	<0.5	0.5	***	0,102	127.7	0,1001	17.204	200	-77
			W-EFF	<50	<0.5	<0.5	<0.5	< 0.5	***						
06/10/98	4,852,030	1.2	W-INF	670	110	16	7.6	74	32221	0.458	<24.8	0.0685	<4.272	***	
,		¥-	W-INT1	<50	<0.5	<0.5	<0.5	<0.5		0,100	~2T,U	0,000	77.616	277	5777
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
				-00		-010	-0.0	-0.0							

Former Exxon Service Station 70104

1725 Park Street Alameda, California

Barra	Total	Average			Lab	oratory An	alytical Re	sults		TPHg R	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
07/07/98	4,951,910	2,6	W-INF	690	91	13	6.3	55	***	0.567	<25.4	0.0838	<4.356		***
			W-INT1	<200	<2.0	<2.0	<2.0	<2.0	***						
			W-EFF	<50	< 0.5	<0.5	<0.5	<0.5	***						
08/04/98	5,039,980	2,2	W-INF	230	36	6.4	2.5	17	***	0.338	<25.7	0.0467	<4.403	***	1924
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	-						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
09/03/98	5,080,850	1.0	W-INF	280	13	2.0	6.4	21		0.087	<25.8	0,0084	<4.411		
			W-INT1	<50	<0.5	<0.5	<0,5	<0.5	***						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	2000						
10/20/98	***	***	W-INF	740	43	54	25	110	***	****	***	222	377	277	-
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	***						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
11/09/98	5,232,360	1,6	W-INF	300	37	10	8,4	43	***	0.367	<26,2	0.0316	<4.443	0000	***
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	7777						
404000			W-EFF	<50	<0.5	<0,5	<0.5	<0.5	***						
12/08/98	5,284,180	1,2	W-INF	700	82	25	13	100	***	0.216	<26.4	0.0257	<4.469	***	***
			W-INT1	<50	<0,5	<0.5	<0.5	<0.5							
04/40/00	5 077 000		W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
01/13/99	5,377,930	1.8	W-INF	1,030	155	46.5	52.7	73.3		0.677	<27.1	0.0927	<4.561	***	***
			W-INT1	<500	<5.0	<5.0	< 5.0	< 5.0							
00/08/00	5 444 000	4.7	W-EFF	<500	<5.0	<5.0	<5.0	<5.0							
02/08/99	5,441,820	1,7	W-INF	260	31	9.0	2.4	33	222	0.344	<27.4	0.0496	<4.611		355
			W-INT1 W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
03/08/99	5,509,090	4.7	W-INF	<50	<0.5	<0.5	<0.5	<0.5	200						
03/06/99	5,509,090	1.7	W-INT1	800 <50	87 <0.5	16 -0.5	8.5	140	3656	0.297	<27.7	0.0331	<4.644	***	***
			W-EFF	<50 <50	<0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	575						
04/05/99	5,571,890	1,6	W-INF	<500					***	-0.044	100.4	0.0004	14.070		
04/03/99	3,371,090	1,0	W-INT1	<500 <500	36.6 <5.0	12.2 <5.0	5.84 <5.0	20.9 <5.0		<0.341	<28.1	0.0324	<4,676	***	***
			W-EFF	<500	<5.0	<5.0	<5.0	<5.0 <5.0	***						
05/06/99	5,621,560	1.1	W-INF	310	45	6.0	0.86	41	200	0.168	<28.2	0.0160	-4 602		
00,00,00	0,021,000	1.1	W-INT1	<50	<0.5	<0.5	<0.5	<0.5	***	0.100	<20.Z	0.0169	<4.693	****	***
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
06/07/99	5,706,250	1.8	W-INF	<250	24.8	<2.5	<2.5	8.74	***	<0.198	<28.4	0.0247	<4.718		
00/01/00	0,1 00,200	1.0	W-INT1	<100	<1.0	<1.0	<1.0	<1.0		~0.190	~20.4	0.0247	C4.7 10	555	3200
			W-EFF	<250	<2.5	<2.5	<2.5	<2.5	***						
07/28/99	5,805,010	1,3	W-INF	<100	7.00	<1.0	2.40	6.40		<0.144	<28.6	0.0131	<4.731	***	1000
	-1		W-INT1	<50	<0.5	<0.5	<0.5	<0.5		70.177	-20.0	0.0101	77.701		
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
08/09/99	5,849,280	2.6	W-INF	<500	17.1	5.88	<5.0	26.8	***	<0,111	<28.7	0.0045	<4.735	***	****
	-,,	=	W-INT1	<250	<2.5	<2.5	<2.5	<2.5	***	ν ₀ , 111	~20.1	0.0040	74.100		
			W-EFF	<250	<2.5	<2.5	<2.5	<2.5							
						2.0			#5						

Former Exxon Service Station 70104 1725 Park Street

Data	Total	Average	OI- ID		Lal	boratory An	alytical Res	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
09/07/99	5,880,860	0.8	W-INF	<500	20.4	<5.0	<5.0	31.1		< 0.132	<28.8	0.0049	<4.740		
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
10/12/99	5,966,690	1,7	W-INF	100	2	<1.0	<1.0	<1.0		0,215	<29.0	0,0080	<4.748	g 22	***
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0							
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0							
11/18/99	5,971,540	0.1	W-INF	660	66	7.8	5.6	57		0.015	<29.1	0,0014	<4.750	***	***
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0							
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0							
12/09/99	5,992,780	0.7	W-INF	200	28	3.2	2.2	22.4		0.076	<29.1	0,0083	<4.758	((****	
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0							
			W-INT2	<50	<1.0	<1.0	<1.0	<1.0							
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0							
01/10/00	6,035,690	0,9	W-INF	120	11	1,5	1.8	14.5		0.057	<29.2	0.0070	<4.765	-	::
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0							
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0							
02/08/00	6,055,000	0,5	W-INF	130	14	<1.0	<1.0	11.9		0.020	<29.2	0,0020	<4.767	***	
			W-INT2	<50	<1.0	<1.0	<1.0	<1.0							
	¥		W-EFF	<50	<1.0	<1.0	<1.0	<1.0							
03/24/00	System shut dowr 6,080,125	n pending evaluation 0.4													
03/28/00	System shut dowr	upon departure.													
	6,080,360	0.0	W-INF	<50	<1.0	<1.0	<1.0	<1.0		<0.019	<29.2	<0.0016	<4.769	***	***
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0							
			W-INT2	<50	<1.0	<1.0	<1.0	<1.0							
			W-EFF	<67	<1.0	<1.0	<1.0	<1.0							
04/01/00	Environmental Re	solutions,-Inc. assun	ned operation of the r	emediation s	system										
06/05/02			departure. Startup.	Water sam	ples collec	ted for start	tup.								
	10	0.0	W-INF	<50	< 0.5	<0.5	<0.5	<0.5		<0.000	<29.2	< 0.0000	<4.769	***	***
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	_						
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
06/19/02		arrival and departu	re,												
07/00/00	47,370	2.4													
07/03/02		arrival and departu													
	114,030	3.3	W-INF	270	<2.5	<2.5	<2.5	<2.5	1,300	0.152	<29.4	< 0.0014	<4.770	2.473	2.473
			W-INT1	<50	<0.5	<0.5	<0_5	<0.5	46						
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
07/17/02	Cuntom down on a	orival and supping	W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
01111102	114,230	rrival and running or 0.0	i departure.												
07/31/02			donaturo												
01101102	179,580	n arrival and down on 3.2	dehaume.												
	119,000	J,Z													

Former Exxon Service Station 70104 1725 Park Street

	Total	Average			Lal	oratory Ar	nalytical Re	sults		TPHo R	ternoved	Benzene	Removed	MTRF F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
08/14/02	System down on	arrival and running o	on departure,										A7		
	179,930	0.0	W-INF	620	4.1	<2.5	<2.5	<2.5	1,400	0.245	<29_6	0.0018	<4.772	0.742	3,216
			W-INT1	<50	< 0.50	< 0.50	<0,50	<0.5	150						
			W-INT2	<50	<0.50	<0,50	<0.50	<0.5	<2.5						
			W-EFF	<50	<0.50	< 0.50	< 0.50	< 0.50	<2.5						
08/28/02	222,900	on arrival and down o													
11/06/02	System down on	arrival and running o	on departure,												
	223,080	0.0	W-INF	660	<5.0	<5.0	<5.0	<5.0	1,700	0.230	<29.9	< 0.0016	<4.774	0.558	3.774
			W-INT1	100	3.9	<0.5	< 0.5	1.4	150					7,000	, .
			W-INT2	<50	< 0.5	< 0.5	<0.5	<0.5	<2,5						
			W-EFF	<50	<0.5	< 0.5	< 0.5	< 0.5	<2.5						
11/20/02	System down on a	arrival and departure	9.												200
12/04/02		arτival and departure													
12/18/02		arrival and departure													
01/03/03	•	arrival and departure													
	224,032	0_0													
01/06/03		arrival and departure													
01/15/03		arrival and running o	n departure_												
	224,360	0.0	W-INF	730	<5.0	<5.0	<5.0	<5.0	1,200	0.007	<29.9	< 0.0001	<4.774	0.015	3.789
			W-INT1	71	<0.50	< 0.50	<0.50	<0.50	110						
			W-INT2	***	222				***						
50.6			W-EFF	<50	<0.50	<0.50	< 0.50	<0.50	<2.5						
01/29/03		n arrival and departu	ıre,												
	283,830	3.0													
02/12/03		n arrival and departu													
	321,540	1,9	W-INF	<500	<5.0	<5.0	<5.0	<5.0	500	< 0.499	<30.4	< 0.0041	<4.778	0.689	4.478
			W-INT1	<500	<5.0	<5.0	<5.0	<5.0	500						
			W-INT2	<250	<2.5	<2.5	<2.5	<2.5	330						
20/00/00	0		W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
02/26/03	System running or 383,280	n arrival and departu 3.1	re.												
03/12/03	·	n arrival and departu	re.												
	439,050	2.8	W-INF	190	<10	<10	<10	-10	1 000	0.000	-00.7	.0.0074	4 =0 =		
	,	2.0	W-INT1	86	<2.5	<2.5	<2.5	<10	1,200 150	0.338	<30.7	< 0.0074	<4.785	0.833	5.312
			W-INT2	<50	<0.50	<0.50	<0.50	<2.5							
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50 <0.50	1.5 <0.5						
03/26/03	System running or	arrival and departu		-50	-0.00	~0.00	~0.00	~U.5U	~U.5						
	2,0.0	and dopulta													

Data	Total	Average	Onneric ID		Lab	oratory An	alytical Re	suits		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
04/09/03	System running of	on arrival and departu	re,												
	537,030	2,4	W-INF	<500	<25	<25	<25	<25	930	<0.282	<31.0	<0.0143	<4.799	0,871	6,182
			W-INT1	50	<2.5	<2.5	<2.5	<2.5	91						
			W-INT2	<50	<0.50	< 0.50	<0.50	< 0.50	8.7						
			W-EFF	<50	<0.50	<0.50	<0.50	< 0.50	<0,5						
04/23/03	System running of	n arrival and departu	re.												
	584,410	2.4													
05/07/03		n arrival and departu	re.												
	613,620	1.5	W-INF	180	<5.0	<5.0	<5.0	< 5.0	430	0.217	<31.2	< 0.0096	<4.809	0.435	6,617
			W-INT1	110	<0.50	<0.50	<0.50	< 0.50	99						
			W-INT2	<50	<0.50	< 0.50	<0.50	<0.50	18						
			W-EFF	<50	<0.50	< 0.50	<0.50	<0.50	<0.50						
05/21/03		n arrival and departu	re.												
	646,410	1.6													
06/04/03		n arrival, down on de	parture for carbon o	hangeout.											
	723,100	3.8													
06/18/03		arrival, running on de													
	723,320	0.0	W-INF	<250	<2.5	<2.5	<2.5	<2.5	410	<0.197	<31.4	< 0.0034	<4.812	0.384	7.001
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-INT2	<50	<0.50	<0.50	<0.50	< 0.50	<2.5						
7/00/00			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
07/02/03		n arrival and departui													
	751,630	1.4	W-INF	120	<25	<25	<25	29	560	0.044	<31.4	< 0.0032	<4.816	0.115	7,116
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-INT2 W-EFF	<50	<0.50	<0.50	<0.50	< 0.50	<0.50						
07/16/03	Suotom running o	n arrival and departur		<50	<0.50	<0.50	<0.50	<0.50	<0.50						
07710703	778,100	n arrivar and departur 1.3	e.												
07/30/03		n arrival and departur	-												
07750705	805.390	1.4	C _e												
08/13/03		n arrival and departur	Δ.												
00/10/00	828,920	1.2	W-INF	390	<10	<10	<10	<10	620	0.164	<31.6	<0.0113	<4.827	0,380	7.496
	020,020	1.2	W-INT1	<50	<0.50	<0.50	<0.50	<0.50	0.90	0.104	731,0	~0.0113	4.021	0,560	7.430
			W-INT2	<50	<0.50	< 0.50	<0.50	<0.50	< 0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	< 0.50	<0.50						
08/27/03	System running o	n arrival and departur		-00	-0.00	-0,00	10,00	40.00	-0,00						
	854,560	1.3	0.												
09/10/03		arrival, running on de	parture.												
	854,800	0.0	W-INF	89	<5.0	<5.0	<5.0	<5.0	140	0.052	<31.7	<0.0016	<4.828	0.082	7.578
			W-INT1	<50	<0.50	<0.50	< 0.50	< 0.50	0.81		-110	2.0010	107	7/442	.,,,,,
			W-INT2	<50	<0.50	<0.50	<0.50	< 0.50	<0.50						
			W-EFF	<50	< 0.50	<0.50	<0.50	< 0.50	<0.50						

							meda, Cal								
Date	Total Flow	Average	Comple ID		Lat	oratory Ar	alytical Re	suits		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	(gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
09/24/03	System running	on arrival and depar	ture.							***************************************		-1.	33,4100		
	879,920	1.3													
10/08/03	System running	on arrival and depar	ture												
	903,850	1.2	W-INF	330	<10	<10	<10	<10	540	0.086	<31.7	<0,0031	<4.832	0,139	7.718
			W-INT1	<50	<0.50	<0.50	<0.50	< 0.50	1.5						
			W-INT2	<50	<0.50	<0.50	<0.50	< 0.50	<0.50						
40/00/00	0 -1		W-EFF	<50	<0.50	<0.50	<0.50	< 0.50	<0.50						
10/22/03		on arrival and depar	ture.												
11/03/03	927,460 System sysping	1.2													
11/03/03	947,710	on arrival and depart 1,2	ure. W-INF	520	-10	-10	-40	-40	0.1.0	0.457					
	947,710	1,2	W-INT1	530 <50	<10 <0.50	<10	<10	<10	810	0.157	<31.9	<0.0037	<4.835	0.247	7,965
			W-INT2	<50	<0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	4.4 <0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
11/17/03	System down on	алтival. Restarted.	Running on departure		-0.00	-0,00	-0.00	10,00	٧٥,٥٥						
	964,770	0.9													
12/01/03	System running	on arrival and depart	ure.												
	992,510	1.4	W-INF	410	<250	<250	<250	<250	820	0.176	<32,1	<0.0486	<4.884	0.305	8.269
			W-INT1	<50	<0.50	< 0.50	<0.50	<0.50	4.2						
			W-INT2	<50	<0.50	<0.50	< 0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	< 0.50	< 0.50	<0.50	< 0.50						
12/15/03		on arrival and depart	ure.												
	1,021,420	1.4													
12/29/03		on arrival and depart	ure.												
01/12/04	1,051,220	1.5	MII baldiaa taaliy taa												
01/12/04	1,062,140	0,5	I/H] holding tank), trar	ister pump ta	allure.										
01/26/04	System shut dow	n on arrival, replace	d transfer pump restar	ted system.	Collected	monthly sa	mples.								
	1,062,440	0,0	W-INF	300	<5.0	<5.0	<5.0	<5.0	770	0,207	<32.3	<0.0744	<4.958	0.464	8.733
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	5.7						
			W-INT2	<50	<0.50	<0,50	< 0.50	<0.50	< 0.50						
00/00/04	0		W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
02/09/04			tank, transfer pump a	opears to have	ve failed).	System sh	ut down or	n departure							
04/08/05	1,062,450	0.0	system into holding to	الماسان الماسان	di			0 .							
04/06/03	1,064,739	0.0	W-INF	ank (did not i 600	<0.50	<0.5	nately 400	-	740	0.000	22.2	.0.0004	.4.050	0.045	0.740
	1,004,100	0.0	W-INT1	<50.0	<0.50	<0.5	<0.5 <0.5	<0.5 <0.5	748 2.9	0.009	<32.3	<0.0001	<4.958	0.015	8.748
			W-INT2	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5						
			W-EFF	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5						
06/27/05	1,065,780	0.0	_, .	3-1-			-,0	5,0	0.0						
06/28/05	1,066,510	0.5													
06/29/05	1,075,770	6.4													
07/01/05	1,093,250	6.1													
	,														

Former Exxon Service Station 70104 1725 Park Street

Dete	Total	Average	0 1 10		Lat	oratory An	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE I	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
07/08/05	1,146,060	5.2													
07/15/05	1,201,070	5.5													
07/22/05	1,257,570	5,6	W-INF	844	8.80	2.3	0.7	30.9	707	1.162	<33.5	0.0075	<4.966	1,170	9,918
			W-INT1	151	< 0.50	< 0.5	< 0.5	<0.5	151						
			W-INT2	<50.0	<0.50	<0.5	<0.5	<0.5	1.9						
			W-EFF	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5						
07/24/05	1,271,470	4.8													
07/29/05	1,272,030	0,1													
08/05/05	1,272,630	0.1	W-INF	713	6.01	<0.500	0.569	9.69	647	0.098	<33,6	0.0009	<4.967	0.085	10,003
			W-INT1	<50.0	<0.500	<0.500	<0.500	<0.500	0.698						
			W-INT2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500						
22/42/25	4 000 000		W-EFF	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500						
08/12/05	1,326,820	5,4													
08/19/05	1,330,450	0,4													
08/26/05	1,346,130	1.6													
09/02/05	1,384,160	3.8													
09/09/05	1,436,360	5.2	W-INF	681	0.96	<0.50	<0.50	<0.50	664	0.952	<34.5	0.0048	<4.971	0.895	10.899
			W-INT1	<50,0	< 0.50	<0.50	<0.50	<0.50	<0.50						
			W-INT2 W-EFF	<50.0 <50.0	<0.50 <0.50	<0.50 <0.50	<0.50	< 0.50	<0.50						
09/16/05	1,488,660	5.2	VV-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
09/19/05	1,507,200	4.3													
10/07/05	1,507,820	0.0													
10/14/05	1,550,690	4.3													
10/21/05	1,563,060	1.2													
10/28/05	1,578,720	1.6													
11/04/05	1,634,790	5.6													
11/11/05	1,670,990	3.6	W-INF	858	0.86	40 E0	40 FO	-0.50	005	4.500	00.0		4.070		
11/11/00	1,070,000	3.0	W-INT1	<50.0	<0.50	<0,50 <0.50	<0.50 <0.50	<0.50 <0.50	695 3,25	1.506	<36.0	0.0018	<4.973	1.330	12,229
			W-INT2	<50.0	<0.50	<0.50	< 0.50	<0.50	0.53						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
11/18/05	1,706,440	3.5				102	-0		-						
11/21/05	1,715,550	2.1													
12/02/05	1,772,310	3.6													
12/09/05	1,786,420	1.4	W-INF	1,060	<0.50	<0.50	<0.50	<0.50	821	0.924	<36.9	<0.0007	<4.974	0,730	12,959
	.,,		W-INT1	<50.0	<0.50	< 0.50	< 0.50	<0.50	16.0	0.024	100.9	-0.0007	4.574	0,730	12,939
			W-INT2	<50.0	< 0.50	< 0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	< 0.50	<0.50	<0.50	< 0.50						
12/16/05	1,800,240	1.4													
12/22/05	1,804,140	0.5													
12/30/05	1,804,160	0.0													

Former Exxon Service Station 70104

1725 Park Street

	Total	Average		T	Lal		nalytical Re			TDHo F	Removed	Ponzono	Removed	MITDE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg	В	T	E	X	MTBE	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative
				(µg/l)	(µg/l)	(µg/I)	(µg/l)	(µg/l)	(µg/l)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)
01/06/06	1,823,487	1.9	W-INF	3,210c	<0.50	<0.50	<0.50	<0.50	1,240	0.660	<37.6	<0.0002	<4.974	0.319	13,277
			W-INT1	<50.0	<0.50	<0.50	< 0.50	<0.50	28.8						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
01/13/06	1,840,520	1.7	W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
01/20/06	1,853,860	1_3													
01/27/06	1,870,720	1.7													
02/03/06	1,887,390	1.7	W-INF	4 7004	-40	-40	.40	4.0	. ===						
02/00/00	1,007,590	1.7	W-INT1	1,700d <50	<10 <0.50	<10 <0.50	<10 <0.50	<10	1,700 35	1,309	<38.9	<0.0028	<4.977	0.784	14,061
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50 <0.50	35 <2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
02/10/06	System running or	n arrival and departure				3,600	0,00	0.00	-210						
	1,904,310	1.7													
02/17/06	System running or	n arrival and departure	e.												
	1,921,860	1.7													
02/23/06	-	n arrival and departure	e.												
00/04/00	1,936,920	1,7													
02/24/06		n arrival and departure	e.												
03/03/06	1,941,290	3,0 arrival and departure		*1											
00/00/00	1,972,060	3.1	W-INF	<2,500	<25	<25	<25	-0F	4.700	-4 404	-40.4	.0.0404	.4.000		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,1	W-INT1	<500	<5.0	<5.0	<5.0	<25 <5.0	1,700 250	<1,484	<40.4	<0.0124	<4.989	1,201	15.262
			W-INT2	<50	<0.50	< 0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	< 0.50	< 0.50	< 0.50	<2.5						
03/10/06	System running or	arrival and departure													
	1,989,680	1.8													
03/17/06		ırrival (moisture separ	ator tank [MST] hig	h level). Res	started. Ru	inning on o	departure.								
	2,002,980	1,3													
03/24/06		arrival and departure	9.												
00/04/00	2,038,840	3.6													
03/31/06	2,042,050	rrival, Restarted, Ru	inning on departure	•											
04/07/06		0.3 arrival and departure	2												
04.01700	2,079,030	3.7	W-INF	<2,500	<25	<25	<25	<25	1,800	<2,231	-40.6	-0.0000	4E-044	4.500	40.004
	2,0.0,000	211	W-INT1	400d	<2.5	<2.5	<2.5	<2.5	440	~2,231	<42.6	<0.0223	<5.011	1,562	16.824
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0,50	<0.50	<0.50	< 0.50	<2.5						
04/13/06	System running on	arrival and departure),												
	2,109,320	3.5													
04/28/06		arrival and departure	2.												
	2,145,290	1.7													

Data	Total	Average	Comple ID		Lat	oratory An	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
05/05/06	System running	on arrival and departu	e,												
	2,180,750	3,5	W-INF	<2,500	<25	<25	<25	<25	1,800	<2,122	<44.7	<0.0212	<5,033	1.528	18,352
			W-INT1	650d	<5.0	<5.0	<5.0	<5.0	800				5.		
			W-INT2	<50	< 0.50	<0.50	< 0.50	< 0.50	<2,5						
			W-EFF	<50	<0.50	< 0.50	< 0.50	< 0.50	<2.5						
05/12/06	System running	on arrival and departur	e.												
	2,213,710	3.3													
05/19/06	System running	on arrival and departur	e.												
	2,245,730	3.2													
05/25/06	System running	on arrival and departur	e.												
	2,272,150	3.1													
06/02/06		on arrival and departur	e.												
	2,305,800	2.9													
06/09/06		on arrival and departur	e.												
	2,334,660	2.9	W-INF	<2,500	<25	<25	<25	<25	2,100	<3.210	<48.0	< 0.0321	<5.065	2.504	20.856
			W-INT1	1,200d	15	<10	<10	<10	1,100						
			W-INT2	<50	<0.50	< 0.50	< 0.50	<0.50	9.6						
			W-EFF	<50	<0.50	< 0.50	< 0.50	< 0.50	<2.5						
06/16/06	-	arrival and running on	departure.												
	2,354,230	1.9													
06/23/06	System running of 2,364,230	on arrival and departur 1.0	e,												
06/30/06	System running of 2,373,900	on arrival and departur	e.												
07/05/06		on arrival and departure	a.												
	2,381,000	1.0	W-INF	113	<0.50	<0.50	<0.50	<0.50	169	0.505	<48.5	<0.0049	<5.070	0.439	21.294
	_,,		W-INT1	<50.0	<0.50	<0.50	<0.50	< 0.50	9.86	0.000	140.0	10,0049	~5.070	0.439	21.284
			W-INT2	<50.0	<0.50	< 0.50	< 0.50	< 0.50	<0.50			()e			
			W-EFF	<50.0	< 0.50	<0.50	<0.50	<0.50	<0.50						
07/14/06	System running of	on arrival and departure		- 1/1	7,77.	-			-0.00						
	2,435,000	4.2													
07/21/06	System running of	on arrival and departure	э.												
	2,471,700	3.6													
07/28/06	System running of	n arrival and departure	э.												
	2,505,700	3.4													
08/04/06	System running of	n arrival and departure	9.												
	2,541,520	3.6	W-INF	1,800	1.97	<0.50	< 0.50	2,27	2,220	1.281	<49.7	0.0017	<5.071	1,600	22.894
			W-INT1	619	< 0.50	<0.50	<0.50	<0.50	646		74.1	0.0011	,	11000	22.00
			W-INT2	<50.0	<0.50	<0.50	<0.50	0.64	<0.50						
			W-EFF	<50.0	<0.50	<0.50	< 0.50	<0.50	<0.50						
08/11/06	System running o	n arrival and departure) .												
	2,578,290	3.7													

Former Exxon Service Station 70104 1725 Park Street

Date	Total Flow	Average Flow Rate	Sample ID		La	boratory A	nalytical Re	sults		TPHg i	Removed	Benzene	Removed	MTBE F	Removed
Date	(gallons)	(gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
08/18/06	System running	on arrival and departu	иге.						W. Kulle	ale and an artist and				1	1,307
	2,614,050	3.6													
08/25/06		on arrival and departu	ıre.												
00/01/00	2,614,100	0.0													
09/01/06		on arrival and shut do	own on departure fo	r carbon chan	geout.										
00/45/06	2,651,170	3.7	_												
09/15/06		ut complete. Restart	system.												
09/22/06	2,651,170	0.0	***												
09/22/00	2,670,860	arrival and locked ou 2,0													
	2,070,000	2,0	W-INF W-INT1	861		< 0.50	<0.50	0,67	924	1.436	<51.2	<0.0013	<5.073	1.696	24.590
			W-INT2	<50.0	< 0.50	< 0.50	<0.50	<0.50	6.66						
			W-EFF	<50.0 <50.0	0.84 <0.50	<0.50	<0.50	2,98	1.29						
10/06/06	System down on	arrival and running or		~50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
	2,670,860	0.0	п осранию.												
10/13/06	. ,	arrival and departure	2												
	2,672,600	0.2													
10/20/06		arrival and locked out	t/tagged out on dep	arture for carl	on chang	eout									
	2,672,860	0.0	00		on onang	3001									
10/27/06	System down on	arrival and running or	n departure.												
	2,672,860	0.0	W-INF	<2,500	<25	<25	<25	<25	2,400	<0.028	<51.2	<0.0002	<5.073	0.028	24,618
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2,5		02	5.0002	-0.070	0.020	24.010
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
11/03/06	-	n arrival and departur	re.												
	2,710,410	3.7													
11/10/06		n arrival and departur													
	2,751,080	4.0	W-INF	2,700d	<25	<25	<25	<25	2,500	1.697	<52.9	<0.0163	<5.089	1.599	26.217
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-INT2	<50	<0.50	<0.50	<0.50	< 0.50	<2.5						
11/14/06	System rupping o	n arrival and departur	W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
11/14/00	2,775,140	n amvar and departur 4.2	e.												
11/20/06		n arrival and departur	·e												
	2,808,860	3.9	<u> </u>												
11/27/06		n arrival and departur	e.												
	2,845,210	3.6	Ÿ.												
12/05/06		n arrival and departur	e.												
	2,885,930	3.5	W-INF	2,500d	<25	<25	<25	<25	2,300	2.925	<55.8	<0.0281	<5.117	2.700	28.917
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	38	2.020		~0.020 1	\ 3.117	2.700	20.917
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						

	Total	Average			La	boratory Ar	nalytical Re	esults		TPHa F	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gailons)	Flow Rate (gpm)	Sample ID	TPHg (μg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/15/06	System down on	arrival and running	departure.			71.5		- 11.5			NET L	1 (100)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 (133)	(100)
	2,885,930	0.0	11 55												
12/21/06	System running	on arrival and depart	ure												
	2,922,240	4.2													
12/26/06	System running	on arrival and depart	ure,												
	2,944,490	3.1													
01/05/07	System running	on arrival and depart	ure.												
	2,969,800	1.8													
01/12/07	System running	on arrival and depart	ure.												
	3,012,350	4.2	W-INF	1,600d	<12	<12	<12	<12	1,700	2.162	<58.0	< 0.0195	<5.137	2.110	31,027
			W-INT1	580d	<5.0	< 5.0	<5_0	<5.0	590						
			W-INT2	<50	<0.50	<0.50	< 0.50	<0.50	<2.5						
			W-EFF	<50	< 0.50	<0.50	< 0.50	<0,50	<2.5						
01/19/07	System running of	on arrival and depart	ure,												
	3,046,970	3.4													
01/26/07		on arrival and departi	иге.												
	3,090,550	4.3													
02/02/07	System running of	on arrival and departi	ıre,												
	3,129,760	3.9	W-INF	1,400d	<12	<12	<12	<12	2,100	1,469	<59.5	<0.0118	<5.149	1,861	32.888
			W-INT1	1,100d	<10	<10	<10	<10	1,400						
			W-INT2	<50	< 0.50	<0.50	< 0.50	<0.50	<2.5						
			W-EFF	<50	< 0.50	<0.50	< 0.50	< 0.50	<2,5						
02/09/07	_	on arrival and departu	ı.e.												
	3,169,480	3.9													
02/16/07		on arrival and locked	out/tagged out on d	eparture for ca	arbon chan	geout.									
	3,187,150	1.8													
02/23/07		ut/tagged out on arriv													
03/02/07		ut/tagged out on arriv													
03/09/07		ut/tagged out on arriv													
04/03/07		ut/tagged out on arriv	al, restarted, and ru	inning on depa	irture.										
0.440107	3,187,660	0.0													
04/12/07	•	n arrival and departu													
	3,223,250	2.8	W-INF	2,700d,e	<25e	<25e	<25e	<25e	3,100e	1.599	<61.1	< 0.0144	<5.163	2.028	34.916
			W-INT1	1,600d,e	<10e	<10e	<10e	<10e	1,800e						
			W-INT2	<50e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<2.5 e						
0.1/0.0/07			W-EFF	<50 e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<2.5 e						
04/20/07		n arrival and departu	ire,												
0.4/05/07	3,235,130	1.0													
04/25/07		аптival and running o	n departure												
05/04/07	3,246,590	1.6													
05/04/07		arrival and running or	n departure.												
	3,248,650	0.2													

Former Exxon Service Station 70104 1725 Park Street

Date 05/11/07 05/17/07	Total Flow (gallons)	Average Flow Rate					meda, Cali								
05/11/07		Flow Rate		1	Lab	oratory An	alytical Res	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
		(gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	Ε (μg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
05/17/07	System down on a	rrival and running o	on departure.										Descrit.		V
05/17/07	3,255,710	0.7	W-INF	2,200f	<10 f	<10f	<10f	<10f	3,400f	0,664	<61.7	< 0.0047	<5.168	0.880	35,796
05/17/07			W-INT1	1,000f	<10f	<10f	<10f	<10f	1,600f						
05/17/07			W-INT2	<50f	<0,50 f	<0.50 f	<0.50 f	<0.50 f	<0.50 f						
05/17/07			W-EFF	<50 f	<0.50 f	<0.50 f	<0.50 f	<0.50 f	2,5 f						
		rrival and running o	on departure.												
	3,276,990	2.5													
05/25/07	-	arrival and depart	ure.												
	3,284,770	0.7													
05/30/07	System running on	arrival and departi	ure.												
	3,299,240	2.0													
06/01/07	System down on a	rrival and running o	on departure.												
06/08/07	System down on a	rrival and running o	n departure.												
	3,338,400	3.0													
06/15/07	System down on a	rrival and running o	n departure.												
06/21/07		πival and running o													
	3,351,600	0.7	W-INF	<2,500	<25	<25	<25	<25	1,600	<1,880	<63.6	< 0.0140	<5.182	2.000	37.796
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5			3,0110		2,000	01,
			W-INT2	<50	< 0.50	<0.50	< 0.50	<0.50	<2.5						
			W-EFF	<50	< 0.50	<0.50	< 0.50	< 0.50	<2.5						
06/29/07	System down on a	rival and running o	n departure.												
	3,374,190	2.0													
07/06/07	System down on a	rival and running o	n departure.												
	3,382,010	0,8	•												
07/11/07	System down on ar	rival and running o	n departure.												
	3,388,110	0.9	•												
07/18/07	System down on ar	rival and running or	n departure.												
	3,409,620	2.1													
07/20/07	System down on ar	rival and running o	n departure.												
	3,411,890	0.8													
07/24/07	System running on		re.												
	3,416,420	0.8													
07/31/07	System running on	arrival and departu	re.												
	3,425,640	0.9	W-INF	1,040	0.86	<0.50	<0.50	<0.50	684	1.093	<64.7	0.0080	<5.190	0.705	38.502
			W-INT1	<50.0	< 0.50	< 0.50	<0.50	<0.50	<0.50	1.000	104.7	0.0000	-5.190	0.705	30.302
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	< 0.50	<0.50						
08/09/07	System running on	arrival and departu		20.0			-0.50	-0.00	-0.00						
	3,437,380	0.9	W-INF	2,330	<0.50	<0.50	<0.50	<0.50	1,590	0.165	<64.9	<0.0001	<5.190	0.111	38.613
	2 (2) (3)	10/	W-INT1	<50.0	< 0.50	<0.50	<0.50	<0.50	0.65	0.100	707.5	~0.0001	~5.180	0.111	30,013
			W-INT2	<50.0	<0.50	< 0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
				20.0	-,50	0.00	-0,00	-0,00	-0.00						

Former Exxon Service Station 70104

1725 Park Street

Date	Total Flow	Average	Carrello ID		Lat	ooratory Ar	nalytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE I	Removed
Date	(galions)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	(µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
08/14/07	System running of 3,446,080	on arrival and departur	e.											***************************************	
08/21/07	System running of 3,456,500	on arrival and departure 1.0	e.												
08/28/07	System down on 3,467,940	arrival and running on 1.1	departure.												
09/07/07	System running of 3,478,900	on arrival and departure 0,8	e.												
09/14/07	System running of	on arrival and departure	e,												
	3,485,690	0.7	W-INF	120	<0.50	<0.50	< 0.50	<1.0	330	0.494	<65.4	<0.0002	<5.190	0.387	39,000
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0	12.1		5,555		0.55.	00,000
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	79	< 0.50	<0.50	<0.50	<1.0	<5.0						
09/21/07	System running of 3,492,210	on arrival and departure 0.7	9.												
09/28/07	System running of 3,498,950	on arrival and departure 0.7	e.												
10/02/07	System running of 3,502,850	on arrival and shut dow 0.7	n on departure.												
10/05/07	System shut dow 3,502,920	n on arrival and running	g on departure												
10/12/07	System running o	on arrival and running o	on departure.												
	3,522,910	2.0	W-INF	1,200	<5.0	<5.0	<5.0	<10	1,900	0.205	<65.6	<0.0009	<5.191	0.346	39.346
			W-INT1	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0	0.200	100.0	10.0000	70.101	0.540	38.340
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
10/16/07	System running o 3,524,550	n arrival and running o	n departure.				0.00		0.0						
10/22/07	System running o 3,546,660	n arrival and running o 2.6	n departure.												
11/02/07	System running o 3,556,830	n arrival and running o	n departure.												
11/09/07	System running of	n arrival and running o	n departure.												
	3,576,540	2.0	W-INF	550	<2.5	<2.5	<2.5	<5.0	1,700	0.392	<65.9	< 0.0017	<5,193	0.805	40.152
			W-INT1	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0	0.002	400.0	40.0017	10,100	0.003	40.102
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
11/16/07	System running or 3,585,210	n arrival and running or 0,9	n departure.				10077		214						
11/21/07		n arrival and running or	n departure.												
11/26/07		ог. arrival and running on c 0,7	departure												

Former Exxon Service Station 70104

1725 Park Street Alameda, California

Data	Total	Average	0 1 15	T	La	boratory A	nalytical Re	sults		TPHg	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	Ε (μg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/07/07		on arrival and running of	on departure.												
	3,605,900	0.7	W-INF	250	<2,5	<2.5	<2,5	<5.0	380	0.098	<66.0	<0.0006	<5.193	0,255	40.407
			W-INT1	<50	<0.50	0.50	< 0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
	_		W-EFF	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
12/13/07	System running o 3,609,430	on arrival and running of 0.4	on departure.												
12/14/07	System shut dow 3,610,550	n on arrival and depart 0,8	ure,												
12/19/07	System down on 3,610,960	arrival and running on 0.1	departure.												
12/21/07	System running of 3,617,270	on arrival and running of 2,2	n departure												
12/27/07	System running o 3,628,510	on arrival and running of 1.3	n departure.												
01/04/08	System down on 3,635,950	arrival and down on de 0.7	parture.												
01/07/08	System restarted 3,635,950	0.0													
01/18/08	i i	n arrival and departure	n.												
	3,647,250	0.7	W-INF	360	<1.0	<1.0	<1.0	<2.0	500	0.105	<66.2	<0.0006	<5.194	0.152	40,558
			W-INT1	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0			0,000		0.102	10,000
			W-INT2	<50	< 0.50	< 0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	< 0.50	< 0.50	<0.50	<1.0	<5.0						
01/25/08	System down on a 3,653,500	апіva! and running on o 0.6	departure.												
01/27/08	System down on a	arrival and running on o	departure.												
	3,654,200	0.2													
01/31/08	System down on a	arrival and running on o	departure.												
	3,659,910	1,0													
02/08/08	System running or	n arrival and departure													
	3,690,670	2.7													
02/15/08		unning on departure.													
	3,704,620	1.4	W-INF	<50	<10.00	29	<10_00	49	2,400	<0.098	<66.2	<0.0026	<5.196	0.694	41,252
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	14						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
00/00/00	0		W-EFF	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
02/22/08	3,716,980	n arrival and departure 1.2													
02/26/08		n arrival and departure													
	3,722,530	1.0													
03/06/08	System running or 3,738,110	n arrival and departure 1.2													

Former Exxon Service Station 70104

1725 Park Street Alameda, California

Total Average Laboratory Analytical Results TPHg Removed Benzene Removed MTBE Removed Date Flow Flow Rate Sample ID **TPHg** В Ε MTBE Х Per Period Cumulative Per Period Cumulative Per Period Cumulative (gallons) (gpm) (µg/l) (µg/I) (µg/l) $(\mu g/l)$ (µg/l) (µg/l) (lbs) (lbs) (lbs) (lbs) (lbs) (lbs) 03/14/08 System running on arrival and departure. 3,749,150 1.0 03/21/08 System down on arrival and running on departure. 3,757,000 8.0 03/28/08 System down on arrival and running on departure. 3,757,540 0.1 W-INF 120 < 0.50 < 0.50 < 0.50 <1.0 210 0.038 <66.3 <0:0023 <5.199 0.576 41.829 W-INT1 <50 <0.50 < 0.50 < 0.50 <1.0 21 W-INT2 <50 <0.50 < 0.50 < 0.50 <1.0 < 5.0 W-EFF < 50 < 0.50 < 0.50 <0.50 <5.0 <1.0 04/05/08 System running on arrival and departure. 3,757,690 0.0 04/11/08 System running on arrival and down on departure. 3,757,750 0.0 W-INF 370 < 0.50 < 0.50 < 0.50 <1.0 270 0.000 <66.3 <0.0000 <5.199 0.000 41.829 W-INT1 <50 < 0.50 < 0.50 < 0.50 <1.0 24 W-INT2 <50 < 0.50 <0.50 <0.50 <1.0 <5.0 W-EFF <50 <0.50 < 0.50 <0.50 <1.0 < 5.0 04/15/08 System down on arrival and running on departure. 3,757,750 0.0 04/22/08 System running on arrival and departure. 3,761,040 0.3 05/02/08 System running on arrival and departure. 3,769,160 0.6 05/06/08 System running on arrival and departure. 3,774,830 1.0 W-INF 870 <2.5 <2.5 <2.5 <5.0 1,300 0.088 <66.4 < 0.0002 <5.199 0.112 41.941 W-INT1 65 <0.50 < 0.50 < 0.50 86 <1.0 W-INT2 <50 < 0.50 < 0.50 < 0.50 <1.0 <5.0 W-EFF <50 <0.50 < 0.50 < 0.50 <1.0 < 5.0 05/16/08 System running on arrival and departure. 3,785,690 0.8 05/23/08 System running on arrival and departure. 3.788.780 0.3 05/28/08 System running on arrival and departure. 3,790,260 0.2 System running on arrival and departure. 06/03/08 3,795,970 0.7 W-INF 630 <1.0 <1.0 <1.0 <2.0 550 0.132 <66.5 < 0.0003 <5.199 0.163 42.104 W-INT1 82 0.56 <1.4 <0.50 <1.0 17 W-INT2 <50 0.62 1.5 < 0.50 <1.0 < 5.0 W-EFF <50 < 0.50 < 0.50 < 0.50 <1.0 < 5.0 06/13/08 System running on arrival and departure. 3,796,670 0.1 06/17/08 System running on arrival and departure. 3,797,130 0.1

Date	Total Flow	Average Flow Rate	Sample ID		La	boratory A	nalytical Re	sults		TPHg f	Removed	Benzene	Removed	MTBE F	Removed
	(gallons)	(gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
06/23/08		arrival and departure	e.					77.5						1 ()	, and a
	3,797,230	0,0													
07/03/08	_	n arrival and departure	e.												
	3,797,330	0.0													
07/08/08		n arrival and departure	e.												
	3,797,510	0.0	W-INF	640	<2.5	<2.5	<2.5	< 5.0	1,200	0.008	<66.5	<0.0000	<5.199	0.011	42,115
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	77						
			W-INT2	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
07/15/08		arrival and departure													
	3,797,760	0.0	W-INF	<50	2.0	<0.50	<0.50	<1.0	120	< 0.001	<66.5	0.0000	<5.199	0.001	42,117
			W-INT1	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	< 0.50	< 0.50	<0.50	<1.0	<5.0						
07/21/08		arrival and departure	.												
	3,799,120	0,2													
07/29/08		arrival and departure),												
	3,799,560	0.0													
08/08/08		arrival and departure),												
	3,799,950	0.0													
08/15/08		arrival and departure).												
	3,800,390	0.0													
08/22/08		arrival and departure													
	3,800,440	0.0	W-INF	150	4.0	<0.50	<0.50	<1.0	370	0.002	<66.5	0.0001	<5.199	0.005	42,122
			W-INT1	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
08/29/08		arrival and departure	<i>-</i>												
00/05/05	3,801,090	0.1													
09/05/08		arrival and departure													
	3,801,360	0.0	W-INF	570	5.6	<5.0	<5.0	<10	4,700	0.003	<66.5	0.0000	<5.199	0.019	42.142
			W-INT1	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
00/10/00			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
09/12/08		arrival and departure	((
	3,801,700	0.0													
09/19/08		arrival and departure.													
	3,802,220	0.1													
09/26/08	-	arrival and departure													
	3,821,130	1.9													
10/03/08		arrival and departure,													
	3,829,660	0.9													

	Total	Average		1	Lat		imeda, Cali ialytical Re			TPHo I	Removed	Renzene	Removed	I MTDE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	E (µg/l)	X	MTBE	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative
10/10/08	System running o	on arrival and departure		1 (1911)	(Mg/I)	(19/1)	(hg/i)	(µg/l)	(µg/l)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)
	3,836,030	0.6	W-INF	410	<1.0	<1.00	<1.00	<2,0	640	0.142	-00.7	-0.0010	5.000		
	. ,		W-INT1	<50	< 0.50	<0.50	<0.50	<1.0	<5.0	0.142	<66.7	<0.0010	<5,200	0.772	42.914
			W-INT2	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
10/17/08	System running of	n arrival and departure	E-												
	3,842,780	0.7													
10/31/08	System running o	n arrival and departure).												
	3,859,120	0.8													
11/07/08		n arrival and departure	t.												
	3,865,290	0.6													
11/15/08		n arrival and departure	9												
	3,871,710	0,6													
11/17/08		n arrival and departure													
	3,872,707	0.4	W-INF	550	<1.0	<1.0	<1.0	<2.0	940	0.147	<66.8	<0.0003	<5,201	0.242	43.156
			W-INT1	<50	< 0.50	< 0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
11/25/08	Custom rumaine a		W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
11/25/08	3,875,830	n arrival and departure.													
12/05/08		0,3 n arrival and departure.													
12/03/00	3,883,530	0.5													
12/12/08		n arrival and departure.													
	3,887,570	0.4	W-INF	180	<0.50	<0.50	<0.50	<1.0	280	0.045	-00.0	10.0001	-5.004		
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0,045	<66.9	<0,0001	<5.201	0.076	43.231
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
12/16/08	System running or	n arrival and departure.			- 11	0,00	-0,00	41,0	40.0						
	3,891,390	0.7													
12/24/08	System running or	n arrival and departure,													
	3,892,540	0.1													
01/02/09	System running on	arrival and departure.													
	3,912,840	1.6													
01/09/09		arrival and departure.													
	3,921,110	0,8	W-INF	63	<0.50	< 0.50	< 0.50	<1.0	310	0.034	<66.9	< 0.0001	<5,201	0.083	43.314
			W-INT1	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
01/16/09		arrival and departure.													
24/00/00	3,923,430	0,2													
01/20/09		arrival and departure,													
	3,928,540	0,9													

Former Exxon Service Station 70104

1725 Park Street

Date	Total Flow	Average Flow Rate	Sample ID			poratory Ar	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	(gallons)	(gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
01/30/09	System running	on arrival and departur	е						THE STATE OF THE S		(211-24)				
	3,939,740	0.8													
02/06/09		on arrival and departur	e.												
	3,947,850	8.0													
02/13/09		on arrival and departure	e.												
	3,955,300	0.7	W-INF	97	<0.50	<0.50	<0.50	<1.0	400	0.023	<66.9	< 0.0001	<5.201	0.101	43,415
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	< 5,0						
			W-INT2	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
02/20/09		arrival and departure.													
00/07/05	3,961,760	0,6													
02/27/09		arrival and departure													
00/00/00	3,961,760	0.0													
03/06/09		on arrival and departure	e.												
03/40/00	3,969,890	0,8													
03/10/09		arrival and running on	departure.												
03/13/09	4,385,120	0.2													
03/13/09		on arrival and departure													
	3,989,370	1.9	W-INF	310	1,5	<0.50	<0.50	1.6	410	0.058	<67.0	0.0003	<5.201	0.115	43,530
			W-INT1	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
03/20/09	System running s	on arrival and departure	W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
03/20/09	3,999,140	1.0	3,												
03/23/09	, , , , , ,	n arrival and departure													
00/20/00	3,999,870	0.2	3:												
03/31/09		n arrival and departure	2												
00/01/00	4,009,710	0.9	.												
04/07/09		n arrival and departure	2												
	4,015,770	0.6	W-INF	360	<0.50	<0.50	<0.50	<1.0	490	0.074	407.0	-0.0000	-E 000	0.000	40.000
	1,010,170	5.0	W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0.074	<67.0	<0.0002	<5.202	0.099	43,629
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
04/17/09	System running o	n arrival and departure			0.00	-0,00	40,00	-1.0	45.0						
	4,030,486	1.0													
04/29/09	System running o	n arrival and departure).												
	4,047,450	1.0													
05/01/09		n arrival and departure) ₌												
	4,057,140	3.4													
05/08/09	System running o	n arrival and departure													
	4,064,660	0.8													

Former Exxon Service Station 70104

1725 Park Street

Date	Total	Average			Lat	poratory Ar	alytical Re	sults		TPHg I	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	É (µg/l)	Х (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period	Cumulative (lbs)
05/15/09	System running of	on arrival and departu	re.			40	11.00	457	11-3-7	(.00)	(100)	1 (103)	(103)	1 (103)	(105)
	4,070,650	0.6	W-INF	360	<0.50	< 0.50	< 0.50	<1.0	470	0.165	<67.2	<0.0002	<5.202	0.220	42.040
			W-INT1	<50	< 0.50	<0.50	<0.50	<1.0	<5.0	0.100	-07-2	~0.0002	\5.202	0.220	43,849
			W-INT2	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
05/22/09	System running of	on arrival and departur	e.												
	4,075,430	0.5													
05/29/09		on arrival and departur	e.												
	4,077,470	0.2													
06/05/09		on arrival and departur	e.												
	4,083,490	0.6													
06/11/09		on arrival and departur	e.												
	4,094,140	1.2	W-INF	<50	<0.50	<0.50	< 0.50	<1.0	700	<0.040	<67.2	< 0.0001	<5,202	0.115	43.964
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	< 0.50	0.69g	<0,50	3.4	<5.0						
06/12/09		arrival and running on	departure.												
	4,095,170	0.7													
06/19/09		n arrival and departure	Э.												
*****	4,104,580	1.9													
06/26/09		n arrival and departure	∍												
20100100	4,112,860	0,8													
06/29/09		n arrival and departure	9												
07/40/00	4,116,600	0.9													
07/10/09		n arrival and departure	98												
07/47/00	4,129,920	0.8													
07/17/09		n arrival and departure													
	4,137,560	8.0	W-INF	160	<2.5	<2.5	<2.5	< 5.0	220	0.038	<67.3	< 0.0005	<5.202	0.167	44.130
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
07/24/09	Custom sumine a		W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
07724709		n arrival and departure													
07/31/09	4,145,570	8.0													
07/31/09	4,152,830	n arrival and departure	L D												
08/04/09		0.7													
06/04/09	4,157,350	n arrival and departure													
	4,107,300	0,8	W-INF	260	1.3	1.0	< 0.50	1.4g	340	0.035	<67.3	0.0003	<5.203	0.046	44.177
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
08/14/09	Custom running	a manifestal mental alam materials	W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
00/14/05		arrival and departure													
	4,167,720	0.7													

Former Exxon Service Station 70104

1725 Park Street

Date	Total Flow	Average Flow Rate	Sample ID		Lai	oratory Ar	nalytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	(gallons)	(gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
08/21/09	System running of	on arrival and departu	ıre.												A. Visitadi.
	4,175,880	0.8													
08/28/09	System running of	on arrival and departu	ле.												
	4,183,940	0.8													
09/04/09	System running of	on arrival and departu	ıre,												
	4,190,890	0.7													
09/11/09	System running of	on arrival and departu	ire.												
	4,198,820	0.8													
09/14/09	System running of	n arrival and departu	ire.												
	4,202,640	0.9	W-INF	1,300	3.8g	<2.5	<2.5	<5.0	2,200	0,295	<67,6	0.0010	<5.204	0.480	44,657
			W-INT1	<50	< 0.50	< 0.50	< 0.50	<1_0	<5.0						
			W-INT2	<50	< 0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	< 0.50	<0.50	< 0.50	<1.0	< 5.0						
09/25/09	System down on	arrival and running o	n departure.												
	4,224,590	1.4													
10/02/09	System down on	arrival and running or	n departure.												
	4,236,600	1,2													
10/15/09	System running o	n arrival and down or	n departure for carb	on changeout	66										
	4,260,050	1,3	W-INF	380h	<2.5	<2.5	<2.5	<5.0	670	0.402	<68.0	< 0.0015	<5.205	0.687	45.344
			W-INT1	<50	< 0.50	<0.50	<0.50	<1.0	9.1						
			W-INT2	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
10/19/09	System down on a	arrival and running or	n departure.												
	4,260,050	0,0													
10/30/09		arrival and running or	n departure.												
	4,260,050	0.0													
11/06/09		n arrival and departu													
	4,260,660	0.1	W-INF	73h	5.4	<2.5	<2.5	<5.0	58	0.001	<68.0	0.0000	<5.205	0.002	45,346
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
11/13/09		n arrival and departur	re.												
	4,260,670	0.0													
11/20/09		arrival and running or	departure.												
	4,261,910	0.1													
11/25/09		n arrival and departur	e.												
	4,265,320	0_5													
12/04/09		rrival and running on	departure.												
	4,278,560	1.0													
12/11/09	-	rrival and departure.													
	4,280,560	0.2													

Former Exxon Service Station 70104

1725 Park Street Alameda, California

	Total						meda, Cali								
Date	Total Flow	Average Flow Rate	Sample ID		Lat	oratory An	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
	(gallons)	(gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulativ (lbs)
12/18/09	System down on	arrival and departure.													
	4,280,650	0.0	W-INF	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<0.010	<68.0	<0.0005	<5,206	<0.005	<45,351
			W-INT1	<50	< 0.50	<0.50	<0,50	<1.0	<5.0				10.00		
			W-INT2	<50	< 0.50	< 0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0						
12/23/09	System down on	arrival and departure.													
	4,280,660	0.0													
12/31/09	System down on	аrrival and departure.													
	4,280,660	0.0													
01/08/10	System running o	n arrival and departure.													
	4,284,140	0.3													
01/15/10	System running o	n arrival and departure,													
	4,288,090	0.4	W-INF	300h	<0.50	< 0.50	<0.50	<1.0	450	0.011	<68.0	<0.0000	<5,206	0.014	<45.365
			W-INT1	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0				0,200	0,011	170,000
			W-INT2	<50	< 0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
01/22/10	System running of	n arrival and departure.													
	4,291,420	0.3													
01/29/10	System running or	n arrival and departure.													
	4,294,656	0.3													
02/05/10	System running or	n arrival and departure.													
	4,297,890	0.3													
02/12/10	System running or	n arrival and departure.													
	4,301,320	0.3	W-INF	<50	<0.50	<0.50	<0.50	<1.0	110	<0.019	<68.1	<0.0001	<5.206	0.031	<45.396
			W-INT1	<50	<0.50	<0.50	< 0.50	<1.0	<5.0			0.000	0.200	3.001	
			W-INT2	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0						
02/19/10	System running or	arrival and departure.													
	4,331,510	3.0													
02/26/10	System running or	arrival and departure.													
	4,358,820	2.7													
03/06/10	System down on a	rrival and running on de	eparture.												
	4,384,020	2.2					14								
03/09/10	System down on a	rrival and running on de	eparture												
	4,384,970	0.2													
03/10/10	System down on a	rrival and running on de	eparture.												
	4,385,120	0.1													
03/12/10	System running or	arrival and departure.													
	4,393,310	1.9													

Date	Total Flow	Average	Compt. ID		Lal	oratory Ar	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	(gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	Ε (μg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (fbs)
03/19/10	System running	on arrival and departu	ле.						How To I				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 (1110)	(100)
	4,425,590	3,2	W-INF	1,100	8,5	<5,0	<5.0	<10	1,700	0.596	<68.7	0.0047	<5,210	0,938	<46,334
			W-INT1	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0				.,	-,	.0,00
			W-INT2	<50	< 0.50	<0,50	<0.50	<1.0	<5.0						
00/00/40			W-EFF	<50	<0,50	<0.50	<0.50	<1.0	<5.0						
03/26/10		on arrival and departu	ire.												
04/02/40	4,457,600	3.2													
04/02/10		on arrival and departu	ire.												
04/07/10	4,477,070	1.9	- 44												
04/0//10	4,489,430	on arrival and down o	n departure.												
04/16/10		1.7	- donost												
04/10/10	4,489,500	arrival and running of 0.0	n departure.												
04/23/10	· ·	o.o on arrival and departu	re.												
04720710	4,518,760	2.9	W-INF	950h	<5.0	<5.0	-5.0	.40	4 400						
	1,010,100	2.0	W-INT1	120h	<0.50	<0.50	<5.0	<10	1,400	0.797	<69.5	<0.0052	<5.216	1,205	<47.539
			W-INT2	<50	<0.50	<0.50	<0.50 <0.50	<1.0	180						
			W-EFF	<50	<0.50	<0.50	< 0.50	<1.0 <1.0	<5.0 <5.0						
04/30/10	System down on	arrival and departure.				40,00	40,00	1,0	~O.O						
	4,545,880	2,7													
05/05/10	System down on	arrival and running or	n departure.												
	4,546,150	0.0													
05/07/10	System running o	n arrival and departu	re.												
	4,552,010	2.0													
05/14/10		n arrival and departui	e.												
	4,572,650	2.1	W-INF	1,000h	<5.0	<5.0	<5.0	<10	1,400	0.438	<69.9	<0.0022	<5,218	0,629	<48.169
			W-INT1	340h	<0.50	<0.50	< 0.50	<1.0	420						
			W-INT2	<50	<0.50	< 0.50	<0.50	<1.0	<5.0						
05/01/15	,		W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
05/21/10		n arrival and departur	e.												
05/28/10	4,592,460	1.8													
03/20/10	4,611,710	n arrival and departur 1,9	e.												
06/04/10		।.ਚ n arrival and departur													
00/04/10	4,631,150	1.9	e.												
06/09/10		n arrival and departur	۵												
	4,642,820	1.6	C.												
06/18/10		n arrival and departur	e.												
	4,663,990	2,5	W-INF	650h	<2.5	<2.5	<2.5	<5.0	950	0.629	-70 F	-0.0000	-E 004	0.005	.40.001
	= 1 -	708	W-INT1	500h	<2.5	<2.5	<2.5	<5.0 <5.0	760	0.029	<70.5	<0.0029	<5.221	0.895	<49,064
			W-INT2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0 <5.0						
						0.00	.0.00	- 1.0	-0.0						

Date	Total	Average		T	Lai	oratory Ar	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
06/23/10	System running	on arrival and depa	arture.				11.3.3		1107	1 1.227	Visit	1 (100)	(100)	(100)	(100)
	4,675,290	1.0													
06/30/10	System running	on arrival and depa	arture,												
	4,691,220	1.6													
07/07/10	System running	on arrival and depa	arture,												
	4,706,210	1.5													
07/14/10	System running	on arrival and depa	arture,												
	4,720,680	1.4	W-INF-HT	710h	<2.5	<2.5	<2.5	<5.0	1,000	0.322	<70.8	< 0.0012	<5.222	0,461	<49.525
			W-OUT-WC1	450h	<2.5	<2.5	<2.5	< 5.0	670	0.022	110.0	10,0012	-0,222	0,401	~45 ,525
			W-OUT-WC2	<50	< 0.50	<0.50	<0.50	<1.0	<5.0						
			W-PSP-1	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0						
07/22/10	System running of	on arrival and depa	arture,												
	4,735,260	1.3													
07/29/10	System running of	on arrival and depa	arture.												
	4,747,631	1.2													
08/03/10	System running of	on arrival and depa	arture.												
	4,755,840	1.1													
08/11/10	System running of	on arrival and depa	irture,												
	4,767,777	1.0	W-INF-HT	670h	<2.5	<2,5	<2.5	<5.0	750	0.271	<71.1	<0.0010	<5,223	0.344	<49.869
			W-OUT-WC1	490 h	<2.5	<2.5	<2.5	<5.0	620				0,110	0.011	470.000
			W-OUT-WC2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-PSP-1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
08/17/10	System running of	on arrival and depa	rture.												
	4,775,300	0.9													
08/24/10	System running of	on arrival and depa	rture.												
	4,781,750	0.6													
09/01/10	System running of	on arrival and depa	rture												
	4,786,540	0.4													
09/09/10	System running o	on arrival and depa	rture.												
	4,789,970	0.3	W-INF-HT	980h	<2.5	<2.5	<2.5	<5.0	990	0.153	<71.3	< 0.0005	<5.223	0.161	<50.030
			W-OUT-WC1	500h	<2.5	<2.5	<2.5	<5.0	560					251.2.2	
			W-OUT-WC2	<50	<0.50	<0.50	< 0.50	<1.0	<5.0						
			W-PSP-1	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0						

Notes:		# Mingling in his land and the state of the
NOTES.		* If value is below laboratory detection limit, then detection limit value is used for removal calculations.
		Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
W- INF/W-INF-HT	=	Water sample collected at the influent sample port
W-INT1/WC-OUT-WC	=	Water sample collected at the intermediate 1 sample port.
W-INT2/WC-OUT-WC	; =	Water sample collected at the intermediate 2 sample port.
W-EFF/W-PSP#1	=	Water sample collected at the effluent sample port. Also referred to as PSP#1 for reporting purposes.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified)/8015B or LUFT GCMS.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 5030/8021B or 624.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8020/8021B.
gal	=	Gallons.
gpm	=	Gallons per day,
μg/L	=	Micrograms per liter.
lbs	=	Pounds.
<	=	Less than the stated laboratory method reporting limit.
	=	Not sampled/Not analyzed/Not recorded/Not measured/Not calculated/Not applicable.
а	=	Incorrect sample date is shown on laboratory report. The correct date is shown on table.
b	E	Estimated value above laboratory equipment calibration range.
С	=	Analyte detected in associated Method Blank.
d 3	==	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
e	=	Samples exceeded the EPA recommended temperature for analyses.
f	=	Sample analyzed past EPA recommended hold time.
g	=	Analyte presence was not confirmed by second column or GC/MS analysis.
	=	The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
		cample smalled rapidly pattern for tren does not match the chromatographic pattern of the specified standard.

APPENDIX A

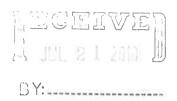
LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS





July 19, 2010

Paula Sime Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312



Subject:

Calscience Work Order No.: 10-07-1150

Client Reference:

ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/16/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile & e Sain

Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 •

FAX: (714) 894-7501

Case Narrative

Work Order # 10-07-1150 Modified EPA TO-14A or EPA TO-15

EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	Full List Analysis: Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S









Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

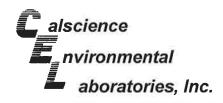
Date Received: Work Order No: Preparation: Method: 07/16/10 10-07-1150 N/A EPA TO-3M

Project: ExxonMobil 70104 / 022506

Page 1 of 1

Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG		10-07-1150-1-A	07/14/10 13:00	Air	GC 13	N/A	07/16/10 11:37	100716L01
Parameter Parameter	Result	<u>RL</u>	DF	Qual	Units			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-OUT-VC2		10-07-1150-2-A	07/14/10 13:15	Air	GC 13	N/A	07/16/10 12:23	100716L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-OUT-VC1		10-07-1150-3-A	07/14/10 13:30	Air	GC 13	N/A	07/16/10 12:31	100716L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-INF-VC0		10-07-1150-4-A	07/14/10 13:45	Air	GC 13	N/A	07/16/10 12:41	100716L01
Paramete <u>r</u>	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
Method Blank		098-01-005-2,426	N/A	Air	GC 13	N/A	07/16/10 09:05	100716L01
Parameter	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

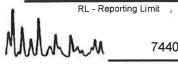




Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: Units: 07/16/10 10-07-1150 N/A EPA TO-15M mg/m3

											•
Project: ExxonMobil 701	04 / 0225	06								Pa	ge 1 of 2
Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ I Analy		QC Batch II
V-DSCHG			10-07	'-1150-1-A	07/14/10 13:00	Air	GC/MS HH	N/A	07/17 03:		100716L01
Comment(s): -The method has bee	n modified to	use Tedla	ar bags	instead of S	Summa Canisters	3.					
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	<u>DF</u>	Qual
Benzene	ND	0.0016	1		Xylenes (total)			0.053	0.0087	1	
Foluene	0.033	0.019	1	•	Methyl-t-Butyl I	Ether (MT	BE)	ND	0.0072	1	U
Ethylbenzene	0.0087	0.0022	1						0.00.0	•	
Surrogates:	REC (%)	_	Qı	<u>ual</u>	Surrogates:			REC (%)	Control Limits	<u>C</u>	Qual
.4-Bromofluorobenzene	108	57-129			1.2-Dichloroeth	nane-d4		94	47-137		
oluene-d8	104	78-156			.,						
V-OUT-VC2			10-07	-1150-2-A	07/14/10 13:15	Air	GC/MS HH	N/A	07/17 03:		100716L01
Parameter Benzene Coluene Ethylbenzene Surrogates: ,4-Bromofluorobenzene	Result ND 0.035 0.0075 REC (%) 108	RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156	<u>DF</u> 1 1 1 <u>Q</u> u	<u>Qual</u> U <u>ual</u>	Parameter Xylenes (total) Methyl-t-Butyl E Surrogates: 1,2-Dichloroeth	·	BE)	Result 0.045 ND REC (%)	0.0087 0.0072 Control Limits 47-137	<u>DF</u> 1 1	<u>Qual</u> U Qual
V-OUT-VC1	110	70-130	10-07	-1150-3-A	07/14/10 13:30	Air	GC/MS HH	N/A	07/17 04:		100716L01
Comment(s): -The method has bee	n modified to	use Tedla	r baos	instead of S	umma Canisters	i.					
arameter	Result	RL.	DF	Qual	Parameter			Result	RL	DF	Qual
enzene	ND	0.0016	1	U	Xylenes (total)			0.047	0.0087	1	
oluene	0.036	0.0010	1	•	Methyl-t-Butyl E	Ether (MTI	BE)	ND	0.0072	1	U
thylbenzene	0.0077	0.0022	1				,		J. Q Q / L	'	-
urrogates:	REC (%)	Control Limits	<u>Qι</u>	<u>ıal</u>	Surrogates:			REC (%)	Control Limits	<u>C</u>	<u>)ual</u>
.4-Bromofluorobenzene	109	57-129			1,2-Dichloroeth	ane-d4		95	47-137		
oluene-d8	104	78-156			-,						
oldono do		. 5 . 5 0									



DF - Dilution Factor



Units:



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 07/16/10 10-07-1150 N/A EPA TO-15M mg/m3

					Omico.						
Project: ExxonMobil 70104	4 / 0225	06								Pag	ge 2 of 2
Client Sample Number				b Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
V-INF-VC0			10-07-	I150-4-A	07/14/10 13:45	Air	GC/MS HH	N/A	07/17 05:		100716L01
Comment(s): -The method has been	modified to	use Tedla	ar bags in	nstead of S	Summa Canisters						
<u>Parameter</u>	Result	RL	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Benzene	0.0022	0.0016	1		Xylenes (total)			0.053	0.0087	1	
Toluene	0.035	0.019	1		Methyl-t-Butyl E	ther (MT	3E)	0.013	0.0072	1	
Ethylbenzene	0.0087	0.0022	1								
Surrogates:	REC (%)	Control	Qua	<u>l</u>	Surrogates:			REC (%)		<u>C</u>	<u>}ual</u>
		Limits							<u>Limits</u>		
1,4-Bromofluorobenzene	111	57-129			1,2-Dichloroeth	ane-d4		96	47-137		
Toluene-d8	105	78-156									
Method Blank			099-12	-983-842	N/A	Air	GC/MS HH	N/A	07/16 20:		100716L01
Parameter	Result	RL	DF	Qual	<u>Parameter</u>			Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl E	ther (MT	BE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U		•	•				
Surrogates:	REC (%)	Control Limits	Qua	<u>l</u>	Surrogates:			REC (%)	Control Limits	<u>C</u>	<u>tual</u>
1,4-Bromofluorobenzene	107	57-129			1,2-Dichloroetha	ane-d4		92	47-137		
Toluene-d8	103	78-156									





Quality Control - Duplicate

Date Received: Work Order No: 07/16/10

10-07-1150 N/A

EPA TO-3M

Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Preparation: Method:

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-07-1146-2	Air	GC 13	N/A	07/16/10	100716D01
<u>Parameter</u>	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	62	59	4	0-20	



Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-07-1150 N/A EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Dat Analy		LCS/LCSD Batc Number	h
099-12-983-842	Air	GC/MS HH	N/A	07/16/	10	100716L01	
Parameter	LCS 9	6REC LCSE) %REC	REC CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	91	9	1	60-156	0	0-40	
Toluene	97	89	9	56-146	9	0-43	
Ethylbenzene	99	88	3	52-154	12	0-38	
p/m-Xylene	96	86	3	42-156	10	0-41	
o-Xylene	100	87	7	52-148	13	0-38	

MM



Glossary of Terms and Qualifiers



Work Order Number: 10-07-1150

Qualifier *	Definition See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
В	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental

7440 Lincoln Way

Phone: 714-895-5494

Fax: 714-894-7501



Environmental Garden Grove, CA 92841 Laboratories, Inc.

Consult	tant Name	: Environm	ental Res	olutions, Inc.				_									A	cco	unt	#:	NA				PO	#:	4508	883534						
Consultan	t Address	601 North	McDowe	ell Blvd													_ Ir	voi	се Т	го:	Jenn	fer C. Se	dlach	nek						_		_		
Consultant City	/State/Zip	Petaluma	, Californ	ia 94954													_					Sime												
ExxonMobil Pr	roject Mgr	Jennifer	C. Sedla	chek												F						06 11X (A	Month	ılv)								_	_	
Consultant Pr	roject Mgr	: Paula Sin	ne												Ex					_	7010			_,,		_	Mai	jor Proj	ect (Al	FF #	<u> </u>			
Consultant Telephon	e Number	(707) 766	-2000				Fa	x No	.: (7	07)	789-0	0414	4	_						-		Park Str	eet			_		10,110,	901 (7.1		-	_	_	
Sampler Na	me (Print)	1 (3	سره	~~								70-77			Sit	=0						eda, Cali								-				
Sampler	Signature	2 N	en	~														t Ag		_												_		
<u></u>		0						× 2		Pre	serv	ativ	e "	1420		- 1		Mat			-		_		Analy	/ze F	or:		1111	=				
Sample ID V-DSCHG V-OUT-VC2 V-OUT-VC1 V-INF-VC0	VEFF VC2 VC1 VC0	Date Sampled	1345 1345	1L Tedlar 1L Tedlar 1L Tedlar 1L Tedlar	X X X Srab	Composite	Field Filtered		Sodum bisurate HCI (Blue Label)	(jeq	H-SO, Glass (Yellow Label)	rame!)		Other	X X X None (Black Label)	Westernates	iler	- 06	Soil	x x x	Other (specify):	× × × TPHg/BTEX/MTBE									3	X X X X X X X X X X X X X X X X X X X	Statingto 10-usy 171	Due Date of Report
Comments/Special Instructions: GLOBAL ID # (T0600100555) Relinquished by:			ite (5	mg/m3 unit to	+	Rece	ved I	m			40				CAL	Date	SIDE	1	Fime	10 <u>M</u>	QC D Level Level	3	ture I Conta ree of	Upon iners Head	Rece Intaci Ispaci	t? :e?				Y		NN		
J Hermm Relinquished by: V-Omply +0GS	0	. 1	ho	7730		Xece.	vet t	tu	e pe	rgon	.333.360	C	ور		7/.	Date //	5	1	las	1	Level Site S Proje	4 ipecific - il ct Manage	fyes, erora	pleasi	e attac	ch pr	e-sche	edule w/ ons	TestAr	neric	a			



<WebShip>>>>>

800-322-5555 www.gso.com

Ship From: ALAN KEMP CAL SCIENCE- CONCORD

5063 COMMERCIAL CIRCLE #H CONCORD, CA 94520

Ship To:

SAMPLE RECEIVING

CEL

7440 LINCOLN WAY

GARDEN GROVE, CA 92841

COD:

\$0.00

Reference:

ERI

Delivery Instructions:

Signature Type: SIGNATURE REQUIRED

Tracking #: 5145557 514555774

GARDEN GROVE

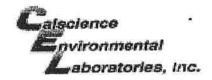
D92843A



Print Date: 07/15/10 16:39 PM

Package 1 of 1

NPS

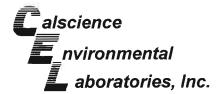


WORK ORDER #: 10- □ □ □ □ □

SAMPLE RECEIPT FORM

Box <u>l</u> of <u>l</u>

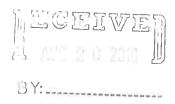
CLIENT:
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C − 6.0 °C, not frozen) Temperature °C + 0.5 °C (CF) = °C
CUSTODY SEALS INTACT:
Box □ □ No (Not Intact) □ Not Present □ N/A Initial: NC □ Sample □ □ No (Not Intact) □ Not Present □ N/A Initial: NC □ Not Present □ Not Present □ Not Initial: NC □ Not Present □ Not Present □ Not Initial: NC □ Not Present □ Not Present □ Not Present □ Not Present □ N/A □ Initial: NC □ Not Present □ Not Pres
SAMPLE CONDITION: Yes No N/A
Chain-Of-Custody (COC) document(s) received with samples
COC document(s) received complete
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.
Sampler's name indicated on COC
Sample container label(s) consistent with COC
Sample container(s) intact and good condition
Proper containers and sufficient volume for analyses requested
Analyses received within holding time
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours
Proper preservation noted on COC or sample container
☐ Unpreserved vials received for Volatiles analysis
M · ·
Volatile analysis container(s) free of headspace





August 16, 2010

Paula Sime Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312



Subject:

Calscience Work Order No.: 10-08-0959

Client Reference:

ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/12/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Pecill & e Soin

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 •

FAX: (714) 894-7501

Case Narrative

Work Order # 10-08-0959 Modified EPA TO-14A or EPA TO-15

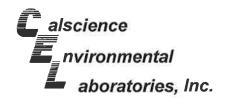
EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	Full List Analysis: Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S









Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received:

08/12/10 10-08-0959

Petaluma, CA 94954-2312

Work Order No: Preparation: Method:

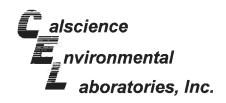
N/A **EPA TO-3M**

Project: ExxonMobil 70104 / 022506

Page 1 of 1

Client Sample Number V-DSCHG		Lab Sample	Date/Time			Date	Date/Time	
V-DSCHG		Number	Collected	Matrix	Instrument	Prepared	Analyzed	QC Batch ID
		10-08-0959-1-A	08/11/10 09:30	Air	GC 13	N/A	08/12/10 11:34	100812L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-OUT-VC2		10-08-0959-2-A	08/11/10 09:45	Air	GC 13	N/A	08/12/10 11:53	100812L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-OUT-VC1		10-08-0959-3-A	08/11/10 10:00	Air	GC 13	N/A	08/12/10 12:02	100812L01
Parameter Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-INF-VC0		10-08-0959-4-A	08/11/10 10:15	Air	GC 13	N/A	08/12/10 12:11	100812L01
		<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
Parameter Parameter	Result							
	<u>Result</u> ND	5.7	1	U	mg/m3			
Parameter TPH as Gasoline Method Blank		5.7 098-01-005-2,518	1 N/A	U Air	mg/m3	N/A	08/12/10 09:10	100812L01
TPH as Gasoline						N/A		100812L01
<u>Parameter</u>	Result							







Environmental Resolutions, Inc.

601 North McDowell Blvd. Petaluma, CA 94954-2312 Date Received:

Work Order No:

Preparation:

Method: Units:

08/12/10 10-08-0959 N/A

EPA TO-15M

					Units:						mg/m3
Project: ExxonMobil 701	04 / 0225	06								Pa	ge 1 of 2
Client Sample Number			\L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch II
V-DSCHG			10-08	-0959-1-A	08/11/10 09:30	Air	GC/MS AA	N/A	08/12 21:		100812L01
Comment(s): -The method has bee	en modified to	use Tedla	ar bags	instead of S	Summa Canisters	i.					
<u>Parameter</u>	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	DF	<u>Qual</u>
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Foluene	ND	0.019	1	U	Methyl-t-Butyl E	Ether (MT	BE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U			•				
Surrogates:	REC (%)	Control	Qu	al	Surrogates:			REC (%)	<u>Control</u>	<u>C</u>	<u>Qual</u>
		<u>Limits</u>							Limits		
,4-Bromofluorobenzene	100	57-129			1,2-Dichloroeth	ane-d4		98	47-137		
Foluene-d8	99	78-156									
V-OUT-VC2			10-08	-0959-2-A	08/11/10 09:45	Air	GC/MS AA	N/A	08/13 01:		100812L01
Parameter Benzene Foluene Ethylbenzene Burrogates: I,4-Bromofluorobenzene Foluene-d8	Result ND ND ND REC (%) 102	RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156	DF 1 1 2 Qu		Parameter Xylenes (total) Methyl-t-Butyl E Surrogates: 1,2-Dichloroeth	ane-d4	,	Result ND ND REC (%)	<u>Limits</u> 47-137		Qual U U Qual
V-OUT-VC1			10-08-	-0959-3-A	08/11/10 10:00	Air	GC/MS AA	N/A	08/13 02:4		100812L01
Comment(s): -The method has bee	n modified to	use Tedla	r bags i	instead of S	umma Canisters						
Parameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	RL	<u>DF</u>	<u>Qual</u>
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1	U
oluene	ND	0.0010	i	Ü	Methyl-t-Butyl E	Ether (MTI	3E)	ND	0.0072	1	Ū
Ethylbenzene	ND	0.0022	1	Ū	,,	,	•		_		
Surrogates:	REC (%)	Control Limits	Qu	<u>al</u>	Surrogates:			REC (%)	Control Limits	<u>C</u>	<u>Qual</u>
,4-Bromofluorobenzene	102	57-129			1,2-Dichloroeth	ane-d4		102	47-137		
oluene-d8	101	78-156			.,_ 2.00.0001						
VIUGIIG-UU		.0 100									



RL - Reporting Limit , DF - Dilution Factor





Environmental Resolutions, Inc.

601 North McDowell Blvd. Petaluma, CA 94954-2312 Date Received:

Work Order No:

Preparation:

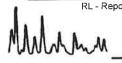
Method: Units: 08/12/10

10-08-0959

N/A

EPA TO-15M mg/m3

Project: ExxonMobil 70104	1 / 0225	06								Pag	ge 2 of 2
Client Sample Number				o Sample lumber	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/1 Analy		QC Batch ID
V-INF-VC0			10-08-0	959-4-A	08/11/10 10:15	Air	GC/MS AA	N/A	08/13 03:2		100812L01
Comment(s): -The method has been	modified to	use Tedla	ır bags in	stead of S	umma Canisters						
Parameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	RL	DF	<u>Qual</u>
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Toluene	ND	0.019	1	Ų	Methyl-t-Butyl E	ther (MTI	BE)	0.0097	0.0072	1	
Ethylbenzene	ND	0.0022	1	U							
Surrogates:	REC (%)	Control Limits	Qua		Surrogates:			REC (%)	Control Limits	<u> </u>	<u>lual</u>
1,4-Bromofluorobenzene	102	57-129			1,2-Dichloroeth	ane-d4		102	47-137		
Toluene-d8	99	78-156									
Method Blank			099-12-	983-915	N/A	Air	GC/MS AA	N/A	08/12 16:3		100812L01
Parameter	Result	RL	<u>DF</u>	Qual	Parameter			Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl E	ther (MTI	3E)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U							
Surrogates:	REC (%)	Control Limits	<u>Qual</u>	Į.	Surrogates:			REC (%)	Control Limits	<u> </u>	<u>lual</u>
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroeth	ane-d4		95	47-137		
Toluene-d8	98	78-156									





Quality Control - Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 08/12/10 10-08-0959 N/A EPA TO-3M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-08-0922-1	Air	GC 13	N/A	08/12/10	100812D01
<u>Parameter</u>	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	22	22	0	0-20	

RPD - Rela



Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-08-0959 N/A EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instru	ment	Date Prepare	Da d Anal		LCS/LCSD Bate Number	h
099-12-983-915	Air	GC/M	S AA	N/A	08/12	2/10	100812L01	
Parameter	LCS	%REC	LCSD %	REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93		95		60-156	1	0-40	
Toluene	94		94		56-146	0	0-43	
Ethylbenzene	92		93		52-154	0	0-38	
p/m-Xylene	89		90		42-156	1	0-41	
o-Xylene	92		93		52-148	1	0-38	





Glossary of Terms and Qualifiers



Work Order Number: 10-08-0959

Qualifier *	<u>Definition</u> See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
В	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
1	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental

7440 Lincoln Way

Phone: 714-895-5494

Garden Grove, CA 92841

Fax: 714-894-7501



Laboratories, Inc.

Consulta	nt Name:	Environme	ntal Res	olutions, Inc.													-	Acco	ount	t #:	NA				PO	# : •	4508883534					
Consultant	Address:	601 North	McDowe	ll Blvd													_,	nvoi	ice 1	то: То:	Jenni	fer C. Se	diache	ek								
Consultant City/S	State/Zip:	Petaluma,	Californi	a 94954													_					Sime										
ExxonMobil Pro	ject Mgr:	Jennifer C	. Sedlad	hek													Pro	ect	Nan	ne:	0225	06 11X (N	/lonthi	у)								
Consultant Pro	ject Mgr:	Paula Sime	•												Ex	xor	ιMo	bil S	Site	#:	7010)4					Major Project (A	FE#):			
Consultant Telephone	Number:	(707) 766-2	2000				Fa	x No	.: <u>(</u> 7	07) 7	789-	0414	4				Site	e Ad	ldre	ss:	1725	Park Stre	eet									
Sampler Nan	ne (Print):	J 4	Lev	mm					12.1-						Si	te C	ity,	Stat	te, Z	ip:	Alam	eda, Cali	fornia									
Sampler S	ignature:	PV	سما	مممه											C)vei	rsigl	ht A	gen	cy:												
		0						36%		Pre	sen	ativ	e :		A			Ma	trix			Marine Service	T.W.		naly	/ze F	or:					
Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	an	Sodium Bisulfate HCI (Blue Label)	H (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	HNO ₃ (Red Label)	901	Other	None (Black Label)	Groundwater	Wastewater	Sludge	Soll	Air	Other (specify):	TPHg/BTEX/MTBE TO-3M + TO-15M							RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
V-DSCHG	VEFF	Sluln	630	1L Tedlar	х					H	+	+	+	Н	7	+	+	+	1	x		X	\vdash	╁	\vdash	Н		1	<u> </u>	X	8	D
V-OUT-VC2	VC2	10/2 A116	qus	1L Tediar	X			H	\dagger	H	+	\dagger	†	H	Ĵ	\forall	\dagger	t	t	x		x	\vdash	+	\vdash	Н		T		x	7	
V-OUT-VC1	VC1		1000	1L Tedlar	-			Н	†	H	7	†	✝	H	x	1	\forall	$^{+}$	t	x		x	\vdash	+	\vdash	H		\dashv	\dashv	x	\dashv	
V-INF-VC0	VCO	d	1015				\vdash	H	\dagger	H	7	+	t	Н	T	+	+	$^{+}$	╁	x		x	H	+	\vdash	H		\dashv	\neg	x		
V SINI S V O	100	-	1.0	7L Toular	Ŷ			H	+	H	+	+	+	H	7	+	\forall	+	┢	ŕ	_	<u> </u>	\vdash	╁	\vdash	H		\dashv	\dashv	^	\dashv	
	 				Н		_	H	+	Н	+	+	+	H	+	┪	+	┿	╁	Н				+	\vdash	Н		\dashv	-	\dashv	\dashv	
								H	$^{+}$	Н	+	\dagger	t	H	+	+	+	+	╁	Н	-	_	\vdash	+	\vdash	H		\dashv	\dashv	\dashv	\dashv	
	1					_	\vdash	Н	+	Н	\dashv	+	+	H	┪	\forall	\dashv	+	╁	H	\vdash		\vdash	+	\vdash	Н		-	\neg	\dashv	\dashv	
					Н	-	-	H	+	H	\forall	$^{+}$	t	Н	+	\forall	\dashv	+	╁	H	\vdash		H	+	\vdash	Н		Н	\dashv	\dashv	\dashv	
Comments/Special Instructions: GLOBAL ID # (T0600100555)	Vapor sa	amples: Re	port in i	l mg/m3 unit fo	r pd	fanc	edd				_	P	LEA					DF F				Tempera Sample VOCs F	ature l Conta	Upon iners	Intac	t?		_	Y Y		N N	
Relinquished by:	Ι	Dat	e	Time		Rece	ived	by:					-	1140	TO.	Da		T	Tim	_	4	Deliverable							•		"	
J Hermin		8/11	1/10	non	<i>,</i>		7	2	1	_/		> (E	iL	3			1	70	_	Leve	13										
Retinquished by:	(3)	8-11.		Time		Rec	70				inel)		_		8	Da	10	,	Tim		Leve Site : Proje	Casaifia	if yes, er or a	please	e atta speci	ich p	re-schedule w/ Test/	\meri	ica			

Lage a of 1



<WebShip>>>>>

800-322-5555 www.gso.com



Ship From: ALAN KEMP CAL SCIENCE- CONCORD 5063 COMMERCIAL CIRCLE #H CONCORD, CA 94520

ship to: SAMPLE RECEIVING CEL 7440 LINCOLN WAY GARDEN GROVE, CA 92841

COD: \$0.00

Reference: ERI, PARSONS

Delivery Instructions:

Signature Type: SIGNATURE REQUIRED



Package 1 of 1

Send Label To Printer

Print All

Edit Shipment

Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email

Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

market resemblishment if



WORK ORDER #: 10-08-0 @ 5 9

SAMPLE RECEIPT FORM

Box <u>\</u> of <u>\</u>

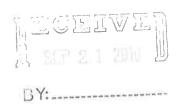
CLIENT: E21	DATE:	08/12/10
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozer	n)	Al-A Parami con il
Temperature °C + 0.5 °C (CF) = °C [☐ Blank	☐ Sample
☐ Sample(s) outside temperature criteria (PM/APM contacted by:).		
☐ Sample(s) outside temperature criteria but received on ice/chilled on same da	ay of sampli	ng.
\square Received at ambient temperature, placed on ice for transport by Co	urier.	111/2
Ambient Temperature: ☑ Air ☐ Filter ☐ Metals Only ☐ PCBs 0	Only	Initial: WS
CHOTODY OF ALCINITACT.		
CUSTODY SEALS INTACT: □ Cooler □ № ○ □ No (Not Intact) □ Not Present	□ N/A	Initial: WB
□ Sample □ □ No (Not Intact) □ Not Present	LI IVA	Initial:
Sample L Live (Not made) 2 Not income		muai. 🗠 🗸
SAMPLE CONDITION:	Yes	No N/A
Chain-Of-Custody (COC) document(s) received with samples	. 🗷	
COC document(s) received complete	. 🗗	
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.		
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.		
Sampler's name indicated on COC		
Sample container label(s) consistent with COC		
Sample container(s) intact and good condition		
Proper containers and sufficient volume for analyses requested		
Analyses received within holding time	a	
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours		
Proper preservation noted on COC or sample container		
☐ Unpreserved vials received for Volatiles analysis		
Tedlar bag(s) free of condensation CONTAINER TYPE:	Z ·	
Solid: 🗆4ozCGJ 🗆8ozCGJ 🗆16ozCGJ 🗆Sleeve () 🗅EnCores	® □TerraC	Cores® □
Water: □VOA □VOAh □VOAna₂ □125AGB □125AGBh □125AGBp	□1AGB □]1AGBna₂ □1AGBs
□500AGB □500AGJ □500AGJs □250AGB □250CGBs	□1PB □	J500PB □500PB na
□250PB □250PBn □125PB □125PBznna □100PJ □100PJna ₂ □		
Air: ☐ Tedlar® ☐ Summa® Other: ☐ Trip Blank Lot#: Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: E	_ Labeled/C	Checked by:





September 17, 2010

Paula Sime Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312



Subject: Calscience Work Order No.: 10-09-0892

Client Reference:

ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/11/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile & ex Socia

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830 FAX: (714) 894-7501

Case Narrative

Work Order # 10-09-0892 Modified EPA TO-14A or EPA TO-15

EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	Full List Analysis: Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S







nel c

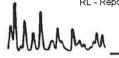
Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 09/11/10 10-09-0892 N/A EPA TO-3M

Project: ExxonMobil 70104 / 022506

Page 1 of 1

1 TOJCOL EXXOTIMODIL TO	.01,02200							
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG		10-09-0892-1-A	09/09/10 13:45	Air	GC 39	N/A	09/11/10 12:00	100911L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	41:	U	mg/m3			
V-OUT-VC2		10-09-0892-2-A	09/09/10 14:00	Air	GC 39	N/A	09/11/10 12:10	100911L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-OUT-VC1		10-09-0892-3-A	09/09/10 14:15	Air	GC 39	N/A	09/11/10 12:19	100911L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
V-INF-VC0		10-09-0892-4-A	09/09/10 14:30	Air	GC 39	N/A	09/11/10 14:49	100911L01
Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			
Method Blank		098-01-005-2,606	N/A	Air	GC 39	N/A	09/11/10 11:25	100911L01
<u>Parameter</u>	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1	U	mg/m3			



DF - Dilution Factor ,



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Petaluma, CA 94954-2312

Date Received:

Work Order No:

Preparation: Method:

Units:

09/11/10

10-09-0892

N/A

EPA TO-15M mg/m3

					Units:						mg/m3
Project: ExxonMobil 70	104 / 02250	06								Pa	ge 1 of 2
Client Sample Number			La	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
V-DSCHG			10-09-	-0892-1-A	09/09/10 13:45	Air	GC/MS II	N/A	09/11/10 16:49		100911L01
Comment(s): -The method has b	een modified to	use Tedla	ar bags i	instead of S	umma Canisters	S.					
Parameter	Result	RL	DF	<u>Qual</u>	<u>Parameter</u>			Result	RL	DF	<u>Qual</u>
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Foluene	ND	0.019	1	Ū	Methyl-t-Butyl I	Ether (MTE	3E)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	Ū		,	,				
Surrogates:	REC (%)	Control	Qu	al	Surrogates:			REC (%)	<u>Control</u>	<u>C</u>	<u>Qual</u>
surrogates.	1120 (70)	Limits		<u></u>					<u>Limits</u>		
I.4-Bromofluorobenzene	99	57-129			1,2-Dichloroeth	nane-d4		80	47-137		
Foluene-d8	89	78-156									
V-OUT-VC2			10-09-	-0892-2-A	09/09/10	Air	GC/MS II	N/A	09/11 17:4		100911L01
					14:00				17	+0	
Comment(s): -The method has b	een modified to	use Tedla	ar hans i	instead of S	umma Canisters						
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	DF	Qual
	ND			U	Xylenes (total)			ND	0.0087	1	U
Benzene	ND ND	0,0016 0.019	1 1	U	Methyl-t-Butyl	Ethar (MT)	RE)	ND	0.0072	1	ŭ
Foluene	ND ND	0.019	1	Ü	wethyr-butyr	Luici (iviii	JL)	110	0.0072		J
Ethylbenzene		Control	, Qu	•	Surrogates:			REC (%)	Control		Qual
Surrogates:	<u>REC (%)</u>	Limits	Qu	<u>aı</u>	Surrogates.			1120 (10)	Limits	0.2	4
I A Daniel de la company	100	57-129			1,2-Dichloroeth	nane_d4		82	47-137		
I,4-Bromofluorobenzene	89	78-156			1,2-DICHIOIOE	iaiic-u-		-			
Foluene-d8	99	78-100							00/4	1440	
V-OUT-VC1			10-09-	-0892-3-A	09/09/10 14:15	Air	GC/MS II	N/A	09/11 18:		100911L01
Comment(s): -The method has b	een modified to	use Tedla	ar hags i	instead of S	umma Canisters	s.					
* *	Result	RL	DF	. Qual	Parameter			Result	RL	DF	Qual
Parameter			_					ND	0.0087	1	U
Benzene	ND	0.0016	1	U	Xylenes (total) Methyl-t-Butyl I	Ethor (MT)	3E1	ND	0.0087	1	U
Foluene	ND	0.019	1	U	wetry-t-butyl	Luici (IVIII	JL)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1		Curronatan			REC (%)	Control	(Qual
Surrogates:	<u>REC (%)</u>	Control Limits	<u>Qu</u>	<u>aı</u>	Surrogates:				<u>Limits</u>	7	KUUI
I,4-Bromofluorobenzene	102	57-129			1,2-Dichloroeth	nane-d4		81	47-137		
Foluene-d8	86	78-156									
. 5,45.10 60											

RL - Reporting Limit , 7440

DF - Dilution Factor

Qual - Qualifiers





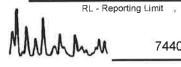
Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: Units: 09/11/10 10-09-0892 N/A EPA TO-15M mg/m3

Project: ExxonMobil 70104 / 022506

Page 2 of 2

Project: Exxoniviobil 7010	14 / 0225	00								Га	ge 2 01 2
Client Sample Number				b Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
V-INF-VC0			10-09-0)892-4-A	09/09/10 14:30	Air	GC/MS II	N/A	09/11 19:		100911L01
Comment(s): -The method has been	n modified to	use Tedla	ar bags ir	nstead of S	Summa Canisters	S.					
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl	Ether (MTI	BE)	0.031	0.0072	1	
Ethylbenzene	ND	0.0022	1	U							
Surrogates:	REC (%)	Control Limits	<u>Qua</u>	<u>I</u>	Surrogates:			<u>REC (%)</u>	Control Limits	<u>C</u>	<u>Qual</u>
1,4-Bromofluorobenzene	95	57-129			1,2-Dichloroeth	nane-d4		84	47-137		
Toluene-d8	96	78-156									
Method Blank			099-12	-983-983	N/A	Air	GC/MS II	N/A	09/11 14:		100911L01
Parameter Parameter	Result	RL	<u>DF</u>	Qual	Parameter			Result	<u>RL</u>	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)			ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl	Ether (MTI	BE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U							
Surrogates:	REC (%)	Control Limits	<u>Qua</u>	<u>ll</u> .	Surrogates:			REC (%)	Control Limits	C	<u>)ual</u>
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroeth	nane-d4		85	47-137		
Toluene-d8	97	78-156									





Quality Control - Duplicate

nel c

Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 09/11/10 10-09-0892 N/A EPA TO-3M

FAX: (714) 894-7501

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-09-0891-2	Air	GC 39	N/A	09/11/10	100911D01
<u>Parameter</u>	Sample Conc	DUP Conc	<u>RPD</u>	RPD CL	Qualifiers
TPH as Gasoline	110	100	2	0-20	

RPD - Relative Percent Difference , 7440 Lincoln \



Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-09-0892 N/A EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepar	5 V 5 5 5	ate lyzed	LCS/LCSD Bato Number	h
099-12-983-983	Air	GC/MS II	N/A	09/1	1/10	100911L01	
<u>Parameter</u>	LCS	%REC LCS	SD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	3	103	60-156	0	0-40	
Toluene	104	ļ.	105	56-146	1	0-43	
Ethylbenzene	103	3	105	52-154	1	0-38	
Xylenes (total)	98		100	52-148	1	0-38	

MMMM_



Glossary of Terms and Qualifiers



Work Order Number: 10-09-0892

Work Order Nu	mber. 10-09-0092
Qualifier *	<u>Definition</u> See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
В	Analyte was present in the associated method blank.
Ε	Concentration exceeds the calibration range.
1	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.



Calscience Environmental

7440 Lincoln Way

Garden Grove, CA 92841

Phone: 714-895-5494

Fax: 714-894-7501



Laboratories, Inc.

Consultant Address: 601 North McDowell Blvd Consultant City/State/Zip: Petaluma, California 94954 ExxonMobil Project Mgr: Jennifer C. Sedlachek Project Name: 022506 11X (Monthly) Consultant Project Mgr: Paula Sime ExxonMobil Site #: 70104 Major Project (AFE #): Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414 Site Address: 1725 Park Street Sampler Name (Print): Site City, State, Zip: Alameda, California Oversight Agency: Preservative Matrix Analyze For:	TAT	
ExxonMobil Project Mgr: Jennifer C. Sedlachek Consultant Project Mgr: Paula Sime ExxonMobil Site #: 70104 Major Project (AFE #): Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414 Site Address: 1725 Park Street Sampler Name (Print): Site City, State, Zip: Alameda, California Oversight Agency: Preservative Matrix Analyze For:		
Consultant Project Mgr: Paula Sime ExxonMobil Site #: 70104 Major Project (AFE #): Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414 Site Address: 1725 Park Street Sampler Name (Print): Sampler Signature: Oversight Agency: Preservative Matrix Analyze For:	TAT	
Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414 Site Address: 1725 Park Street Sampler Name (Print): Site City, State, Zip: Alameda, California Oversight Agency: Preservative Matrix Analyze For:	TAT	
Sampler Name (Print): Site City, State, Zip: Alameda, California Oversight Agency: Preservative Matrix Analyze For:	TAT	
Sampler Signature: A No number of the Preservative Matrix Analyze For:	TAT	
Sampler Signature: Oversight Agency: Oversight Agency: Analyze For:	TAT	
	TAT	
Shipped Shippe	TAT	
mpled mpled mpled mpled mpled sitic (Yellow Str. (Yellow Label) Label) may 1. Tex/m	5-day TAT Standard 10-day TAT	Due Date of Report
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	x	1
11/36	x	
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Comments/Special Instructions: Vapor samples: Report in mg/m3 unit for pdf and edd Laboratory Comments:	i_	-
Temperature Upon Receipt: PLEASE E-MAIL ALL PDF FILES TO GLOBAL ID # (T0600100555) Temperature Upon Receipt: Sample Containers Intact? Y VOCs Free of Headspace? Y	N N	
Relinquished by: Date Time Received by: Date Time QC Deliverables (please circle one)		
1 Devenus 9/1/10 1330 (1330 1-10-10 133) Level 2		
Relinquished by: Date Time Received by (Lab personnel): Date Time Level 4		
To 650 9-10-10 1730 Sqlm — The 11/10 9:05 Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions		

Page 9 of 11





〈*WebShip*〉〉〉〉

800-322-5555 www.gso.com

Ship From: ALAN KEMP CAL SCIENCE- CONCORD 5063 COMMERCIAL CIRCLE #H CONCORD, CA 94520

Ship To: SAMPLE RECEIVING CEL 7440 LINCOLN WAY GARDEN GROVE, CA 92841

COD: \$0.00

Reference:

Delivery Instructions:

Signature Type: SIGNATURE REQUIRED



Package 3 of 3

Send Label To Printer

Print All

Edit Shipment

Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email

Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of extraordinary value", in which case the highest declared value we allow is \$500, Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

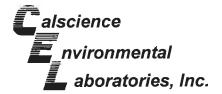


WORK ORDER #: 10-09-0892

SAMPLE RECEIPT FORM Cooler ___ of ___

CLIENT: ERT DATE:	09/11/	<u>10</u>
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C - 6.0 °C, not frozen)		
Temperature • °C + 0.5 °C (CF) = _ °C □ Blank	☐ Sample	
☐ Sample(s) outside temperature criteria (PM/APM contacted by:).	-	
☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampli	na.	
☐ Received at ambient temperature, placed on ice for transport by Courier.	9.	
Ambient Temperature: Air	Initial:	2
Affibient Temperature. 2 Am 2 Titles 2 Metals 5 My		
CUSTODY SEALS INTACT:		
☑ Cooler □ □ No (Not Intact) □ Not Present □ N/A	Initial: 🗘	2
□ Sample □ □ No (Not Intact) ☑ Not Present	lnitial:	IN
SAMPLE CONDITION: Yes		N/A
Chain-Of-Custody (COC) document(s) received with samples	_	
COC document(s) received complete		
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.		
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.		
Sampler's name indicated on COC		
Sample container label(s) consistent with COC		
Sample container(s) intact and good condition		
Proper containers and sufficient volume for analyses requested		
Analyses received within holding time	_	
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	_	
Proper preservation noted on COC or sample container □		
☐ Unpreserved vials received for Volatiles analysis		,
Volatile analysis container(s) free of headspace □		Ø
Tedlar bag(s) free of condensation		
Solid: □4ozCGJ □8ozCGJ □16ozCGJ □Sleeve () □EnCores® □Terra		
Water: □VOA □VOAh □VOAna₂ □125AGB □125AGBh □125AGBp □1AGB [⊒1AGBna₂ □1.	AGBs
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGBs □1PB (□500PB □500	PBna
□250PB □250PBn □125PB □125PBznna □100PJ □100PJna ₂ □ □		
Air: DTedlar® DSumma® Other: DTrip Blank Lot#: Labeled/ Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope F	Reviewed by: <u>(</u>	

SOP T100_090 (05/10/10)





July 22, 2010

Paula Sime Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Subject:

Calscience Work Order No.: 10-07-1162

Client Reference:

ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/16/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile & ex Sain

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager





Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

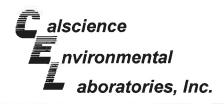
Date Received: Work Order No: Preparation: Method:

07/16/10 10-07-1162 **EPA 5030B** EPA 8015B (M)

Project: ExxonMobil 70104 /	022506						Pa	ige 1 of 2
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1		10-07-1162-1-D	07/14/10 14:00	Aqueous	GC 18	07/19/10	07/20/10 01:08	100719B03
Parameter	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates: REC (Control Limits		<u>Qual</u>				
1,4-Bromofluorobenzene 90		38-134						
W-OUT-WC2		10-07-1162-2-D	07/14/10 14:15	Aqueous	GC 18	07/19/10	07/20/10 01:46	100719B03
Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	90	38-134						
W-OUT-WC1		10-07-1162-3-D	07/14/10 14:30	Aqueous	GC 18	07/19/10	07/20/10 02:23	100719B03
Comment(s): -The sample chroma	atographic patter	n for TPH does not me sample was based u	atch the chro	matographic	pattern of the	specified st	andard. Qua	intitation
Parameter	Result	RL	DF	Qual	<u>Units</u>			
TPH as Gasoline	450	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene 90		38-134						

RL - Reporting Limit ,

DF - Dilution Factor ,



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method:

07/16/10 10-07-1162 **EPA 5030B** EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	10-07-1162-4-D	07/14/10 14:45	Aqueous	GC 18	07/19/10	07/20/10 03:01	100719B03

Comment(s):

-The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Result

<u>RL</u>

<u>Units</u>

<u>Parameter</u>

Surrogates:

ug/L

TPH as Gasoline

710

50

1

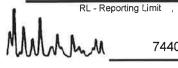
1,4-Bromofluorobenzene

REC (%) 89

Control Limits 38-134

Qual

Method Blank		099-12-436-4,999	N/A	Aqueous	GC 18	07/19/10	07/19/10 21:24	100719B03
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	<u>REC (%)</u>	Control Limits		Qual				
1.4-Bromofluorobenzene	88	38-134						







Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: Units: 07/16/10 10-07-1162 EPA 5030B EPA 8021B ug/L

Project: ExxonMobil 70104 / 022506

Page 1 of 2

Project: ExxonMobil /	0104 / 0225	06								Ра	ge 1 of 2
Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		te/Time alyzed	QC Batch ID
W-PSP-1			10-07	-1162-1-C	07/14/10 14:00	Aqueous	GC 8	07/16/10		/16/10 20:08	100716B01
Parameter	Result	RL	<u>DF</u>	<u>Qual</u>	Parameter			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.50	1	U	Xylenes (total	I)		ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Buty	l Ether (MTB	E)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U							
Surrogates:	<u>REC (%)</u>	Control Limits	Qu	<u>ıal</u>							
1,4-Bromofluorobenzene	95	70-130									
W-OUT-WC2			10-07	-1162-2-C	07/14/10 14:15	Aqueous	GC 8	07/16/10		/16/10 20:39	100716B01
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total	D		ND	1.0	1	U
Toluene	ND	0.50	1	Ū	Methyl-t-Buty	,	E)	ND	5.0	1	Ü
Ethylbenzene	ND	0.50	1	U	, ,	`	•				
Surrogates:	REC (%)	Control Limits	Qu	ıal							
1,4-Bromofluorobenzene	94	70-130									
W-OUT-WC1			10-07	-1162-3-C	07/14/10 14:30	Aqueous	GC 8	07/16/10		/16/10 7:06	100716B01
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	DF	Qual
Benzene	ND	2.5	5	U	Xylenes (total	n		ND	5.0	5	
Toluene	ND	2.5	5	Ŭ	Methyl-t-Buty		E)	670	25	5	J
Ethylbenzene	ND	2.5	5	Ŭ			-,			Ŭ	
Surrogates:	REC (%)	Control Limits	<u>Qu</u>	al							
1,4-Bromofluorobenzene	100	70-130									
W-INF-HT			10-07	-1162-4-C	07/14/10 14:45	Aqueous	GC 8	07/16/10		/16/10 7:36	100716B01
December	Dogult	DI	DF	Ouel	Doromotor			Posult	RL	DF	Qual
<u>Parameter</u>	Result	RL 0.5	_	Qual	Parameter	Λ.		Result			
Benzene	ND	2.5	5	U	Xylenes (total	,	- \	ND 1000	5.0	5	U
Toluene	ND ND	2.5	5	U U	Methyl-t-Butyl	ı ⊏ıner (ıvı i Bi	=)	1000	25	5	
Ethylbenzene		2.5	5	-							
Surrogates:	REC (%)	Control Limits	Qu	<u>aı</u>							
1,4-Bromofluorobenzene	99	70-130									



DF - Dilution Factor



07/16/10

Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

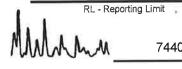
Date Received: Work Order No: Preparation: Method: Units:

10-07-1162 EPA 5030B EPA 8021B ug/L

Project: ExxonMobil 70104 / 022506

Page 2 of 2

Client Sample Number				ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		e/Time alyzed	QC Batch ID
Method Blank			099-12	2-667-871	N/A	Aqueous	GC 8	07/16/10		/16/10 6:34	100716B01
Parameter Parameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.50	1	U	Xylenes (total)			ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl	Ether (MTB	E)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U							
Surrogates:	<u>REC (%)</u>	Control Limits	Qu	<u>al</u>							
1,4-Bromofluorobenzene	96	70-130									





Quality Control - Spike/Spike Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 07/16/10 10-07-1162 EPA 5030B EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 18	07/19/10		07/20/10	100719S01
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	90	68-122	2	0-18	

RPD - Relative Percent Difference ,
7440 Lincoln



Quality Control - Spike/Spike Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method:

10-07-1162 EPA 5030B EPA 8021B

07/16/10

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix Instrument		Date Prepared		Date Analyzed	MS/MSD Batch Number	
10-07-1161-1	Aqueous	GC 8	07/16/10		07/16/10	100716S01	
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	<u>RPD CL</u>	Qualifiers	
Benzene	89	88	57-129	2	0-23		
Toluene	86	84	50-134	2	0-26		
Ethylbenzene	87	84	58-130	3	0-26		
p/m-Xylene	84	82	58-130	2	0-28		
o-Xylene	82	81	57-123	2	0-26		
Methyl-t-Butyl Ether (MTBE)	87	86	44-134	2	0-27		

AMAMA_



Quality Control - LCS/LCS Duplicate



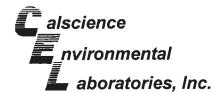
Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-07-1162 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed		LCS/LCSD Batc Number	h
099-12-436-4,999	Aqueous	GC 18	07/19/10	07/19/10		100719B03	
<u>Parameter</u>	LCS %	6REC LCSD	%REC %F	REC CL I	RPD	RPD CL	Qualifiers
TPH as Gasoline	91	91	7	78-120	1	0-10	

RPD - Relative Percent Difference , 7440 Lincoln



Quality Control - LCS/LCS Duplicate

nel c

Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-07-1162 EPA 5030B EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Instrument Prepare				ch
099-12-667-871	Aqueous	GC 8	07/16/10	0 07/1	6/10	100716B01	
<u>Parameter</u>	LCS %	REC LCSD	%REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	91		70-118	3	0-9	
Toluene	88	91		66-114	4	0-9	
Ethylbenzene	89	92		72-114	4	0-9	
p/m-Xylene	91	94		74-116	4	0-9	
o-Xylene	87	91		72-114	5	0-9	
Methyl-t-Butyl Ether (MTBE)	91	96		41-137	6	0-13	

RPD - Relative Percent Difference ,

7440 Lincoln



Glossary of Terms and Qualifiers



Work Order Number: 10-07-1162

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/LCSD RPD r clarification.
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Calscience **Environmental**

7440 Lincoln Way

Garden Grove, CA 92841

Consultant Telephone Number: (707) 766-2000

Phone: 714-895-5494

Site Address: 1725 Park Street

EXonMobil

Fax: 714-894-7501 Laboratories, Inc. Consultant Name: Environmental Resolutions, Inc. Account #: NA PO#: 4508883534 Consultant Address: 601 North McDowell Blvd Invoice To: Jennifer C, Sedlachek Consultant City/State/Zip: Petaluma, California 94954 Report To: Paula Sime ExxonMobil Project Mgr: Jennifer C. Sedlachek Project Name: 022506 11X (Jul) Consultant Project Mgr: Paula Sime ExxonMobil Site #: 70104 Major Project (AFE #):

erman Sampler Name (Print): Site City, State, Zip: Alameda, California Sampler Signature: Oversight Agency: Matrix Analyze For: **USH TAT (Pre-Schedule)** of Report Point Name Sampled 8015B TPHg 8021B BTEX 5-day TAT Sample ID W-PSP-1 WEFF 4 VOA WC2 W-OUT-WC2 4 VOA Х X W-OUT-WC1 WC1 X 4 VOA X X X WHT W-INF-HT 4 VOA X Х

Fax No.: (707) 789-0414

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Temperature Upon Receipt: Sample Containers Intact? VOCs Free of Headspace? QC Deliverables (please circle one)

GLOBAL ID # (T0600100555) Relinquished by

Level 2 Level 3 Level 4

Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions





<WebShip>>>>>

800-322-5555 www.gso.com

Ship From: ALAN KEMP CAL SCIENCE- CONCORD 5063 COMMERCIAL CIRCLE #H CONCORD, CA 94520

Ship To: SAMPLE RECEIVING CEL 7440 LINCOLN WAY GARDEN GROVE, CA 92841

COD: \$0.00

Reference: PARSONS, ERI

Delivery Instructions:

Signature Type: SIGNATURE REQUIRED Tracking #: 514555955

ORC

GARDEN GROVE

D92843A



83153649

Print Date 07/15/10 16:48 PM

Send Label To Printer

Print All

Edit Shipment

Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

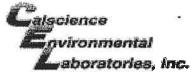
ADDITIONAL OPTIONS:

Send Label Via Email

Create Return Label

TERMS AND CONDITIONS:

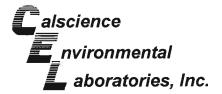
By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.



WORK ORDER #: 10-07- 11 11 6 2

in i	WORK ORDER #.		ا سے سے	
SAMPLE F	RECEIPT FOR	RM co	oler c	of
CLIENT: ERI		DATE:	07/16/	10
TEMPERATURE: Thermometer ID: SC1 (Criteria		n)		
Temperature 2.3 °C + 0.5 °C (CF)	= <u>2.</u> %°C	Blank	\square Sample	
Sample(s) outside temperature criteria (PM/APM	contacted by:).			
☐ Şample(s) outside temperature criteria but receive	ed on ice/chilled on same d	ay of sampling	j .	
☐ Received at ambient temperature, placed on	ice for transport by Co	urier.		145
Ambient Temperature: ☐ Air ☐ Filter ☐ M	letals Only ☐ PCBs (Only	Initial: _	H
CUSTODY SEALS INTACT:	Marie Carlos Car			
Cooler		□ N/A	lnitial: _	H-
□ Sample □ □ No (Not In	tact)		Initial: _	80
SAMPLE CONDITION:		Yes	No 1	V/A
Chain-Of-Custody (COC) document(s) received with				
COC document(s) received complete				
☐ Collection date/time, matrix, and/or # of containers logg			_	_
☐ No analysis requested. ☐ Not relinquished. ☐ N		*		
Sampler's name indicated on COC				
Sample container label(s) consistent with COC		_		
Sample container(s) intact and good condition		_		
Proper containers and sufficient volume for analys		,		
Analyses received within holding time		,		
pH / Residual Chlorine / Dissolved Sulfide received				
Proper preservation noted on COC or sample con	tainer	Z		
☐ Unpreserved vials received for Volatiles analysis				
Volatile analysis container(s) free of headspace		.Z		
Tedlar bag(s) free of condensation CONTAINER TYPE:				
Solid: □4ozCGJ □8ozCGJ □16ozCGJ □Sle	eeve () □EnCore	s [®] □TerraC	ores® □	
Water: □VOA ☑VOAh □VOAna₂ □125AGB □				AGBs
□500AGB □500AGJ □500AGJs □250AGB				
□250PB □250PBn □125PB □125PBznna □1	00PJ □100PJna₂ □			
Air: ☐Tedlar® ☐Summa® Other: ☐T Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottl			necked by: viewed by:	Spc

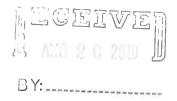
 $\label{eq:preservative: h: HCL n: HNO_3 na_2:Na_2S_2O_3 na: NaOH p: H_3PO_4 s: H_2SO_4 znna: ZnAc_2+NaOH f: Field-filtered Scanned by: \\$





August 18, 2010

Paula Sime Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312



Subject:

Calscience Work Order No.: 10-08-0970

Client Reference:

ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/12/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile & ex Sain

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager





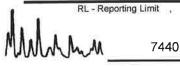
Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method:

08/12/10 10-08-0970 EPA 5030B EPA 8015B (M)

Page 1 of 2

Project: ExxonMobi	170104 / 022506						Pa	ige 1 of 2
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1		10-08-0970-1-B	08/11/10 10:30	Aqueous	GC 25	08/13/10	08/14/10 03:52	100813B01
Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	<u>REC (%)</u>	Control Limits		Qual				
1,4-Bromofluorobenzene	83	38-134						
W-OUT-WC2		10-08-0970-2-B	08/11/10 10:45	Aqueous	GC 25	08/13/10	08/14/10 04:25	100813B01
Parameter	Result	RL	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	<u>REC (%)</u>	Control Limits		Qual				
1,4-Bromofluorobenzene	82	38-134						
W-OUT-WC1		10-08-0970-3-B	08/11/10 11:00	Aqueous	GC 25	08/13/10	08/14/10 04:59	100813B01
Comment(s): -The sa	ample chromatographic patter	n for TPH does not n	natch the chro	matographic	pattern of the	specified st	andard. Qua	ntitation
or the L Parameter	unknown hydrocarbon(s) in the <u>Result</u>	e sample was based RL	upon the spec <u>DF</u>	Qual	u. <u>Units</u>			
TPH as Gasoline	490	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	81	38-134						







Environmental Resolutions, Inc.

601 North McDowell Blvd. Petaluma, CA 94954-2312 Date Received:

Work Order No:

Preparation:

Method:

08/12/10

10-08-0970

EPA 5030B

EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Page 2 of 2

FAX: (714) 894-7501

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	10-08-0970-4-B	08/11/10 11:15	Aqueous	GC 25	08/13/10	08/14/10 05:32	100813B01

Comment(s):

-The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

<u>Parameter</u>

Result

<u>RL</u>

<u>DF</u>

<u>Units</u>

TPH as Gasoline

670

50

1

ug/L

Surrogates:

REC (%)

Control Limits

Qual

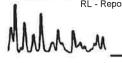
Qual

1,4-Bromofluorobenzene

82

38-134

Method Blank		099-12-436-5,102	N/A	Aqueous	GC 25	08/13/10	08/13/10 17:13	100813B01
Parameter	Result	RL	<u>DF</u>	Qual	Units			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	81	38-134						



DF - Dilution Factor , RL - Reporting Limit ,

Qual - Qualifiers





Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received:

08/12/10

Petaluma, CA 94954-2312

Work Order No: Preparation:

10-08-0970 **EPA 5030B**

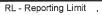
Method: Units:

EPA 8021B ug/L

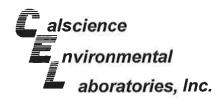
Project: ExxonMobil 70104 / 022506

Page 1 of 2

Client Sample Number	QC Batch II 100813B01 DF Qual 1 U 1 U
Parameter	DF Qual 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1
Benzene	1 U 1 U 1 1 U 100813B01 2
Toluene	1 U 10 100813B01 DF Qual 1 U
Ethylbenzene ND 0.50 1 U Surrogates: REC (%) Control Limits 1,4-Bromofluorobenzene 92 70-130 Control Limits Qual Limits	10 100813B01 2 DF Qual 1 U
Surrogates: REC (%) Control Limits	<u>DF Qual</u> 1 U
Limits 1,4-Bromofluorobenzene 92 70-130	<u>DF Qual</u> 1 U
No. No.	<u>DF Qual</u> 1 U
Parameter	<u>DF Qual</u> 1 U
Senzene	1 U
Benzene	
Toluene ND 0.50 1 U Methyl-t-Butyl Ether (MTBE) ND 5.0 Ethylbenzene ND 0.50 1 U Surrogates: REC (%) Control Limits Qual Limits 1,4-Bromofluorobenzene 87 70-130	•
Ethylbenzene ND 0.50 1 U Surrogates: REC (%) Control Limits Qual Limits 1,4-Bromofluorobenzene 87 70-130	
Surrogates: REC (%) Limits Control Limits Qual Limits 1,4-Bromofluorobenzene 87 70-130	
1,4-Bromofluorobenzene 87 70-130	
W-OUT-WC1 10-08-0970-3-A 08/11/10 Aqueous GC 8 08/13/10 08/13/	
11:00 14:4	
Parameter Result RL DF Qual Parameter Result RL	DF Qual
Benzene ND 2.5 5 U Xylenes (total) ND 5.0	5 U
Toluene ND 2.5 5 U Methyl-t-Butyl Ether (MTBE) 620 25	5
Ethylbenzene ND 2.5 5 U	
Surrogates: REC (%) Control Qual Limits	
1,4-Bromofluorobenzene 92 70-130	
W-INF-HT 10-08-0970-4-A 08/11/10 Aqueous GC 8 08/13/10 08/13/ 11:15 GC 8 08/13/10 15:19	
Parameter Result RL DF Qual Parameter Result RL	DF Qual
Benzene ND 2.5 5 U Xylenes (total) ND 5.0	5 U
Toluene ND 2.5 5 U Methyl-t-Butyl Ether (MTBE) 750 25	5
Ethylbenzene ND 2.5 5 U	=
Orabel Orabel	
Surrogates: REC (%) Control Qual Limits	



DF - Dilution Factor





Environmental Resolutions, Inc.

601 North McDowell Blvd. Petaluma, CA 94954-2312 Date Received:

Work Order No:

Preparation:

Method:

Units:

08/12/10

10-08-0970

EPA 5030B

EPA 8021B

ug/L

Page 2 of 2

Project: ExxonMobil 70104 / 022506

			ı	_ab Sample	Date/Time	Matrix	Instrument	Date Prepared	_	ate/Time	QC Batch ID
Client Sample Number Method Blank			000 1	Number 12-667-892	Collected N/A	Aqueous	GC 8	08/13/10)8/13/10	100813B01
Method Blank			033-1	12-007-032	N/A	Aqueous		00/10/10		14:16	100010201
Parameter Parameter	Result	RL	<u>DF</u>	Qual	Parameter			Result	<u>RL</u>	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)		ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Buty	Ether (MTB	E)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U							
Surrogates:	<u>REC (%)</u>	Control Limits	Q	<u>ual</u>							
1,4-Bromofluorobenzene	90	70-130									



Quality Control - Spike/Spike Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 08/12/10 10-08-0970 EPA 5030B EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-08-1008-1	Aqueous	GC 25	08/13/10		08/13/10	100813S01
Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	90	88	68-122	2	0-18	

RPD - Relai

CL - Control Limit



Quality Control - Spike/Spike Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 08/12/10 10-08-0970 EPA 5030B EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 8	08/13/10		08/13/10	100813S01
Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	106	57-129	2	0-23	
Toluene	98	67	50-134	37	0-26	4
Ethylbenzene	97	99	58-130	2	0-26	
p/m-Xylene	98	100	58-130	2	0-28	
o-Xylene	95	97	57-123	2	0-26	
Methyl-t-Butyl Ether (MTBE)	103	98	44-134	4	0-27	

RPD - Rela



Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-08-0970 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrume	5.0	ate ared	Da Anal	ite yzed	LCS/LCSD Bato Number	h
099-12-436-5,102	Aqueous	GC 25	08/1	3/10	08/13	3/10	100813B01	
<u>Parameter</u>	LCS %	<u>6REC</u> <u>L</u>	CSD %REC	<u>%RI</u>	EC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	90		91	78	3-120	0	0-10	





Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-08-0970 EPA 5030B EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Dat Prepa		Date nalyzed	LCS/LCSD Bate Number	ch
099-12-667-892	Aqueous	GC 8	08/13	/10 08	/13/10	100813B01	
<u>Parameter</u>	LCS %	REC LCS	O %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	1	08	70-118	3	0-9	
Toluene	100	1	02	66-114	1	0-9	
Ethylbenzene	101	1	01	72-114	1	0-9	
p/m-Xylene	103	1)4	74-116	1	0-9	
o-Xylene	99	1	00	72-114	1	0-9	
Methyl-t-Butyl Ether (MTBE)	101	1	04	41-137	3	0-13	



Glossary of Terms and Qualifiers



Work Order Number: 10-08-0970

Qualifier *	<u>Definition</u> See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
В	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
1	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at detection limit.
Χ	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental

7440 Lincoln Way

Garden Grove, CA 92841

n Grove, CA 92841 Fax: 714-894-7501

Phone: 714-895-5494

Laboratories, Inc.



Consulta	ant Name:	Environmenta	l Resolutions	, Inc.												A	ссоц	nt#	NA				- 1	PO#:	450	88835	534				
Consultant	Address:	601 North Mc	Dowell Blvd													_ In	voic	е То	Jenn	ifer C.	Sedia	chek									
Consultant City/	State/Zip:	Petaluma, Ca	lifornia 94954													R	epor	t To	Paul	a Sime	1										
ExxonMobil Pro	oject Mgr:	Jennifer C. S	edlachek												F					06 11>		1)				, -					
Consultant Pro	oject Mgr:	Paula Sime												Ex	xon!	Mob	il Sit	e #:	701	04				Maio	r Pro	iect (A	AFE #):				
Consultant Telephone	Number:	(707) 766-200	00				Fa	x No	o.: <u>(</u> 7	07) 7	789-0	414				Site	Add	ress	1725	Park S	Street					·					
Sampler Na	me (Print):	14	evens	<i>ب</i>										Si	 te Ci	ity, S	tate	Zip	Alan	neda, C	alifor	nia									
Sampler S	Signature:	1/2	ساراس	-	-												t Age		_												
		0					V	24	e e e	Pres	erva	tive	224	-		-	Matr		_	1.00	100	14,	An	alyze	For:	- cv31			=		
Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate HCI (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label) H ₂ SO ₄ Glass (Yellow Label)	HNO, (Red Label)	Other	None (Black Label)	Groundwater	Drinking Water	Sludge	Soll	Other (specify):	8015B TPHa	8021B BTEX	8020 MTBE							RUSH TAT (Pre-Schedule)	5-day TAT	Statiustic In-day IAI
W-PSP-1	WEFF	8/11/10	1630	4 VOA	x		-		X	\vdash	+	-				1-	8	φ 4	0			_	Н	+	+	\vdash	+	+	-		<u> </u>
W-OUT-WC2	WC2	Sircito.	1005	4 VOA	x			Н	-1-	+	+		-	-	X	+	H	+	H	X	X	X	Н	+	┿	-	+	+	$\overline{}$	X	+
W-OUT-WC1	WC1		3100	4 VOA	×			H	X	\vdash	+)	_	_	X	╁	╁	+	-	X	X	X	Н	+	+	-	-	\dashv	-	X	+
W-INF-HT	WHT		1115	4 VOA	x	-	_	H	x	1	+		-		X	\vdash	Н	+		Х	X	X	H	+	+	\vdash	+	+		X	+
W-IMI-411	AALTI		1-	4 VOA	1^	-		Н	+^	+	+	1	4	H	X	₩	Н	+	-	X	X	X	\vdash	+	╀	\vdash	-	+	\dashv	X	+
1		-		- "	+	-		Н	+	Н	+	H	╁	+	+	╁	Н	+	-	-	+	-	\vdash	+	+	1	+	+	\dashv	+	+
		-			+	_		Н	+	H	+	H	╀	Н	+	\vdash	Н	+		-	\vdash	-	H	4	+	-	+	\vdash	\dashv	+	+
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Comments/Special Instructions:	<u></u>	L			1	_		Ц					L			\perp	Ц	1	Lab	oratory	Com	mon			1		Ш	Ш	Ш		_
																			Lau					eceipt	:						
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15000	650	8-11-	ID	1730				/	1	16	29/	4		8/1	2//	0	10		Site :								w/ Test	Ameri	ca		
				3,25-7,5-7,5				1	1	4																					



Ship From: 514727342 Tracking #: NPS ALAN KEMP CAL SCIENCE- CONCORD 5063 COMMERCIAL CIRCLE #H CONCORD, CA 94520 Ship To: SAMPLE RECEIVING CEL GARDEN GROVE 7440 LINCOLN WAY GARDEN GROVE, CA 92841 D92843A COD: \$0.00 Reference: CRA, ERI **Delivery Instructions:** Signature Type: SIGNATURE REQUIRED

Print Date: 08/11/10 13:53 PM

Package 1 of 1

Send Label To Printer

Print All

Edit Shipment

Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email

Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

K mibal is each a fill a - at

(0a 70)



WORK ORDER #: 10-08- 1 1 1 1

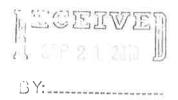
SAMPLE RECEIPT FORM Cooler 1 of 1

CLIENT:ERI	DATE:_	08/12	1/10
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C - 6.0 °C, not froz Temperature °C + 0.5 °C (CF) = °C Sample(s) outside temperature criteria (PM/APM contacted by:). Sample(s) outside temperature criteria but received on ice/chilled on same Received at ambient temperature, placed on ice for transport by 6 Ambient Temperature: □ Air □ Filter □ Metals Only □ PCB	Blank day of sample Courier.		ole al:
CUSTODY SEALS INTACT: Cooler			al: al: <u>@</u>
SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	,🗹		
COC document(s) received complete	🗆	A	
Collection date/time, matrix, and/or # of containers logged in based on sample lab			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	🗗		
Sample container label(s) consistent with COC			
Sample container(s) intact and good condition			
Proper containers and sufficient volume for analyses requested			
Analyses received within holding time			
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours			Ø
Proper preservation noted on COC or sample container			
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	,	. 🗆	
Tedlar bag(s) free of condensation CONTAINER TYPE:	🗆		Þ
Solid: 40zCGJ 80zCGJ 160zCGJ Sleeve () EnCo	ores® □Terra	₃Cores® □]
Water: □VOA ☑VOAh □VOAna₂ □125AGB □125AGBh □125AG	B p □1AGB	□1AGBna	₂ □1AGBs
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CG	Bs □1PB	□500PB □	1500PBna
□250PB □250PBn □125PB □125PBznna □100PJ □100PJna₂ □			
Air: Tedlar® Summa® Other: Trip Blank Lot#: Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag Preservative: h: HCL n: HNO3 na2:Na2S2O3 na: NaOH p: H3PO4 s: H2SO4 znna: ZnAc2+NaO	Labeled E: Envelope	/Checked b Reviewed b	y: ــــــــــــــــــــــــــــــــــــ



September 20, 2010

Paula Sime Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312



Subject:

Calscience Work Order No.: 10-09-0903

Client Reference:

ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/11/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

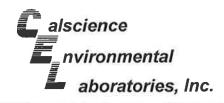
Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile & ex Soin

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager





Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 09/11/10 10-09-0903 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Page 1 of 2

Floject. Exxonivioum rolloti	022000							.9, _
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1		10-09-0903-1-C	09/09/10 14:45	Aqueous	GC 25	09/14/10	09/14/10 17:19	100914B01
Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	<u>REC (%)</u>	Control Limits		Qual				
1,4-Bromofluorobenzene	83	38-134						
W-OUT-WC2		10-09-0903-2-C	09/09/10 15:00	Aqueous	GC 25	09/14/10	09/14/10 17:53	100914B01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	REC (%)	Control Limits		<u>Qual</u>				
,4-Bromofluorobenzene	82	38-134						
W-OUT-WC1		10-09-0903-3-C	09/09/10 15:15	Aqueous	GC 25	09/14/10	09/14/10 18:26	100914B01
Comment(s): -The sample chroma	atographic patter	n for TPH does not m	atch the chro	matographic	pattern of the	specified st	tandard. Qua	intitation
of the unknown hydr Parameter	rocarbon(s) in the <u>Result</u>	e sample was based i <u>RL</u>	upon the spec <u>DF</u>	ined standar Qual	a. <u>Units</u>			
PH as Gasoline	500	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				

RL - Reporting Limit ,

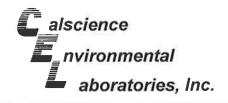
1,4-Bromofluorobenzene

DF - Dilution Factor

82

Qual - Qualifiers

38-134



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 09/11/10 10-09-0903 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Page 2 of 2

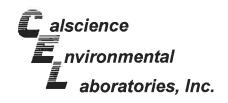
Client Sample Numb	er		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT			10-09-0903-4-C	09/09/10 15:30	Aqueous	GC 25	09/14/10	09/14/10 19:00	100914B01
Comment(s):	-The sample chromatog of the unknown hydroca						specified st	andard. Qua	ntitation
<u>Parameter</u>	,	Result	RL	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline		980	50	1		ug/L			
Surrogates:		REC (%)	Control Limits		Qual				
1,4-Bromofluorobenz	rene	82	38-134						

Method Blank		099-12-436-5,227	N/A	Aqueous	GC 25	09/14/10	09/14/10 04:44	100914B01
Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1	U	ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	82	38-134						

RL - Reporting Limit , 7440

DF - Dilution Factor

Qual - Qualifiers



Environmental Resolutions, Inc.

601 North McDowell Blvd.

Petaluma, CA 94954-2312

Analytical Report

Units:

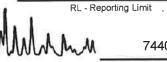
Date Received:
Work Order No:
Preparation:
Method:

09/11/10 10-09-0903 EPA 5030B EPA 8021B ug/L

Project: ExxonMobil 70104 / 022506

Page 1 of 2

Project: ExxonMobil 70	J 104 / 0225	06									ge 1 of 2
Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		e/Time alyzed	QC Batch ID
W-PSP-1			10-09	-0903-1-A	09/09/10 14:45	Aqueous	GC 8	09/14/10		/14/10 2:50	100914B01
Parameter Parame	Result	RL	<u>DF</u>	Qual	Parameter			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.50	1	U	Xylenes (tota	I)		ND	1,0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Buty	Ether (MTB	E)	ND	5.0	.1.	U
Ethylbenzene	ND	0.50	1	U							
Surrogates:	REC (%)	Control Limits	Qu	ual							
1,4-Bromofluorobenzene	89	70-130									
W-OUT-WC2			10-09	-0903-2-A	09/09/10 15:00	Aqueous	GC 8	09/14/10		/14/10 3:21	100914B01
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total	I)		ND	1.0	1	U
Toluene	ND	0.50	1	Ü	Methyl-t-Buty	,	F)	ND	5.0	1	Ü
Ethylbenzene	ND	0.50	1	Ŭ	mount cour		_,		0.0	•	
Surrogates:	REC (%)	Control	Qı	_							
Surrogates.	1(20 (70)	Limits									
1,4-Bromofluorobenzene	86	70-130									
W-OUT-WC1			10-09	-0903-3-A	09/09/10 15:15	Aqueous	GC 8	09/14/10		14/10 3:52	100914B01
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	DF	Qual
Benzene	ND	2.5	5	U	Xylenes (total	D.		ND	5.0	5	
Toluene	ND	2.5	5	Ü	Methyl-t-Buty	,	F)	560	25	5	J
Ethylbenzene	ND	2.5	5	Ü	mounty (Duty	realor (IIII)	-,		20	Ü	
Surrogates:	REC (%)	Control Limits	Qu	<u>ıal</u>							
1,4-Bromofluorobenzene	87	70-130									
W-INF-HT			10-09	-0903-4-A	09/09/10 15:30	Aqueous	GC 8	09/14/10		15/10 0:23	100914B01
Parameter	Result	RL	<u>DF</u>	Qual	Parameter			Result	RL	<u>DF</u>	<u>Qual</u>
Benzene	ND	2.5	5	U	Xylenes (total			ND	5.0	5	U
Toluene	ND	2.5	5	U	Methyl-t-Buty	1 Ether (MTBI	Ε)	990	25	5	
Ethylbenzene	ND	2.5	5	U							
Surrogates:	<u>REC (%)</u>	Control Limits	QL	<u>ıal</u>							
1,4-Bromofluorobenzene	85	70-130									



it , DF - Dilution Factor , Qual - Qualific



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: Units:

09/11/10 10-09-0903 **EPA 5030B** EPA 8021B ug/L

Project: ExxonMobil 70104 / 022506

Page 2 of 2

Client Sample Number				Sample lumber	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank			099-12-	667-922	N/A	Aqueous	GC 8	09/14/10	09/14/10 16:34	100914B01
<u>Parameter</u>	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	RL DF	<u>Qual</u>
Benzene	ND	0.50	1	U	Xylenes (total)		ND	1.0 1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl	Ether (MTB	E):	ND	5.0 1	U
Ethylbenzene	ND	0.50	1	U						
Surrogates:	REC (%)	Control Limits	Qua	ļ.						
1,4-Bromofluorobenzene	90	70-130								



Quality Control - Spike/Spike Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

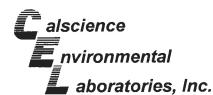
Date Received: Work Order No: Preparation: Method: 09/11/10 10-09-0903 EPA 5030B EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-09-0610-1	Aqueous	GC 25	09/14/10		09/14/10	100914S01
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
TPH as Gasoline	98	97	68-122	1	0-18	

RPD - Relati

CL - Control Limit



Quality Control - Spike/Spike Duplicate

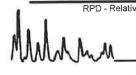


Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 09/11/10 10-09-0903 EPA 5030B EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-09-0911-1	Aqueous	GC 8	09/14/10		09/14/10	100914S01
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	102	57-129	6	0-23	
Toluene	92	94	50-134	2	0-26	
Ethylbenzene	91	93	58-130	2	0-26	
Xylenes (total)	91	93	57-123	2	0-26	
Methyl-t-Butyl Ether (MTBE)	93	101	44-134	8	0-27	



CL - Control Limit



Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-09-0903 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Insti	rument	Dat Prepa	111	Da Anal		LCS/LCSD Bate Number	ch
099-12-436-5,227	Aqueous	G	C 25	09/14/10		0 09/14/10		100914B01	
<u>Parameter</u>	LCS %	6REC	LCSD (%REC	<u>%RI</u>	EC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	101		100		78	-120	1	0-10	



CL - Control Limi



Quality Control - LCS/LCS Duplicate



Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-09-0903 EPA 5030B EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Da Analy		LCS/LCSD Bate Number	sh .
099-12-667-922	Aqueous	GC 8	09/14/10	09/14	/10	100914B01	
Parameter	LCS %RI	EC LCSD %	<u> </u>	REC CL	RPD	RPD CL	Qualifiers
Benzene	97	101	7	70-118	4	0-9	
Toluene	94	96	6	66-114	3	0-9	
Ethylbenzene	94	97	7	72-114	3	0-9	
Xylenes (total)	95	97	7	72-114	2	0-9	
Methyl-t-Butyl Ether (MTBE)	87	93	4	41-137	7	0-13	





Glossary of Terms and Qualifiers



Work Order Number: 10-09-0903

Qualifier *	<u>Definition</u> See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
В	Analyte was present in the associated method blank.
Е	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at detection limit.
Χ	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience

7440 Lincoln Way

Garden Grove, CA 92841

Phone: 714-895-5494

Fax: 714-894-7501



Environmental Gardo Laboratories, Inc.

Consulta	nt Name:	Environ	menta	Resc	lution	s, inc.													Acco	unt#	. NA				P	O#:	4508	88835	34					
Consultant				_															nvoi	се То	Jenn	ifer C. S	Sedla	chek									_	
Consultant City/S						i4													Repo	ort To	Paula	Sime												
ExxonMobil Pro	ject Mgr:	Jennife	r C. S	ediaci	hek													Pro	ject l	Name	0225	06 11X	(Sep	t)										
Consultant Pro	_																Exxo				7010					Major	Proj	ect (A	FE #):					
Consultant Telephone			6-200	0						Fa	x No	.: (7	07) 7	89-04	14			Site	e Ado	dress	1725	Park S	treet											_
Sampler Nan						w										_	Site	City,	State	e, Zip	Alam	eda, C	aliforr	iia										
Sampler S	ignature:	1	11	رم	~	~					_			_			Ove	ersig	ht Ag	ency														
		\sim		_						,	184	gi K	Pres	ervat	ve.	1100			Mat	rix		1626	3.5	LI	Ana	lyze F	or:	10	di w	\neg				_
Sample ID	ield Point Name	Date Sampled			Time Sampled		No. of Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate HCI (Blue Label)	ag a	H ₂ SO ₄ Glass (Yellow Label)	HNO ₃ (Red Label)	Other Alack Laboth	Groundwater	Wastewater Drinking Water	Sludge	Soil	Other (specify):	8015B TPHg	8021B BTEX	8021B (M) MTBE							RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
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< WebShip > 800-322-5555 www.gso.com

Ship From: ALAN KEMP CAL SCIENCE- CONCORD 5063 COMMERCIAL CIRCLE #H CONCORD, CA 94520

Ship To: SAMPLE RECEIVING CEL 7440 LINCOLN WAY GARDEN GROVE, CA 92841

COD: \$0.00

Reference: BTS, ERI, CRA, WEISS Delivery Instructions:

Signature Type: SIGNATURE REQUIRED

514926525 Tracking #:

D92843A

GARDEN GROVE

Print Date: 09/10/10 16:03 PM Package 1 of 1

Send Label To Printer

Print All

Edit Shipment

Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

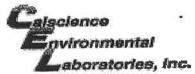
ADDITIONAL OPTIONS:

Send Label Via Email

Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.



WORK ORDER #: 10-09- 2 2 2

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CLIENT: ERI				09///	/10
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☐ No analysis requested. ☐ Sampler's name indicated of Sample container label(s) co Sample container(s) intact a Proper containers and suffic Analyses received within hole pH / Residual Chlorine / Diss Proper preservation noted of	nnsistent with COCnd good conditioni ient volume for analyses required iding timesolved Sulfide received within	uested			
☐ Unpreserved vials receive Volatile analysis container(s Tedlar bag(s) free of conder CONTAINER TYPE: Solid: ☐4ozCGJ ☐8ozCG	d for Volatiles analysis) free of headspacesation) □EnCores	. ☑ . □ s® □Terra		
□250PB □250PBn □125F Air: □Tedlar [®] □Summa [®] Container: C: Clear A : Amber P : Pla	00AGJs □250AGB □2500	CGB □250CGBs □100PJna₂ □ ank Lot#: oc/Resealable Bag E:	□1PB □1PB □1PB □1PB □1PB □1PB □1PB □1PB	□500PB □50 □ □ Checked by: □ Reviewed by: □	00PBna

APPENDIX B

SOP-25: "HYDROCARBONS REMOVED FROM A VADOSE WELL"

HYDROCARBON REMOVAL FROM A VADOSE WELL SOP-25

Rev: JO'C

POUNDS OF HYDROCARBON IN A VAPOR STREAM

INPUT DATA:

- 1) Vapor flow rate acfm (usually by Pitot tube)
- 2) Vapor pressure at the flow measuring device (in inches of H₂O) (use {-} for vacuum)
- 3) Vapor temperature at the flow-measuring device.
- 4) Hydrocarbon content of vapor (usually in mg/M³) for ppmv you need molecular weight.
- 5) Length of time (usually hours) over which flow rate occurred)

From periodic measurements, a calculation of total pounds of hydrocarbons removed from a well or from a system is calculated. The input data listed above are measured at a point in time. To calculate quantities removed, some assumptions must be made about what was happening between measurements. The following assumptions will be used for the sake of consistency:

ASSUMPTIONS:

- 1) Vapor flow for the period equals the average of the initial and final reading for the period.
- 2) Pressure and temperature for the entire period will be the final reading.
- 3) Hydrocarbon concentration for the period equals the average of the initial and final reading.
- 4) The hours of operation can be taken from an hour meter, an electric meter or will be assumed to be equal to the time between measurements.
- 5) If the unit is found down try to determine how many hours it did operate and use the data taken for the previous period to make the calculations. Restart the unit and then take data to start the next period.

SAMPLE DATA AND CALCULATIONS

Date	Time	Temp deg F	Press in H ₂ O	HC conc Vapor flow mg/M3 acfm	w Calc. lb. rem.	
1/6/95	11:00	70	-46	2000	120	
1/7/95	13:00	55	-50	1350	90	
1/8/95	10:00	80	-13	750	100	7.4

Calculate the pounds of hydrocarbon removed from the system during the basis period from 13:00 (1:00 pm) on the 7th to 10 am on the 8th. Pressure and temperature of the measurements (at the flow meter) must be corrected to the P and T used to report the HC concentration (which are P = 1 atm and T = 70 deg F). 1 atm = 14.7psia, 760 mm Hg, or 407 in H_2O . $T_{abs} = 460 + T deg F$

Hours of operation = 21, T = 80, P = -13, $HC = (1350+750)/2 = 1050 \text{ mg/M}^3$, Flow = 95

21 x 60 x 95 x
$$\xrightarrow{(460+70)}$$
 x $\xrightarrow{(407-13)}$ 28.3 1050 1 $\xrightarrow{(460+80)}$ x $\xrightarrow{($

cumulative lbs. (the running total) = the sum of all the previous periods.

Note: If results are given in ppm, an assumption about the molecular weight of the hydrocarbon must be made to convert ppm into mg/M^3 . ppmv x molecular wt. /24.1 = mg/M^3 . (Use 102 for gasoline)