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

10:01 am, Jun 24, 2010

Alameda County Environmental Health **E**‰onMobil

June 18, 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, First Quarter 2010*, dated June 18, 2010, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring, sampling, and 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:

ERI's Remediation Status Report, First Quarter 2010, dated June 18, 2010

cc:

w/ attachment

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

w/o attachment

Ms. Paula Sime, Environmental Resolutions, Inc.



Southern California Northern California Central California Pacific Northwest New England Southwest Montana Texas

June 18, 2010 ERI 250611.R18

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

SUBJECT

Remediation Status Report, First 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, Environmental Resolutions, Inc. (ERI) performed first quarter 2010 remedial activities at the subject site. This report covers activities from December 18, 2009, through March 19, 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

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

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

 GWPTS
 10/10/94

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

GWPTS EBMUD Permit No. 50266631

 System reporting periods:
 AS/SVE System
 12/23/09 - 03/19/10

 GWPTS
 12/18/09 - 03/19/10

System modifications during reporting period: None

System status during reporting SVE System Active

period: GWPTS Active
AS System Active

Laboratory: Calscience Environmental Laboratories, Inc.

Oalsolerice Environments

Garden Grove, California

Effluent analyses performed: AS/SVE System

EPA TO-3M TPHg
EPA TO-15M MTBE, BTEX

LFA TO-TOWN WILDE, DIEA

<u>GWPTS</u>

EPA Method 8015B TPHg

EPA Method 8021B BTEX, MTBE

System performance:

AS/SVE System

Period	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
12/23/09 – 03/19/10	<4.946	<0.0018	<0.1385
To date:	<1,731.32	<27.72	<14.65

GWPTS

Period	Volume of Groundwater Treated (gallons)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
12/18/09 – 03/19/10	144,940	<0.626	<0.0048	<0.978
To date:	4,425,590	<68.7	<5.210	<46.33

CONCLUSIONS

Remediation efforts at the site are ongoing.

DOCUMENT DISTRIBUTION

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 ERI, the data taken from those documents is used "as is" and is assumed to be accurate. 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.

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



Sincerely, Environmental Resolutions, Inc.

Matthew T. Herman Project Engineer

Heidi L. Dieffenbach-Carle

P.G. 6793

Enclosures:

Acronym List

Plate 1 Site Vicinity Map

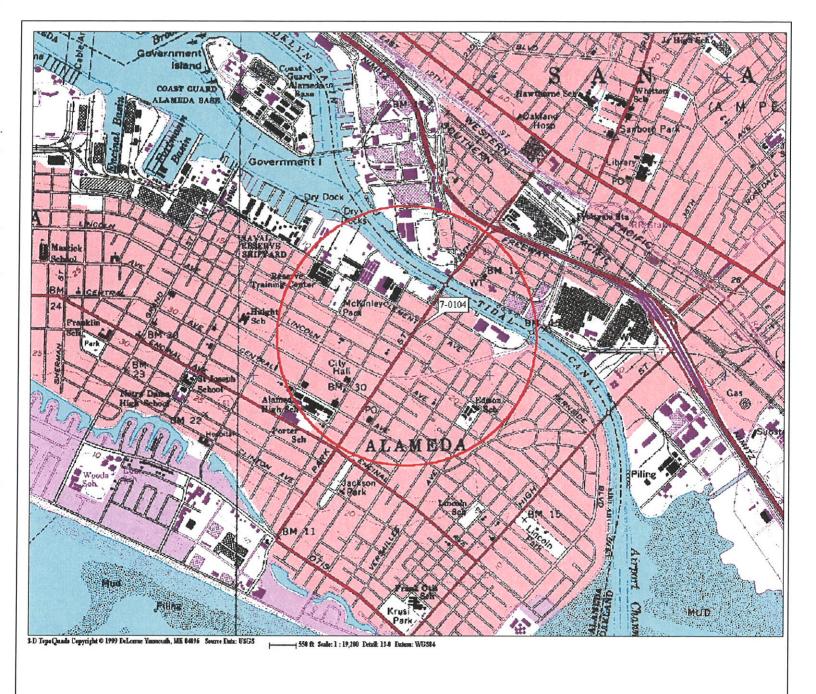
Table 1 Operation and Performance Data for Air Sparge/Soil Vapor Extraction System

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

Appendix A
Appendix B
Laboratory Analytical Reports and Chain-of-Custody Records
ERI SOP-25: "Hydrocarbons Removed from a Vadose Well"

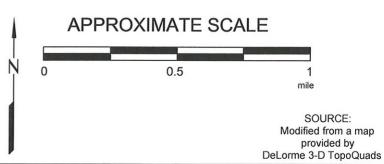
ACRONYM LIST

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	Gailons 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 ms/
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/m³	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
msl	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		



EXPLANATION







SITE VICINITY MAP

FORMER EXXON SERVICE STATION 70104 1725 Park Street Alameda, California PROJECT NO. 2506

PLATE

1

					Fleld M	easureme	nts					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)		Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
02/16/98	System sta	artup. 0	===																		
03/24/00			nding evalua																		
	12,001	0	***	***						A-INF					<60.80	<60.80	***		***	***	***
										A-INT2											
04/04/00	C	antal Daga	lutiona lan an			4				A-EFF											
04/01/00				sumed operation restarted.	-		han ahanaaa	2 . 500	nounda												
00/20/00	12,008	7 7	mpiete. Syste 7	***			26		~pourios.	A-INF	770.0										
	,,,	•	·							A-INT	18.1										
										A-EFF	13.3										
07/11/00	•		val; restart.																		
	12,011	10	3	86			8	4,000	85	A-INF	207.0	51			0.16	<60.96	0.00	0.00			<0.01
										A-INT A-EFF	9.1 0.0	<10 <10		<1.0 <1.0							
07/20/00	System rui	nning on a	rrival (vapor e	extraction syste	em only). Sys	stem runnin	o on departui	re.		A-CFF	0.0	~10		<1.0							
	12,226	225	215	78		***	9	4,500	97	A-INF	42.3										
										A-JNT	2.4										
	•									A-EFF	0.0										
07/31/00	12,493	wn on aep 492	enture for cari	bon changeou 87	t (2x500-pour	nds).	9	4,500	95	A-INF	266.0										
	12,400	702	201	01			9	4,500	90	A-INT	73.0										
										A-EFF	41.2										
08/10/00				changeout. S	System runnin	g on depart															
	12,733	732	0	80			30	800	17	A-INF	53.5	43			6.46	<67.42	<0.14	0.13			<0.001
										A-INT A-EFF	0.0 0.0	<10 <10		<1 <1							
										A-LT-T	0.0	\10		~1							
08/16/00	12,874	873	141	84			31.5	250	5	A-INF	164.1										
										A-INT	0.0										
										A-EFF	0.0										
08/24/00	System do 13,065		arture for cart	oon changeout 76	t. 		20	2,400	52	A-INF	294.0										
	10,000	1,004	101	70			20	2,400	JZ	A-INT	23.7										
										A-EFF	2.4										
09/12/00				changeout. S	System runnin	g on depart															
	13,070	1,069	5	74	***		20	2,600	56	A-INF	247.5	190			5.39	<72.48	0.08	<0.21	***	***	<0.00
										A-INT A-EFF	0.0 0.0	<10 <10	***	<1.0							
										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										
										A-EFF	0.0										
10/12/00		-		n on departure		hangeout.									47.00			.0.10			-0.001
	13,786	1,785	380	67			24	2,400	53	A-INF A-INT	96.4 72.3	55 21		-1.0	17.86	<90.66	<0.26	<0.46			<0.004
										A-INT A-EFF	9.0	21 <10		<1.0 <1.0							
										(Telefit)	0.0	-10		-1.0							

					Fleid M	easureme	nts					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 Perìod (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
10/30/00	System do	wn on arri	val for carbon	changeout. S	ystem runnir	ng on depart	lure.														
	13,788	1,787	2	56	***	***	24	2,450	55	A-INF	10,024	1,700			0.35	<91.01	0.00	< 0.47		***	<0.005
										A-INT A-EFF	59.1 0.0	<10 <10		<1.0 <1.0							
11/08/00	14,008	2,007	220	60			25	2,300	51	A-¦NF	102.6	29			37.69	<128.70	<0.35	<0.81	***		<0.004
										A-INT A-EFF	41.8 0.0	<10 <10		<1.0 <1.0							
11/21/00	System rui	nning on a	rrival. Systen	n down on dep	arture for car	bon change	out.			7, 2, ,	0.0	-10		-1.0							
	14,314	2,313	306	68			25	2,300	50	A-INF A-INT	322.0 32.3										
										A-EFF	42.9										
12/06/00	•			changeout.	-			changeou	rt.												
12/11/00	14,316		va⊨ que to car 2	bon changeoul 52	i. System ru:	nning on de	panure. 24	2,400	54	A-INF	957	240			8.15	<136.86	0.09	<0.91	***		<0.005
	, 110,10	,00	_					.,	- 7	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 A-EFF	4.8 0.0										
01/09/01	15,012	3,011	315	56			25	2,400	54	A-INF	82.4	32			19.10	<155.95	<0.22	<1.12			<0.005
										A-INT A-EFF	23.2 0.0	<10 <10		<1.0 <1.0							
01/23/01	System do	wn on dep	arture for carl	bon changeout						Astre	0.0	10		~1,0							
		3,352	341	60		***	26	2,300	51	A-INF	485.0										
										A-INT A-EFF	35.2 20.7										
01/31/01	15,355	3,354	2	45			33	1,500	34	A-INF	10,000										
										A-INT A-EFF	0										
02/13/01	15,669	3,668	314	56			12	4,000	90	A-INF	37.8	31			5.55	<161.50	<0.18	<1.31			<0.008
	,	-,								A-INT	29.5	<10		<1.0							
										A-EFF	0	<10	***	<1.0							
02/27/01	System do 15,999		arture for cha 330	ngeout. 70	***		8	4,000	87	A-INF	316										
	10,000	0,550	000	,,,			Ü	1,000	Ŭ.	A-INT A-EFF	37.5 73.6										
03/13/01	System do	wn on arri	val for change	out and runnin	ig on departi	ire. Monthly	samples tal	cen.		A-LFF	13.0										
	16,002		3	65			9	4,000	88	A-INF	5,833	1,300			73.60	<235.10	0.39	<1.69	***		<0.008
										A-INT	190.4	16		<1.0							
03/27/01	System ru	nninn on a	rrival and dep	arture						A-EFF	0	11		<1.0							
OULTION	16,336	4,335	334	62			10	4,000	89	A-INF	182.6										
		•						-		A-INT	16.8										
										A-EFF	0										0 -6 0

					Fleld M	easureme	nts					Laborato	ry Analytica	l 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)
04/12/01	System rui	nning on a	rrival and dep	arture.																	
	16,725	-	389	72			8	4,000	87	A-INF	4.8										
										A-INT	2.6										
04/25/01	System ru	nnina on a	rrival and dep	arture						A-EFF	0										
7-1120101	17,034	5,033	309	80	***	***	9	4,000	86	A-INF	18.6	<10			<219.46	<454.56	<1.19	<2.86	•••		<0.008
		•						• • • • • • • • • • • • • • • • • • • •		A-INT	9.5	<10		<1.0							
										A-EFF	0	26	y	<1.0							
05/09/01			rrival and depa				40	4.000	05	A 15.15	44.0	.40			0.77	.455.04	-0.44	.0.00			.0.007
	17,371	5,370	337	86			10	4,000	85	A-INF A-INT	11.3 3.6	<10 <10		<1.0	<1.07	<455.64	<0.11	<2.99			<0.007
										A-EFF	5.9	<10		<1.0							
5/24/01	System rut	nning on a	rrival and dep	arture.																	
	17,734	5,733	363	86			20	3,050	65	A-INF	6.2										
										A-INT	1.6										
06/04/01	Suctom rur	nnina on a	rrival and depa	artura						A-EFF	3.1										
00/04/01	17,992	-	258	80			40	500	11	A-INF	496	280			16.05	<471.69	<0.11	<3,11			<0.001
	,	-,								A-INT	19.7	<10		<1.0			•	• • • • • • • • • • • • • • • • • • • •			
										A-EFF	3.2	<10		<1.0							
06/19/01	•	-	rrival and depa					***													
	18,353	6,352	361	80			38	500	11	A-INF A-INT	140 6.4										
										A-EFF	3.0										
7/02/01	System rur	nning on a	rrival and depa	arture.																	
	18,660	6,659	307	80		***	38	500	11	A-INF	7.2										
										A-INT	0.0										
07/17/01	System sur	nning on a	rrival and depa	arturo						A-EFF	0.0										
77717701	19,028	7,027	368	75			10	4,000	86	A-!NF	0.0	<10	***		<27.27	<498.96	<0.19	<3.29	***		<0.008
								.,,,,,	• • •	A-INT	0.0	<10		<1.0	21121	.,,,,,,	0,10	****			*****
										A-EFF	0.0	<10		<1.0							
08/07/01	System rur	nning on a	rrival and shut		arture for blo	wer failure.															
										A-INF A-INT											
08/13/01	System do	wo on arriv	val; blower ren	noved awaiting	replacemen	ıt.				75-314.1											
08/27/01	· · · · · ·		g blower repla		, ,																
09/10/01	· · ·		g blower repla																		
10/18/01			al, installed b		ning on depa	arture.															
	19,534	7,533	506	120			31	4,000	80	A-INF	568.0										
										A-INT	3.0										
10101/01	C	!	مسمام امسم امريان							A-EFF	2.0										
10/24/01	19,673	nning on ai 7,672	rrival and depa 139	arture. 80			41	3,300	71	A-INF	93.1	72			7.76	<506.73	<0.19	<3.48			<0.006
	10,070	,,012	,00	55			-T+	0,000	4.1	A-INT	7.3	<10		<1.0	7.10	-000.10	-0,10	·V.40			10.000
										A-EFF	5	<10		<1.0							

					Fleid M	easureme	nts					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)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
11/07/01	System ru	nning on a	rrival and dov	n on departure	e for carbon	changeout.		***************	***************************************		***************************************		***************************************	***************************************							
	20,012	8,011	339	74			45	3,000	65	A-INF	230.0	55			5.46	<512.18	<0.09	<3.57			<0.005
										A-INT A-EFF	27.0 5.1	<10 <10		<1.0 <1.0							
11/21/01	System rui	nning on a	rrival and dow	n on departure	e for carbon	changeout.	Samples tak	ien.		A-LIT	0.1	~10		~1.0							
	20,012	8,011	0	150	***		45	3,000	57	A-INF	373.0										
										A-INT	0.0										
12/12/01	System do	wo on erri	val knockout	tank High/High	(H/H) and	ruppina on c	denedure			A-EFF	0										
12/12/01	20,361		349	142			46	3,000	58	A-INF	98.1	45			4.00	<516.18	0.09	<3.66	***		< 0.005
	,	-,						2,222		A-INT	1.0	<10	***	<1.0							
										A-EFF	2.7	<10		<1.0							•
12/27/01				ig on departure 142			4.6	0.400	46	A 151/	0.000										
	20,508	8,507	147	142			44	2,400	46	A-INF A-INT	2,396 2.4										
										A-EFF	0										
01/09/02	System do	wn on arri		tank H/H, and	running on d	eparlure.															
	20,541	8,540	33	148			42	2,700	51	A-INF	794.5	670			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 rui	nning on a	rrival and dow	n on departure	e for carbon (changeout.				74-1211	2	-10		11.0							
	20,876	8,875	335	136	***		45	3,800	74	A-INF	41.2										
										A-INT	8.3										
02/06/02	System do	wa on arri	el and runnin	g on departure	.					A-EFF	7.2										
V2100102	20,877		1	50			50	3,000	68	A-INF	260	458			42.27	<571.55	1.22	<4.92			<0.003
										A-INT	4.9	<5.00		<0.500							
00/04/00										A-EFF	0.1	<5.00		<0.500							
02/21/02	21,237	-	rival and on o 360	ieparture. 158			50	2,600	49	A-INF	189.8										
	21,207	0,200	000	100			50	2,000	70	A-INT	4.7										
										A-EFF	0.0										
03/06/02	-	-	rival and on o																		.0.000
	21,549	9,548	312	152			45	2,800	53	A-INF A-INT	185.2 14.2	82.3 15.1		<0.500	41.02	<612.57	2.08	<6.90			<0.002
										A-EFF	1.4	16.0		<0.500							
03/21/02	System rur	nning on a	rival and dep	arture. Installe	d pressure g	gauge for fie	eld reading.														
	21,913	9,912	364	146			38	3,200	61	A-INF	96.3										
										A-INT	1.5										
04/10/02	System ruz	nninn on s	rival and dow	n on departure	,					A-EFF	1.7										
04710702	22,393	-	480	76			45	3,200	69	A-INF	64.3	12.0	***	***	9.07	<621.64	0.29	<7,40	•••		<0.001
										A-INT	19.6	<10		<0.10							
										A-EFF	6	<10		<0.10							
05/08/02	System do 22,394	wn on arriv 10,393	al and runnin 1	g on departure 109),		37	3,000	61	A INC	254.1	440.0			0.05	<621.69	0.00	<7.43			<0.000
	22,394	10,393	1	109		,,,,	ગ	3,000	φı	A-INF A-INT	354.1 16.7	440.0 <10		<0.10	0.05	~021.09	0.00	~1.43		***	~0.000
										A-EFF	11.9	10		<0.10							

05/22/02 S	22,592 System rui	nning on a	Operation rrival and on		Pressure ("H20)	Vacuum ("Hg)		Flow	Flow	Sample	PID	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted
05/22/02 S	22,592 System rui	-				(119)	(in H2O)	(fpm)	(scfm)	1D		(mg/M³)	(mg/M³)		(pounds)	(pounds)	(pounds)	(pounds)		(pounds)	(lbs/day)
05/22/02	System rui	10,591		departure.																	
	•		198	118	7		41	2,800	57	A-INF	98.1										
	•									A-INT	3.9										
	•	nnina on a	rrival and on	denadure						A-EFF	3.9										
	22,731	-	139	118	7		38	2,800	57	A-INF	98.1										
										A-INT	3.9										
										A-EFF	3.9										
	System rur 23,068	-	rrival and dov 337	vn on departur 118	e for carbon (changeout.	38	3,000	60	A-∮NF	101.1										
	23,000	11,067	331	110	***		30	3,000	60	A-INT	10.1										
										A-EFF	18.2										
06/19/02	System do	wn on arri	val and runnic	ng on departur	e.																
	23,068	11,067	0	76			9	3,000	65	A-INF	178.8	120.0			44.32	<666.01	0.32	<7.73			<0.001
										A-INT A-EFF	0.0 0.0	<10 <10		<0.10 <0.10							
07/03/02 \$	System rur	nning on a	rrival and dep	arture.						A-LII	0.0	10		~0.10							
	23,409	-	341	112			25	3,000	61	A-INF	62.2	33		***	6.11	<672.12	0.04	<7.79	***		< 0.001
										A-INT	0.0	<10		<0.10							
07/17/02 8	Ounton do		al and sunni	ng on departure	•					A-EFF	0.0	<10		<0.10							
	23,434		25	109	e. 	***	70	3,000	61	A-INF	82.2										
								-,		A-INT	0.0										
										A-EFF	0.0										
	*	-	rival and dep				•	0.000		h 15107											
	23,764	11,763	330	110			21	3,000	61	A-INF A-INT	16.4 0.0										
										A-EFF	0.0										
08/14/02 \$	System rur	nning on a	rival and dep	arture.																	
	24,103	12,102	339	112			16	3,000	61	A-INF	9.8	19			4.09	<676.21	0.04	<7.83			<0.001
										A-INT A-EFF	0.0	<10 <10		<0.10 <0.10							
08/28/02 5	System rur	nning on a	rival and dov	vn departure.						V-CL1	0.0	10	222	~0.10							
	24,414	-	311	110	•••	***	16	3,000	61	A-INF	16.0										
										A-INT	0.0										
44100100 (C. into ma elec									A-EFF	0.0										
	24,415		rai ano rumini 1	ng departure. 106	***	***	26	3,000	61	A-INF	1282	1,300	***		46.88	<723.10	0.43	<8.24	***		< 0.001
	2.11.10	,	,	,,,,			20	0,000	٠.	A-INT	0.0	<10		< 0.10	10.00		07.0	*			****
										A-EFF	0.0	<10		< 0.10							
	•	-	rival and dep																		
	24,754	12,753	339	122			36	3,300	66	A-INF A-INT	67.6										
										A-EFF	1.1 0.0										
12/04/02 S	System rur	nning on a	rival and dep	arture.						r 1 441 1	5.0										
	25,084		330	112			46	3,200	65	A-INF	47.5	<500			<141.73	<864.83	<1.34	<9.48			<0.005
										A-INT	0.2	<100		<1.0							
										A-EFF	0.0	<100	***	<1.0							

					Fleld M	easureme	nts					L.aborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MT8E F	Removed	Benzene
Date	Hour Meter	Total Hours		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)
12/18/02	System ru	inning on a	arrival and de	parture. Carbo	on changeout	performed.															
	25,422	13,421	668	112	7	-0-	46	3,000	62	A-INF	76.1										
										A-INT A-EFF	2.1 0.0										
01/06/03	System ru	nning on a	arrival and on	departure for	carbon chang	geout.				W-ELL	0.0										
	•	13,874	453				35	3200	80	A-INF	372.0										
										A-INT	602.0										
01/15/03	Custom de		iuni and runni	na on donostus	•					A-EFF	604.0										
01/15/03	-	13,874	0	ng on departur 112			45	2,800	57	A-INF	134.0	110		~*~	54.68	<919.51	0.57	<10.11			<0.001
	20,0.0	,	•				. *	_,,,,,	•	A-INT	1.3	22		<0.20			4.4.				
										A-EFF	0.0	<20		<0.20							
01/29/03			irrival and dep				45	0.700	c.	A 13.05	60.0										
	26,210	14,209	335	114			45	2,700	54	A-INF A-INT	56.9 0.0						•				
										A-EFF	0.0										
02/12/03	System ru	nning on a	ırrival and de;																		
	26,548	14,547	338	110			44	2,800	57	A-INF	50.6	24	***		9.55	<929.06	0.12	<10.28	•••		<0.000
										A-INT A-EFF	3.4 0.0	90 <10		1.1 <0.10							
02/26/03	System ru	nning on a	rrival and deg	arture. Carboi	n changeout i	performed				ALFF	0.0	-10	220	~0.10							
	•	14,883	336	112			44	2,300	46	A-INF	122.9										
										A-INT	1.9										
03/12/03	Sustam ru	nnina on a	rrival and dor	oarture. Carboi	n chanasauti	antarmad				A-EFF	0.0										
03/12/03		15,217	334	120			43	2,600	52	A-INF	30.4	59			5.64	<934.71	0.07	<10.36			<0.000
	,	,								A-INT	0.6	<10		<0.10							
										A-EFF	0.1	<10		<0.10							
03/26/03		_	rrival and dep 337	oarture. 116			40	2,700	54	A IAIIT	12.4										
	27,000	15,554	331	110			40	2,700	34	A-INF A-INT	2.5										
										A-EFF	0.1										
04/09/03	•	-	rrival and dep																		
	27,889	15,888	334	120			40	2,800	56	A-INF	36.0	57		-0.40	7.83	<942.53	80.0	<10.45			<0.001
										A-INT A-EFF	2.4 1.0	<10 <10		<0.10 <0.10							
04/23/03	System ru	nning on a	rrival and dep	arture.						, , , , ,	,,,	-,0		-07.10							
	28,227	16,226	338	113			39	2,400	48	A-INF	54.7										
										A-INT	4.0										
05/07/03	Custom ru		معانيما مصطاعة	ortugo.						A-EFF	3.7										
05/07/03		nning on a 16,562	rrival and dep 336	118			40	2,500	50	A-INF	8.5	14			4.73	<947.27	0.05	<10.49		***	<0.000
	,000	,						,	- -	A-{NT	1.8	<10		<0.10	•						
										A-EFF	2.2	<10		<0.10							
05/21/03		-	rrival and dep					0 770		A 13.15	47.0										
	28,900	16,899	337	127			38	2,750	54	A-INF A-INT	15.8 2.4										
										A-EFF	1.3										

						easureme						Laborato	. ,	al Results	TPHg F			Removed		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)
06/04/03	System rui	nning on a	rrival. System	down on depa	arture for carl	oon change	out.														
	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	Svstem do	wn on arri	val for change	out. System ru	ınnina on de	parture.				V-CLL	70.2										
	29,237		3	120			39	2,800	56	A-INF	120.0	790			53.58	<1,000.85	0.82	<11.32			< 0.001
										A-INT	0.1	<10		0.13							
0.7/0.0/0.0										A-EFF	0.1	<10		<0.10							
07/02/03	29,576		rrival and dep 339	arture. 120	***		38	3,200	64	A-INF	91.0	70			32.58	×4 000 40	0.50	<11.81			<0.001
	28,570	11,515	338	120	***	***	30	3,200	04	A-INT	0.0	<10		<0.10	32.50	<1,033.43	0.50	~11.01	•••		×0.001
										A-EFF	0.1	<10		<0.10							
07/16/03	System rur	nning on a	rival and dep	arture.																	
	29,910	17,909	334	129			39	3,150	62	A-INF	95.0										
										A-INT	6.6										
07/30/03	System rur	nning on a	rival Shutdr	own for carbon	changeout	Down on de	enarture			A-EFF	2.5										
07700700	30,241	_	331	118			40	3,050	61	A-INF	51.7										
								·		A-INT	22.6										
										A-EFF	0.0										
08/13/03				I. Running on	-		0.0	0.400	0.4	4 15 177	204.2	440			44.05			.40.05			.0.004
	30,244	18,243	3	125			39	3,100	61	A-INF A-INT	321.0 5.7	110 <10		<0.10	14.05	<1,047.48	0.23	<12.05			<0.001
										A-EFF	6.8	10		0.16							
08/27/03	System rur	nning on a	rival and dep	arture.																	
	30,501	18,500	257	121			39	2,900	58	A-INF	122.6										
										A-INT	2.6										
09/10/03	Suctom rur	nnina on ai	rival and dep	artura						A-EFF	1.5										
03/10/03	30,919	•	418	126			40	2,650		A-INF	117,0	93			14.54	<1,062.02	0.31	<12.35	***		<0.0005
	****							-,		A-INT	6.4	<10		<0.10		.,	*.**				*****
										A-EFF	3.0	<10		< 0.10							
09/24/03			rival and dep																		
	31,256	19,255	337	120			38.5	3,150	63	A-INF	96.0										
										A-INT A-EFF	17.0 0.6										
10/08/03	System rur	nning on ar	rival and dep	arture.						71 611	0.0										
	31,587	-	331	120			38	3,000	60	A-INF	31.0	33		***	8.82	<1,070.84	0.20	<12.56	***	***	<0.0005
										A-INT	1.9	<10		<0.10							
										A-EFF	0.0	<10		<0.10							
10/22/03	-	-		own due to bad	i motor starte	эг.	41	2.700	60	A INSE	26.0										
	31,923	19,922	336		***	10 to 40	41	2,700	68	A-INF A-INT	36.0 3.0										
										A-EFF	2.0										
11/03/03	System do	wn on arriv	al and depart	ure.																	
11/12/03	System do	wn on arriv	al and depart	ure. Replaced	d blower moto	or starter he	ater assembi	у.													

					Fleid M	easureme	nts					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)
11/17/03	System do	um on arri	ual Pastarter	J. Running on	departure										1	·····	L				<u></u>
11/11/03	31,927	19,926	4	110	ceparture.		36	3,100	63	A-INF	262.0										
	07,00		·					5,100	•	A-INT A-EFF	3.1 0.2										
12/01/03	System ru	nning on a	rrival and dep	arture.						7-61	0.2										
	32,263	20,262	336	108		***	38	2,800	57	A-INF	25.3	26	***		4.35	<1,075.19	0.08	<12.64			<0.0005
										A-INT A-EFF	0.0	<10 <10		<0.10 <0.10							
12/15/03	System rui	nning on a	rrival and dep	arture.																	
	32,600	20,599	337	102	10	***	32	3,400	72	A-INF	53.0										
										A-INT	7.0										
12/29/03	System rui	nnina on a	rrival and dep	arlura						A-EFF	2.7										
12/20/03	32,932	-	332	94	9.5	***	34	3,400	73	A-INF	46.9										
	02,002	20,00		• •				0,100		A-INT	0.0										
										A-EFF	0.0										
01/12/04	System do	wn on arri	val, groundwai	ter pump and I	treat transfer	pump failur	e. System d	own for kn	ockout dru	m replacem	enl.										
01/26/04	System do	wn on arri	val and depart	ure, blower no	ot starting (ne	eds trouble	shooting).														
02/09/04	System do	wn on arri	val and depart	ure, blower no	ot starting (ne	eds trouble	shooting).														
06/27/05	Retrofitted	system st	artup.																		
	33,268	21,267	336	72	1	***	136.1	3,900	85	A-INF	185.6	124	8.63	8.63	20.00	<1,095.18	1.58	<14.22	0.00	0.00	<0.0039
										A-INT A-EFF	0.0 0.6	<10.2 <10.2	<0.508 <0.508	<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		•	•	bi-weekly visi	•																
	33,289	21,288	20	72	1		74.9	2,800	61	A-INF	711.0										
										A-INT A-EFF	0.0										
07/01/05	System do	wn awaitin	o Bav Area Ai	r Quality Mana	agement Dist	rict permit n	nodification.			A-C:)	0.0										
07/08/05			-	ation frequenc	_																
	33,291		2	70	2		95.3	3,000	66	A-INF	571.0										
										A-INT	0.0										
										A-EFF	4.7										
07/11/05		•		vapor-phase			-														
	33,362	21,361	71	79	1		68.1	4,000	86	A-INF	1,683.0										
										A-INT A-EFF	196.0 224.0										
07/15/05	Restarted	system oo	st VPC change	eout. Added o	ne more 500	-pound ves:	sel in series.	three total	l before dis												
	33,363		1	78	2		108.9	3,000	65	A-INF	440.0	•									
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

	***************************************			····	Fleld Mo	easureme	nts		······································			Laborato	ry Analytica	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		TPHg (mg/M³)		Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (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 A-EFF	440.0 0.0 0.0	799 20.2 <10.2	71.8	71.8 2.03	12.27	<1,107.45	1.12	<15.33	1.07	1.07	0.003
07/24/05	Responde	ed to auto o	lialer callout.	Shut down sys	stem, arrangir	ng for liquid	l-phase carbo	on (LPC) cl	hangeout (<0.609	0.508							
		21,461	99	80	2		108.9	2,600	56												
07/29/05	33,462	21,461	0				***														
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	0.704 <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	ulu	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	<0.500 <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 M	easureme	nts				~~~~~	Laborato	ry Analytica	al Results	TPHa F	Removed	Benzene	Removed	MT8E F	Removed	Benzene
Date	Hour	Total		Temp EFF	Pressure	Vacuum	Vacuum	Flow	Flow	Sample		TPHg	MTBE	Benzene	_	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted (lbs/day)
	Meter	Hours	Operation	(deg F)	("H20)	("Hg)	(in H2O)	(fpm)	(scfm)	ID	(ppmv)	(mg/M³)	(mg/M³)	(mg/M³)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(100100))
10/07/05	34,208	22,207	0	70	2		108.9	3,600	78	A-INF	6.0										
										A-INT1 A-INT2	21.0 0.0										
										A-IN12 A-EFF	0.0										
10/14/05	System sh	ut down fo	r blower repai	r and vapor pi	ping size inci	ease.															
	34,335	22,334	127					***		A-INF											
										A-∮NT1											
										A-INT2											
02/23/06	Suctam do	um on arri	ual Patrofit o	omplete. Resi	tarted Dunn	ina an dana	rtuso			A-EFF											
02/20/00	3	34,338	3	69	enteo. Italiai		122.5	3,000	147	A-INF	12.2										
		- ,,	•					0,000	,	A-INT1	12.1										
										A-INT2	0.8										
										A-EFF	0.4										
02/24/06			rrival and dep		_																
	24	34,359	21	70	2		136	1,600	79	A-INF A-INT1	0.0 0.0	<5.00 27.3	<0.500 3.24	<0.500 <0.500	<0.95	<1,119.06	<0.05	<16.31	<0.05	<2.03	<0.004
										A-INT2	0.0	<5.00	< 0.500	<0.500							
										A-EFF	0.0	<5.00	<0.500	<0.500							
03/03/06	System rur	nning on a	rrival and dep	arture.																	
	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
										A-INT1	0.0	58.9 a	<0.500	<0.500							
										A-INT2 A-EFF	0.0 0.0	5.00 5.00	<0.500	<0.500 <0.500							
03/10/06	System run	nning on a	rrival and dep	artitre						A-EFF	0.0	5.00	<0.500	<0.500							
00/10/00	277	34,612	86	70	2		136	1,600	79	A-INF	0.0										
		·						,		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/17/06				igh level). Re 70	started, Run 2			1.000	50	A (A)=	0.0										
	375	34,710	98	70	2		136	1,200	59	A-INF A-INT1	0.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/24/06	System run	nning on a	rrival and dep	arture.																	
	510	34,845	135	70	2		136	1,400	69	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
03/31/06	System do	wn on arriv	val (well box h	igh level). Re	started. Run	ning on der	arture.			A-EFF	0.0										
\$675 TT00	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										

					Fleid M	easureme	nts					Laborato	ry Analytica	l Results	TPHg F	Removed	Benzene	Removed	MT8E F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)		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)
04/07/06	System ru	inning 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	<0.500	<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	Suctors ru	innina an a	rrival down o	n departure fo	r carbon cha	account				A-EFF	0.0	84.9a	<0.500	<0.500							
04/13/00	837	35,172	141	76	2	igeout.	135.9	2,200	107	A-INF	1.5										
	•••			. •				,	,	A-INT1	43.9										
										A-INT2	30.3										
										A-EFF	26.0										
04/28/06	•			ig on departur																	
	837	23,171	0	76	2		135.9	1,400	68	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
05/05/06	System ru	inning on a	rrival and dep	arture.																	
	1,006	23,340	169	70	2		108.7	1,500	74	A-INF	0.0	b	b	b							
										A-INT1	0.0	b	b	b							
										A-INT2	0.0	<50.0	<0.500	<0.500							
05/12/06	Quetom ru	nnina an a	rrival and dep	aduro						A-EFF	0.0	<50.0	<0.500	<0.500							
03/12/00	1,172		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
	.,	20,000		. •	-		102.4	.,000	. ,	A-INT1	0.0	<50.0	< 0.500	<0.500	-0.00	1,101.00	0.07	10.10	0.00	2.10	0.000
										A-INT2	0.0	<50.0	< 0.500	<0.500							
										A-EFF	0.0	<50.0	<0.500	< 0.500							
05/19/06		-	rrival and dep		_																
	1,339	23,673	167	70	2		135.9	1,600	79	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
05/25/06	System rus	nning on a	rrival and dep	arlure.							0,0										
		23,819	146	70	2		135.9	1,600	79	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
00/00/00	Custom ru	nnina an a	eriual and dan	n.ete.n.						A-EFF	0.0										
06/02/06		24,010	rrival and dep 191	arture. 70	2		135.9	1,600	79	A-INF	0.0										
	1,010	27,010	101	70	٤		100.5	1,000	73	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/09/06	•		rrival and dep																		
	1,846	24,180	170	70	2		135.9	1,499	74	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
										A-Err	0.0										

Montago Mont						Fleid M	easureme	nts					Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
1.06	Date																			1	Cumulative (pounds)	Emitted (lbs/day)
APP	06/16/06	System de	own on arri	val and runnir	ng on departur	e.																
ANT Section ANT Sectin ANT Section ANT Section ANT Section ANT Section		1,967	24,301	121	70	2		135.9	1,400	69	A-INF	0.0	<50.0	2.73	2.73	<10.61	<1,141.95	<0.11	<16.58	< 0.34	<2.53	<0.003
Part																						
Segretary Segr																						
2,144 2,468	06/23/06	System ru	nnino on a	rrival and den	arture						A-CFF	0.0	\50.0	<0.500	<0.500							
State Stat	00.20.00	•				2		135.9	1,450	71	A-INF	0.0										
		•	·																			
8/30/80 8/31 3/40 3/4												0.0										
2,00 24,63 16 70 2 13.5 1,40 2 13.5 1,40 2 13.5 1,40 2 1,4											A-EFF	0.0										
1	06/30/06	•	-			^		4050	4 400	00	A 13.17	^^										
A-NT A-FF		2,300	24,634	166	70	2		135.9	1,400	69												
Composition																						
1																						
A-INT A-IN	07/05/06	System ru	nning on a	rrival and dep	arture.																	
A-NT2 A-NT		2,424	24,758	124	70	2		135.9	2,000	98						<7.15	<1,149.10	<0.07	<16.65	<0.23	<2.76	<0.004
07.14.16 System runing on arrival and departure in the control of the control o																						
07/14/06 System running on arrival departure. 2,44 24,978 220 70 2 135,9 2,000 98 A-INF 240,0 4,1NT 3,2 4,1NT																						
1	07/14/06	System ru	nning on a	rrival and dep	arture.						ASCIT	0.0	~50.0	₹0.300	~0.500							
07/20/06 System runing on arrival and departure. 2.804 25,138 160 70 2 3.59 1.800 89 A.INT 0.0 0.	01111110		-			2		135.9	2,000	98	A-INF	240.0										
A-EFF 1.0 Column 1.0 Colum											A-INT1	3.2										
07/20/06 System runing on arrival and departure. 1/20/06 System runing on arrival and departure. 1/20/06 System runing on arrival and departure.																						
1											A-EFF	0.0										
A-INT1 0.0 A-INT2 0.0 A-INT2 0.0 A-INT9 0.0	07/20/06		-			2		125.0	1 000	90	A INIC	64.0										
A-INT2		2,004	20,100	100	10	4	***	130.8	1,000	09												
07/28/06 2,973 25,307 169 70 2 2 3 1,800 89 A-INT 0.0																						
2,973 25,307 169 70 2 135.9 1,800 89 A-INF 56.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 08/04/06 System running on arrival and departure. 3,144 25,478 171 70 2 135.9 1,800 89 A-INF 96.0 147 1.30 1.30 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 < 1,100 <											A-EFF	0.0										
A-INT2 0.0 A-EFF 0.0 D8/04/06 System running on arrival running on arrival running on arrival running on arrival departure. 8	07/28/06	-	-																			
A-INT2 A-INT2 A-INT2 A-INT2 A-INT2 A-INT3 A-INT5 A		2,973	25,307	169	70	2		135.9	1,800	89												
A-EFF 1.0 1.																						
08/04/06 System ruling on arrival and departure. 3,144 25,478 171 70 2 135.9 1,800 89 A-INT 0.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0																						
3,144 25,478 171 70 2 135.9 1,800 89 A-INF 96.0 147 1.30 1.30 < 4.82 < 4.173.92 < 4.82 < 4.173.92 < 4.83 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 < 4.89 <	08/04/06	System ru	nning on a	rrival and dep	arture.						71 23 1	0.0										
A-INT2 0.0 <50.0 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500		-	-			2		135.9	1,800	89	A-INF	96.0	147	1.30	1.30	<24.82	<1,173.92	<0.28	<16.93	< 0.23	<2.98	< 0.004
08/11/06 System running on arrival and departure. 4. System running on arrival and departure. 5. System running on arrival and departure. 6. System running on arrival and departure. 7. System running on arrival and departure. 8. System running on arrival and departure. 8. System running on arrival and departure.											A-INT1	0.0	<50.0	<0.500	<0.500							
08/11/06 System running on arrival and departure. 3,308 25,642 164 70 2 135.9 2,200 108 A-INF 65.0																						
3,308 25,642 164 70 2 135.9 2,200 108 A-INF 65.0											A-EFF	0.0	<50.0	<0.500	<0.500							
	08/11/06	-	-			2		125.0	2 200	100	A 1825	ee o										
		3,306	20,042	104	70	4		133.9	2,200	100												
A-INT2 0.0																						
A-EFF 0.0																						

	***************************************				Fleid M	easureme	nts					Laborato	ry Analytica	al Results	TPHg R	emoved	Benzene	Removed	MT8E 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)
08/18/06	System ru	nning on a	rrival and dep	arture.					······		***************************************	***************************************	***************************************	***************************************							***************************************
<i>50.</i> 10.00	3,483	25,817	175	70	2		135.9	2,500	123	A-INF	60.0										
										A-INT1	0.0										
										A-INT2	0.0										
08/25/06	Custom de		ual /ld/ld maint	ure separator	enotortod av	etem				A-EFF	0.0										
00/23/00	3,486	25,820	3	70	, restarted s ₃	ystem.	135.9	2,500	123	A-INF	56.0										
	0,100	,	*		_			-,000		A-∤NT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/01/06	•	-		n for LPC cha	-		4070	0.500	400												
	3,654	25,988	168	70	2		135.9	2,500	123	A-INF A-INT1	27.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/15/06	System do	own on arri	val, (carbon c	nangeout com	pleted), resta	rted system).														
	3,657	25,991	3	70	2		135.9	2,500	123	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
09/22/06	System do	own on arri	val, locked ou	t/tagged out sy	rstem for rep	air.				A-LIT	0.0										
10/06/06	3,734	26,068	77	70	2		136.1	2,500	123	A-INF	30.0										
10/00/00	3,104	20,000	''	10	4		100.1	2,000	120	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	•		val. System s 2	hut down for c 70	arbon change 2	eout.				A ISIC											
	3,744	26,078	2	70	2				***	A-INF A-INT1											
										A-INT2											
10/27/06	System do	own on arri	val for carbon	changeout. S	ystem runnin	g on depart	ure.														
	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-łNT1	1.0	<50.0	2.08	<0.500							
										A-INT2	0.0	<50.0	<0.500	<0.500							
11/03/06	Custom ru	onina on a	reival and don	artura						A-EFF	0.0	<50.0	<0.500	<0.500							
11/03/06	3,915		rrival and depi	70	0	***	136.1	2,500	122	A-INF	10.0										
	0,010	20,2-10	17.1	10	•		,,,,,	_,000	122	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					***************************************	Fleld M	leasureme	nts					Laborato	ry Analytica	al Results	TPHg F	Removed	Benzene	Removed	MTBE F	Removed	Benzene
11/14/16 11/14 1	Date																					Emitted (lbs/day)
11/2006 11/2007 11/2	11/10/06	System ru	inning on a	rrival and dep	arture.																	
11/14/14/		4,079	26,413	164	100	2		136.1	2,500	117						<14.34	<1,211.65	<0.25	<17.45	<0.24	<3.44	0.012
A-1944 A-1946 A																						
1																						
AIN	11/14/06	System ru	inning on a	rrival and dep	arture.																	
11/2006 System survives and control product of the control of		4,135	26,469	56	110	1		149.7	2,500	114												
142006 1																						
14/10/10/10/10/10/10/10/10/10/10/10/10/10/																						
A	11/20/06	System ru	inning on a	rrival and dep	arture.							0.0										
11/2 70 11/2 11		4,321	26,655	186	110	1	***	149.7	2,500	114												
11/27/10 11/27/27/27/27/27 196 11/27 10 1 11/27/27/27/27/27 196 11/27 11/27/27 11/27/27/27/27/27 196 11/27/27 11/27/27 11/27/27 11/27/27 11/27/27 11/27/27 11/27/27 11/27/27 11/27																						
11/17/10 11/1																						
AINT1 1	11/27/06	System ru	nning on a	rrival and dep	arture.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0										
A-INT A-IN		4,487	26,821	166	110	1	***	136.1	2,500	114		63.0										
12/05/06 System 13/05/06 System																						
12/05/06 A A A A A A A A A																						
12/15/06 System	12/05/06	System ru	nning on a	rrival and dep	arture.						,, _,,	0.0										
12/15/16/16 System		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
12/15/10 System																						
12/15/06 System down on arrival and running on departure. 4,784 27,118 107 110 1 136.1 2,500 114 A-INF 0.0 A-INT 0.0 A																						
A-INT1 0.0 A-INT2 0.0 A-INT2 0.0 A-INT3 0.0 A-INT5 0.0	12/15/06	System do	own on arri	val and runnir	ng on departure	e.					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0	-50.0	-0.000	-0.000							
12/21/06 System running on arrival and departure. 13/21/06 System running on arrival and departure. 13/21/06 System running on arrival and departure. 13/21/06 System down on arrival and running on departure. 13/21/06 System down		4,784	27,118	107	110	1		136.1	2,500	114	A-INF	16.0										
12/21/106 System running on arrival and departure. 136.1 2,500 119 A-INF 46.0																						
12/21/106 System running on arrival and departure.																						
A-INT1 0.0 A-INT2 0.0 A-INT2 0.0 A-INT3 0.0 A-INT3 0.0 A-INT5 0.0	12/21/06	System ru	nning on a	rrival and dep	arture.						71 (211	0.0										
12/27/06 System down on arrival and running on departure. 5,039 27,373 87 120 10 11 149,7 2,250 103 A-INT 0.0		4,952	27,286	168	100	10		136.1	2,500	119												
12/27/06 System down on arrival and running on departure. 5,039 27,373 87 120 10 11 149.7 2,250 103 A-INT1 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 01/05/07 System down on arrival and running on departure. 5,137 27,471 98 110 10 136.1 2,400 112 A-INT1 0.0																						
12/27/06 System down on arrival and running on departure. 5,039 27,373 87 120 10 11 149.7 2,250 103 A-INT 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 01/05/07 System down on arrival and running on departure. 5,137 27,471 98 110 10 136.1 2,400 112 A-INT 0.0 A-INT1 0.0																						
5,039 27,373 87 120 10 11 149.7 2,250 103 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 01/05/07 System down on arrival and running on departure. 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-INT2 0.0 A-INT2 0.0 A-INT2 0.0 A-INT2 0.0	12/27/06	System do	own on arri	val and runnir	g on departure	e.					re-carr	0.0										
A-INT2 0.0 A-EFF 0.0 01/05/07 System down on arrival and running on departure. 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		-					11	149.7	2,250	103	A-INF	0.0										
A-EFF 0.0 01/05/07 System down on arrival and running on departure. 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																						
01/05/07 System down on arrival and running on departure. 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																						
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	01/05/07	System do	own on arriv	val and runnin	g on departure	e.					V-CLL	0.0										
A-INT2 0.0		-					10	136.1	2,400	112	A-INF	0.0										
A-Erf U.U																						
											A-EFF	0.0										

		····			Fleld M	easureme	nts					Laborato	ry Analytica	al Resulte	TPHo F	Removed	Renzene	Removed	MTBE F	emoved	Benzene
	Hour	Total	Hours of	Temp EFF				Flow	Flow	Sample	PID	TPHg	MTBE			Cumulative		Cumulative		Cumulative	Emitted
Date	Meter	Hours	Operation		("H20)		(in H2O)	(fpm)	(scfm)	ID		(mg/M³)	(mg/M³)	(mg/M³)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(lbs/day)
01/12/07	System ru	nning 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 A-INT2	0.0 0.0	<50.0 <50.0	<0.500 <0.500	<0.500 <0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
01/19/07				ig on departure			400.4	5.400													
	5,370	27,704	73	110	10	10	136.1	2,400	112	A-INF A-INT1	6.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/26/07	System ru: 5,528	nning on a 27,862	rrival and dep 158	arture. 110	10	8	108.84	2,600	121	A-INF	1.0										
	0,020	27,002	100	110	10	٥	100.04	2,000	121	A-INT1	0.0										
										A-INT2	0.0										
00100107	0									A-EFF	0.0										
02/02/07	5,696	nning on a 28,030	rrival and dep 168	aπure. 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	0.00	1,200.01	0.50				*****
										A-INT2	0.0	<50.0	<0.500	<0.500							
02/09/07	System rui	nnina an a	rrival and dep	arture						A-EFF	0.0	<50.0	<0.500	<0.500							
02/00/07	5,865	28,199	169	90	9	8	108.84	2,400	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
02/16/07	System rui	nning on a	rival and lock	ed out/tagged	out on depar	rture.				r-uci	0.0										
	6,033	28,367	168	110	0	8	108.84	2,400	109	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-IN1Z A-EFF	0.0 0.0										
02/23/07	System loc	cked out/ta	gged out on a	rrival and depa	arture.																
03/02/07	-			rrival and depa																	
03/09/07	-			rrival and depa																	
04/03/07	6,033	жеа ошиа 28,367	gged out on a 0	rrival, restarte 110	a, and runnin O	ig on depart 8	ure. 108.84	2,600	118	A-INF	2.0										
	0,000	10,007	•		Ŭ	·	100.01	2,000	110	A-INT1	0.0										
										A-INT2	0.0										
04/12/07	Custom ou		wind and dan							A-EFF	0.0										
04/12/07	6,240	28,574	rival and dep 207	arture. 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
		-								A-INT1	0.0	<50.0	0.703	888.0		,					
										A-INT2	0.0	<50.0	0.646	<0.500							
04/20/07	System rur	nning on a	rival and dep	arture.						A-EFF	0.0	<50.0	<0.500	<0.500							
0 HE0101	6,430	28,764	190	110	0	8	108.84	2,600	118	A-INF	4.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					ه د اداد	longueses :	nto					·····	n/ A no!-4:	ol Operation	Tml.i.e.) company		Demouse	MIDE	Pamayad	Benzene
		T				leasureme			-		DIO		ry Analytica		Ĭ	Removed	1	Removed		Removed	Emitted
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		TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	(pounds)	Cumulative (pounds)	(pounds)	Cumulative (pounds)	(lbs/day)
04/25/07	System do	own on arri	val and runnir	ng on departur	e.																
	6,475	28,809	45	110	0	8	108.84	2,600	118	A-INF	4.0										
										A-INT1	0.0										
										A-INT2	0.0										
05/04/07	System de	own on arri	val and ruppin	ig on departur	е					A-EFF	0.0										
00/0 //01	6,491	28,825	16	110	0	8	108.84	2,600	118	A-INF	2.0										
										A-INT1	0.0										
										A-INT2	0.0										
0044407			and an advanced							A-EFF	0.0										
05/11/07	6,647		vai and runnin 156	ig on departur 120	e. 0	8	108.84	2,600	116	A-INF	4.0	<50.0	<0.500	<0.500	<9.10	<1,280.25	<0.09	<18.32	<0.09	<4.29	<0.005
	0,047	20,301	100	120	v	·	100.04	2,000	1,0	A-INT1	0.0	<50.0	0.973	<0.500	~5.10	11,200.20	40.00	10.02	-0.00	11,20	10.000
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	< 0.500	< 0.500							
05/17/07				ig on departur																	
	6,760	29,094	113	100	0	6	81.63	2,600	121	A-INF A-INT1	3.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/25/07	System ru	nning on a	rrival and dep	arture.																	
	6,930	29,264	170	100	0	6	81.63	2,600	121	A-INF	2.0										
										A-INT1 A-INT2	0.0										
										A-IN12 A-EFF	0.0										
06/08/07	System ru	nning on a	rrival and shu	l down on dep	arture.						0.0										
	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										
06/21/07	System dr	wn on arriv	val and runnin	g on departure	۵					A-EFF	0.0										
00/2 1/01	•	29,762	144	100	0	8	108.84	2,600	121	A-INF	1.0	b	b	b							
										A-INT1	0.0	<50.0	<0.500	< 0.500							
										A-INT2	0.0	<50.0	1.17	<0.500							
00100107	0									A-EFF	0.0	<50.0	<0.500	<0.500							
06/29/07	7,615	wn on arm 29,949	vai and runnin 187	g on departure 150	e. O	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
	7,010	25,545	107	100	v	O	100,04	2,000	111	A-INT1	0.0	<50.0	<0.500	0.753	~20.50	~1,500.00	~0.21	-10.00	10.21	17.00	-0,000
										A-INT2	0.0	<50.0	1.81	< 0.500							
										A-EFF	0.0	<50.0	<0.500	< 0.500							
07/06/07	-			g on departure		_															
	7,660	29,994	45	150	0	7	95.24	2,400	102	A-INF A-INT1	0.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					Fleld M	easureme	nts					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)
07/11/07	System do	own on arri	val and runnit	ng on departur	е	***************************************					•		***************************************	······	<u></u>	······································	<u> </u>	***************************************	<u></u>		
********	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										
07/18/07	Svetom de	owo oo acci	val and cunnic	ng on departur						A-EFF	0.0										
01110701		30,153	116	80	0	6	81.63	3,000	144	A-INF	1.0										
		·								A-INT1	0.0										
										A-INT2	0.0										
0.000.00										A-EFF	0.0										
07/20/07	-	own on arm 30,192	vai and runnir 39	g on departure	e. 					A-∤NF											
	7,000	30,152	39	***		***			**-	A-INT1											
										A-INT2											
										A-EFF											
07/24/07			rrival and dep		_	_															
	7,952	30,286	94	70	0	6	81.63	3,200	157	A-INF	1.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
07/31/07	System ru	nning on a	rrival and dep	arture.																	
	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 A-EFF	0.0 0.0	<50.0 b	<0.500 b	<0.500 b							
08/09/07	System ru	nning on a	rrival and dep	arture.							0.0	~	v	~							
	8,337	30,671	217	80	0	6	81.63	3,400	164	A-INF	0.0	1,100	27.5	27.5	<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 rui	nnino on a	rrival and dep	arture						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										
										A-INT1	0.0										
										A-INT2	0.0										
00/00/07	0									A-EFF	0.0										
08/23/07		nning on ai 31,008	rrival and dep 216	ariure. 85	0	6	81.63	3,000	143	A-INF	0.0										
	0,014	51,000	210	00	V	v	01.00	3,000	140	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/28/07				nning on depar		^	04.00	0.000	4.00												
	8,780	31,114	106	85	0	6	81.63	3,000	143	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										

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		~							_,			İ	ry Analytica		_	Removed	1				Emitted
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)	(lbs/day)
09/07/07	System ru	nning on a	rrival 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 ru	nning on a	rrival and dep	arture						A-EFF	0.0										
00,14,01	·-	31,504	168	100	0	6	81.63	3,000	139	A-INF	0.0	<11d	0.097d	0.097d	<261.88	<1,652.81	7.00	<27.69	6.51	<13.01	0.000
										A-INT1	0.0	<11d	0.26d	0.0099d							
										A-INT2	0.0	<11d	0.25d	0.0055d							
										A-EFF	0.0	<11d	<0.0072d	0.0029d							
09/21/07		nning on a 31,671	rrival and dep 167		٥	•	04.00	2 000	420	A 1827*	0.0										
	9,337	31,071	107	100	0	6	81.63	3,000	139	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/28/07	System ru	nning on a	rival and dep	arture.																	
	9,505	31,839	168	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
10/02/07	System rui	nning on a	rival and shut	down on dep	arture.					A-EII	0.0										
	-	31,936	97	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
40105107	0		براد لدمم امرائده							A-EFF	0.0										
10/05/07		31,936	0 (101 and 101	nning on depa 100	rture. 0	6	81.63	3,000	139	A-INF	0.0										
	3,002	01,000	•	100	v	Ü	01.00	0,000	103	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/12/07		-	rival and dep		_	_															
	9,770	32,104	168	100	0	6	81.63	3,200	148	A-INF A-INT1	0.0	<11	0.69c/0.40 b	0.69c/0.40	<3.55	<1,656.35	0.00	<27.69	0.13	<13.14	0.000
										A-INT2	0.0 0.0	b <11	0.36c/0.14	b n nna							
										A-EFF	0.0	<11	0.014	0.007							
10/16/07	System rui	nning on a	rival and depa	arture.																	
	9,866	32,200	96	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
10/22/07	System ru	nnina oa a	rival and dep	arture						A-EFF	0.0										
IVIZZIVI	10,012		146	100	0	6	81.63	3,200	148	A-INF	0.0										
	,	,-			-	_		-,		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

					Fleid M	easureme	nts				~~~~~~~	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)
11/02/07	System ru	nning on a	rrival and dep	parture.																	
	10,273	32,607	261	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
11/09/07	System ru	nning on a	rrival and dep	parture.						7-611	0.0										
	10,444	32,778	171	100	0	6	81.63	3,200	148	A-INF	0.0	<11	0.36	0.36	<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 <11	0.42	0.014							
11/16/07	System ru	nning on a	rrival and dep	arture.						A-CFF	0.0	~ 11	<0.0072	<0.0016							
	•	32,944	166	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
11/21/07	Svetam ru	nnina on a	rrival and dep	ortura						A-EFF	0.0										
1 112 1101		33,062	118	100	0	6	81.63	3,000	139	A-INF	0.0										
	., .									A-INT1	0.0										
										A-INT2	0.0										
44100107	C		سماد فيست المرائب							A-EFF	0.0										
11/26/07	,	aning on a 33,182	rrival and dep 120	100	0	6	81.63	3,000	139	A-INF	0.0										
	10,070	00,102	120	100	J	Ū	01.00	0,000	100	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/07/07	System ru 11,112	-	rrival and dep 264	earture. 90	0	6	81.63	3,000	142	A-INF	0.0	<11	0.12	0.12	<3.99	<1,664,45	<0.00	<27.69	0.09	<13.42	<0.000
	11,112	33,440	204	30	U	U	01.03	3,000	142	A-INT1	0.0	<11	0.12	0.0029	~3.58	×1,004,40	~0.00	~27.09	0.09	~13. 4 2	~0.000
										A-INT2	0.0	<11	0.12	<0.0016							
										A-EFF	0.0	<11	< 0.0072	<0.0016							
12/13/07			val and depar		•	•	04.00	0.000	447	4 11/17											
	11,235	33,569	123	160	0	6	81.63	2,800	117	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/14/07	•																				
	11,261		26	160	0																
12/19/07	11,262		vai and runnir 1	ng on departun 160	e. 0	6.5	88.44	2,800	117	A-INF	0.0										
	11,202	25,290	,	100	•	0.0	00.44	2,000		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/21/07	•		rrival and dep		•		00.44		445												
	11,303	33,637	41	160	0	6.5	88.44	2,800	117	A-INT1	0.0 0.0										
										A-INT2	0.0										
										A-EFF	0.0										

#,				***************************************	Fleld M	easureme	nts	***************************************	······································	······································	************	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)	MTBE (mg/M³)	Benzene (mg/M³)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
12/27/07	System ru	nning on a	rrival and deg	arture.																	
	•	33,804	167	160	0	6.5	88.44	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-₹NT2	0.0										
01/04/08	Custom de		ual and dana	dumo.						A-EFF	0.0										
01/04/08	11,636		val and depar 166	160	0																
01/07/08				ng on departur																	
01101100	11,636	33,970	0	160	0	6	81.63	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/18/08			rrival and dep																		
	11,904	34,238	268	160	0	6	81.63	2,800	117	A-INF	0.0	<11d		<0.0072d	<4.22	<1,668.67	<0.00	<27.69	<0.02	<13.44	0.000
										A-INT1	0.0	<11d	0.20d	0.0156							
										A-INT2	0.0	<11d	0.31d	<0.0016d							
01/25/08	System da	um on arri	ual and sugnir	ng on departur	0					A-EFF	0.0	<1d	0.0440	0.0028d							
01/25/06	12,045		141	135	0	6	81.63	3,100	135	A-INF	0.0										
	14,010	01,010			•	•	01.00	0,100	.00	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/27/08	System do	wn on arri	val and runnir	ng on departur	e.																
	12,052	34,386	7	145	0	6	81.63	3,000	129	A-INF											
										A-INT1	***										
										A-INT2											
01/31/08	C. atom do		und and supplie	a an donoctur	•					A-EFF											
01/31/08	12,140		vai and runnii 88	ng on departur 160	e. 0	7	95.24	2,600	109	A-INF	0.0										
	12,140	O4,414	00	100	Ü	,	33.24	2,000	100	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/08/08	System ru	nning on a	rrival and dep	arture.																	
	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										
00/45/00	0		معاملة المستعد المدائدة							A-EFF	0.0										
02/15/08	12,481		rrival and dep 220	anure. 150	0	5	68.03	2,800	119	A-INF	0.0	<11d	0.12d	0.12d	<2.81	<1,671.48	<0.00	<27.69	<0.02	<13.46	<0.000
	12,401	34,010	220	150	U	3	00.03	2,000	119	A-INT1	0.0	<11 d		0.0059 d	~2,01	\1,071.40	<0.00	~27.09	\0.02	13.40	~0.000
										A-INT2	0.0	<11 d		<0.0016 d							
										A-EFF	0.0	<11d		<0.0016 d							
02/22/08	System ru	nning on a	rrival and dep	arture.																	
		34,985	170	150	0	5.5	74.83	2,800	119	A-INF	8.0										
										A-INT1	1.4										
										A-INT2	8.0										
										A-EFF	0.0										

												,		- L D M -	I more		T 5	Developed	MTDE	2	I Dannar :
						easureme							y Analytica		-	Removed	ļ	Removed		Removed	Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)		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)	(lbs/day)
02/26/08	System ru	nning on a	rrival and dep	arture.																	
	-	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 ru	nnina on a	rrival and dep	artura						A-EFF	0.0										
03/00/06	-	35,322	242	160	0	5.5	74.83	2,600	109	A-INF	3.7										
	. 2,000	00,000			•	4.0		-,000		A-INT1	3.7										
										A-INT2	2.2										
										A-EFF	0.7										
03/14/08		-	rrival and dep																		
	13,150	35,484	162	160	0	5.5	74.83	2,600	109	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/21/08	System ru	nning on a	rrival and dep	arture.																	
	13,327	35,661	177	162	0	6.0	81.63	3,000	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
03/28/08	System ru	nning on a	rrival and dep	arture.						A-CFF	0.0										
00/20/00	•	35,825	164	160	0	5.5	74.83	2,600	109	A-INF	0.0	<11d	0.059d	0.059d	<4.74	<1,676.22	<0.00	<27.69	0.04	<13.50	<0.000
										A-INT1	0.0	<11d	0.13d	0.0043d							
										A-INT2	0.0	<11d	0.17d	<0.0016d							
										A-EFF	0.0	<11d	<0.0072d	<0.0016d							
04/05/08	System rui 13,656		rrival and dep 165	arture. 155	0	5.5	74.83	2,600	110	A-INF	0.0										
	13,030	33,990	105	100	v	0.5	74.00	2,000	110	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/11/08	•	•		n on departure																	
	13,825	36,159	169	155	0	5.5	74.83	2,600	110	A-INF	0.0	<11	0.037	0.037	<1.50	<1,677.72	<0.00	<27.69	0.01	<13.50	<0.000
										A-INT1 A-INT2	0.0 0.0	<11 <11	0.11 0.14	0.0056 <0.0016							
										A-IN : Z A-EFF	0.0	<11		<0.0016							
04/15/08	System do	wn on arri	al and runnin	g on departure	в.					· · • · ·	0.0		0.00.2	0.0070							
	•	36,252	93	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
04100100	0		والمسامرة							A-EFF	0.0										
04/22/08	System rui 14,085	-	rrival and dep 167	arture. 160	0	5.5	74.83	2,600	109	A-INF	0.0										
	14,000	30,418	107	100	v	0.0	14.00	2,000	109	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

05/02/08 System running on arrival and departure. 14,326 38,660 241 160 0 5.0 68.03 2,600 109 A-INF 0.0 A-INT1 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT	ulative (Ibs/day)
14,326 36,660 241 160 0 5.0 68.03 2,600 109 A.INF 0.0 A.INF	
14,326 36,860 241 160 0 5.0 68.03 2,600 109 A-INT 0.0 A-INT	
A-INT A-IN	
A-EFF 1.0 Color 1.4 1.5 Color 1.	
System running on arrival and departure. System running on arriv	
A-INT1 Column C	
No.	3.53 <0.000
No.	
14,650 36,984 237 160 0 5.0 68.03 2,800 117 A-INF 0.0	
A-INT1 0.0 O5/23/08 System running on arrival and departure. 14,819 37,153 169 160 0 5.0 68.03 2,800 117 A-INF 0.0 A-EFF 0.0 O5/28/08 System running on arrival and departure. 14,940 37,274 121 160 0 5.0 68.03 2,800 117 A-INF 0.0 A-EFF 0.0 O6/03/08 System running on arrival and departure. 14,940 37,274 121 160 0 5.0 68.03 2,800 117 A-INF 0.0 A-INT1 0.0 A-INT1 0.0 A-INT1 0.0 A-INT1 0.0 A-INT1 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 O6/03/08 System running on arrival and departure. 15,083 37,417 143 150 0 5.0 68.03 2,800 119 A-INF 0.0 A-INT1 0.0	
No.	
Note	
05/23/08 System running on arrival and departure. 14,819 37,153 169 160 0 5.0 68.03 2,800 117 A-INT 0.0 A-INT	
A-INT1 0.0 A-INT2 0.0 A-System running on arrival and departure. 14,940 37,274 121 160 0 5.0 68.03 2,800 117 A-INF1 0.0 A-BFF 0.0 A-INT1 0.0 A-INT1 0.0 A-INT2 0.0 A-INT3 0.0 A-INT3 0.0 A-INT3 0.0	
No.	
System running on arrival and departure. 14,940 37,274 121 160 0 5.0 68.03 2,800 117 A-INF 0.0	
05/28/08 System running on arrival and departure. 14,940 37,274 121 160 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 System running on arrival and departure. 15,083 37,417 143 150 0 5.0 68.03 2,800 119 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-INT2 0.0 A-INT3 0.0 A-INT1 0.0 A-INT1 0.0 A-INT1 0.0 A-INT1 0.0	
A-INT1 0.0 A-INT2 0.0 A-INT2 0.0 A-EFF 0.0 06/03/08 System running on arrival and departure. 15,083 37,417 143 150 0 5.0 68.03 2,800 119 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-INT2 0.0	
A-INT2 0.0 A-EFF 0.0 06/03/08 System running on arrival and departure. 15,083 37,417 143 150 0 5.0 68.03 2,800 119 A-INF 0.0 A-INT1 0.0 A-INT2 0.0	
A-EFF 0.0 06/03/08 System running on arrival and departure. 15,083 37,417 143 150 0 5.0 68.03 2,800 119 A-INF 0.0 A-INT1 0.0 A-INT2 0.0	
06/03/08 System running on arrival and departure. 15,083 37,417 143 150 0 5.0 68.03 2,800 119 A-INF 0.0 A-INT1 0.0 A-INT2 0.0	
A-INT1 0.0 A-INT2 0.0	
A-INT2 0.0	
A-EFF 0.0	
06/13/08 System running on arrival and departure.	
· · · · · · · · · · · · · · · · · · ·	3.59 <0.000
A-INT1 0.0 <11 0.27 0.0094	
A-INT2	
06/17/08 System running on arrival and departure.	
15,418 37,752 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 System running on arrival and departure.	
15,565 37,899 147 100 0 5.5 74.83 2,800 130 A-INF 0.0	
A-INT1 0.0	
A-INT2 0.0 A-EFF 0.0	
A-CFF U.U	

					Fleid M	easureme	nts					Laborato	ry Analytica	l 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)
07/03/08	System ru	inning on a	rrival and dep	arture.																	
		38,136	237	100	0	5.5	74.83	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
07/08/08	System ru	inning on a	rrival and dep	arture.						A-E1 :	0.0										
	15,920	38,254	118	120	0	5.5	74.83	2,800	125	A-INF	0.0	<11	0.047	0.047	<2.98	<1,687.58	<0.00	<27.70	0.02	<13.61	<0.000
										A-INT1	0.0	<11	0.17	0.0061							
										A-INT2 A-EFF	0.0 0.0	<11 <11	0.28 0.014	<0.0016 <0.0016							
07/14/08	System Lo	ock out/tag	out for LPC c	arbon change	out.					A-CI I	0.0	311	0.014	~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	0.16	< 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 A-EFF	0.0 0.0	<11 <11	0.077 <0.0072	<0.0016 <0.0016							
07/21/08	System ru	nning on a	rrival and dep	arture.										0.00.0							
	16,205	38,539	144	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-RV12 A-EFF	0.0										
07/29/08	System ru	nning on a	rrival and dep	arture.																	
	16,395	38,729	190	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
08/08/08	System ru	nning on a	rrival and dep	arture.																	
	16,632	38,966	237	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-INT2	0.0										
08/15/08	System ru	nning on a	rrival and dep	arture.																	
	16,806	39,140	174	175	0	7.0	95.24	2,000	82	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
08/22/08	System ru	nning on a	rrival and dep	arture.																	
	16,971	39,305	165	200	0	7.0	95.24	2,600	102	A-INF	0.0	<11d	0.062d	0.062d	<4.26	<1,692.57	0.00	<27.70	0.04	<13.66	0.000
										A-INT1	0.0	<11 d <11 d	0.099 d	0.018 d							
										A-INT2 A-EFF	0.0 0.0	<11d	0.0075 a	0.0098 d 0.0039d							
08/29/08	System ru	nning on a	rrival and dep	arture.																	
	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										
										71 1	0.0										

	·····				Fleid M	easureme	nts			······································		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 (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID		TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)		Cumulative (pounds)	Emitted (lbs/day)
09/05/08	System ru	nning on a	rrival and dep	arture.			***************************************			*************			***************************************	······································			***************************************		<u> </u>	***************************************	***************************************
	17,307	39,641	170	100	0	7.0	95.24	2,600	121	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
09/12/08		-	rrival and dep																		
	17,472	39,806	165	100	0	6.0	81.63	2,600	121	A-INF A-INT1	0.0	<11 <11	0.029 0.011	0.029 0.0029	<2.30	<1,694.87	<0.00	<27.70	0.01	<13.67	<0.000
										A-INT2	0.0	<11	0.13	<0.0016							
										A-EFF	0.0	<11	0.0075	<0.0016							
09/19/08	17,631		val and runnir 159	ig on departur 100	e. 0	6.0	81.63	2,800	130	A-INF	0.0										
	.,,001	00,000	,00	100	Ü	0.0	01.00	2,000	100	A-INT1	0.0										
										A-INT2	0.0										
09/26/08	System rui	nning on a	rrival and dep	arture.						A-EFF	0.0										
00.20.00	17,796	-	165	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
10/03/08	-	-	rrival and dep	arture.																	
	17,964	40,298	168	120	0	5.0	68.03	2,900	130	A-∤NF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
10/10/08	System rur 18,132	-	rrival and dep 168	arture. 120	0	5.0	68.03	2,900	130	A 11/2	0.0	-44	0.00+	0.00+	12.10	44 000 07	-0.00	407 7A	0.05	440.70	-0.000
	10,132	40,400	100	120	U	5.0	00.03	2,800	130	A-INF A-INT1	0.0 0.0	<11 <11	0.29c 0.19	0.29c 0.0044	<3.40	<1,698.27	<0.00	<27.70	0.05	<13.72	<0.000
										A-INT2	0.0	<11	0.24	< 0.0016							
10/17/08	Suctam rur	onina on a	rrival and dep	orturo						A-EFF	0.0	<11	<0.0072	<0.0016							
10/11/00	18,303	-	171	120	0	5.0	68.03	2,900	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
10/31/08	System rur	nning on a	rival and dep	arture.						A-CFF	0.0										
	18,640	40,974	337	150	0	6.0	81.63	2,700	115	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
11/07/08			rival and dep																		
	18,804	41,138	164	130	0	6.0	81.63	2,700	119	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

						easureme						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 (sofm)	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)
11/15/08	System ru	inning on a	rrival 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 A-EFF	0.0										
11/17/08	System ru	inning on a	rrival and dep	arture.						A-Err	0.0										
	•	41,326	19	105	0	6.0	81.63	2,700	124	A-INF	0.0	<11	0.19	0.19	<4.49	<1,702.76	<0.00	<27.70	0.10	<13.81	<0.000
										A-INT1	0.0	<11	0.20	0.0023							
										A-INT2	0.0	<11	0.092	<0.0016							
11/25/08	System ru	nning on a	rrival and dep	arture						A~EFF	0.0	13	0.022	<0.0016							
11/25/00		41,490	164	100	0	5.0	68.03	2,800	130	A-INF	0.0										
		,				• • • • • • • • • • • • • • • • • • • •		21000		A-INT1	0.0										
										A-INT2	0.0										
40/05/00	0									A-EFF	0.0										
12/05/08		nning on a 41,729	rrival and dep 239	arture. 100	0	5.0	68.03c	2,800	130	A-INF	0.0										
	10,000	41,120	200	100	Ū	3.0	00.000	2,000	130	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/12/08			rrival and dep			5.0	00.00	0.700	405				0.44			. =					
	19,397	41,731	2	100	0	5.0	68.03c	2,700	125	A-INF A-INT1	0.0	<5.7 <5.7	0.14 0.15	0.14 0.0018	<1.58	<1,704.34	0.00	<27.71	0.03	<13.84	<0.000
										A-INT2	0.0	<5.7	0.098	<0.0016							
										A-EFF	0.0	<5.7	0.028	< 0.0016							
12/16/08	•	•	rrival and dep																		
	19,492	41,826	95	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
12/24/08	-	-	rrival and dep																		
	19,689	42,023	197	110		5.0	68.03	2,800	128	A-INF	4.0										
										A-INT1 A-INT2	0.0										
										A-IN12	0.0										
01/02/09	System rui	nning on a	rrival and dep	arture.							4.0										
	19,899	42,233	210	110		5.0	68.03	2,900	132	A-INF	3.5										
										A-INT1	0.0										
										A-INT2	0.0										
01/09/09	System rur	nning on a	rival and dep	arture.						A-EFF	0.0										
	20,067	42,401	168	110		5.0	68.03	2,900	132	A-INF	0.0	<5.7	0.13	0.13	<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		-					
										A-INT2	0.0	<5.7	0.079	<0.0016							
										A-EFF	0.0	<5.7	880.0	<0.0016							

					Fleid M	easureme	nts					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)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (ibs/day)
01/16/09	System ru	nning on a	rrival and dep	arture.													•				
	20,234	42,568	167	110		5.0	68.03	2,900	132	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
01/20/09	System ru	nnino on a	rrival and dep	arture						A-EFF	0.0										
0 1720100		42,665	97	110	***	5.0	68.03	2,900	132	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
01/30/09	Cuntom su	nning on g	eriusi and don	ont uno						A-EFF	0.0										
01/30/09	•	42,906	rrival and dep 241	110 110	***	5.0	68.03	2,900	132	A-INF	0.0										
	20,072	12,000		,,,,		0.0	00.00	2,000	.02.	A-INT1	0.0										
										A-INT2	0.0										
	_									A-EFF	0.0										
02/06/09		nning on a 43,072	rrival and dep 166	arture. 110		5.0	68.03	2,400	109	A-INF	0.0										
	20,736	43,072	100	110		5.0	06.03	2,400	109	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/13/09	•	-	rrival and dep																		
	20,904	43,238	166	110	***	5.0	68.03	2,800	128	A-INF A-INT1	0.0	<5.7 <5.7	0.15 0.13	0.15 0.0024	<2.32	<1,708.49	<0.00	<27.71	0.06	<13.95	<0.000
										A-INT2	0.0	<5.7 <5.7	0.13	< 0.0024							
										A-EFF	0.0	<5.7	0.20	< 0.0016							
02/20/09		-	rrival and dep																		
	21,072	43,406	168	110	***	5.0	68.03	2,800	128	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-EFF	0.0										
02/27/09	System rui	nning on a	rrival and dep	arture.																	
	21,240	43,574	168	110		5.0	68.03	3,100	141	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-miz A-EFF	0.0										
03/06/09	System rui	nning on a	rrival and dep	arture.							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										
03/13/09	System rui	nning on a	rrival and dep	arture.						A-EFF	0.0										
_0,,0,00	21,574	-	168	110		5.0	68.03	3,100	141	A-INF	0.0	<5.7	0.078	0.078	<1.92	<1,710.41	0.00	<27.71	0.04	<13.98	<0.000
										A-INT1	0.0	<5.7	0.27	0.0019							
										A-INT2	0.0	<5.7	0.069	<0.0016							
										A-EFF	0.0	<5.7	0.11	<0.0016							

					Fleid M	leasureme	nts	·····		~~	····	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)
03/20/09	System ru	nning on a	rrival and dep	arture.																	
	21,740	-	166	120	No Nove	5.0	68.03	3,000	134	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
03/23/09	System ru	nning on a	rrival and dep	arture.						A-E-1	0.0										
	21,830	-	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	rrival and dep	arture.						A-CFF	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										
04/07/09	System rui	nning on a	rrival and dep	arture.						A-EFF	0.0										
0.401100	22,175	-	172	100		5.0	68.03	2,600	121	A-INF	0.0	<5.7	0.26	0.26	<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 rui	nnina on a	rrival and dep	acture						A-EFF	0.0	<5.7	0.13	<0.0016							
04/1//00	22,417	-	242	100		5.0	68.03	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
04/24/09	Suctam rui	nnina on a	rrival and dep	arlura						A-EFF	0.0										
04124108	22,578		161	110		5.0	68.03	2,600	118	A-INF	0.0										
	•									A-INT1	0.0										
										A-INT2	0.0										
05/01/09	Sustam cui	onina on a	rrival and dep	arturo						A-EFF	0.0										
05/01/05	22,747	-	169	100	***	5.0	68.03	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
05/08/09	Cuntom au	onina an a	rrival and dep	aduro						A-EFF	0.0										
05/06/09	22,912		165	100		5.0	68.03	2,600	121	A-INF	0.0										
	,	,						_,		A-INT1	0.0										
										A-INT2	0.0										
OEMEIOO	Cuntom		eriual and dan	Orduro.						A-EFF	0.0										
05/15/09	23,110	nning on a 45,444	rrival and dep 198	arture. 100		5.0	68.03	2,000	93	A-INF	0.0	<5.7	0.34	0.34	<2.13	<1,714.21	<0.00	<27.71	0.11	<14.15	<0.000
	20,110	-0,	.50	.00		5.5	00.00	2,000	55	A-INT1	0.0	<5.7	0.44	0.0042	-2.10	117 (7.21	-5.00		W. 1 7	,,,	2.200
										A-INT2	0.0	<5.7	0.12	<0.0016							
										A-EFF	0.0	<5.7	0.40	<0.0016							

					Fleld M	easureme	nts					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 (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID		TPHg (mg/M³)	MTBE (mg/M³)			Cumulative (pounds)		Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
05/22/09	System do	own on arri	val and runnir	ng on departur	e.			***************************************				4	***************************************		•		· · · · · · · · · · · · · · · · · · ·		***************************************		***************************************
	-	45,570	126	110	***	5.0	68.03	2,800	128	A-∤NF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
05/29/09	-		rrival and dep																		
	23,405	45,739	169	120		5.0	68.03	2,600	116	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
06/05/09				ng on departure																	
	23,519	45,853	114	120		5.0	68.03	2,600	116	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/11/09		-	rrival and dep				00.00										-0.45		0.40		
	23,658	45,992	139	110		5.0	68.03	2,600	118	A-INF A-INT1	0.0 0.0	<5.7 <5.7	0.87 0.38	0.87 0.0025	<1.23	<1,715.45	<0.00	<27.71	0.13	<14.28	<0.000
										A-INT2	0.0	<5.7	0.15	< 0.0016							
00110100										A-EFF	0.0	<5.7	0.72	<0.0016							
06/12/09	System do 23,670		val and runnin 12	ig on departure 110	9.	0.0	0	2,600	118	A-INF											
	20,570	10,004				0.0	Ū	2,000	110	A-INT1											
										A-INT2											
06/19/09	System ru	onina an a	rrival and dep	orturo						A-EFF											
00/12/03	23,855	-	185	120		4.5	61.22	2,600	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
06/26/09	System rui	nning on a	rrival and dep	arture.						A-EFF	0.0										
	24,001	-	146	100		5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
06/29/09	System rui	nning on a	rival and dep	arture.						A-LIT	0.0										
	24,076	46,410	75	100		5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
07/10/09	System rui	nning on a	rival and dep	arture.																	
	24,339	46,673	263	100	***	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										

					Fleld M	easureme	nts					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)			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)
07/17/09	System ru	inning on a	rrival and dep	arture.																	
	24,509	46,843	170	100		5.0	68.03	2,400	111	A-INF	0.0	<5.7	0.034	0.034	<2.08	<1,717.53	0.00	<27.71	0.17	<14.44	<0.000
										A-łNT1	0.0	<5.7	0.27	0.0030							
										A-INT2	0.0	< 5.7	0.24	<0.0016							
07/24/09	System su	enina on a	rrival and dep	andure.						A-EFF	0.0	<5.7	0.33	<0.0016							
01124109	•	47,009	166	100		5.0	68.03	2,400	111	A-INF	0.0										
	27,010	,000		100		0.0	00.00	2,100		A-INT1	0.0										
										A-INT2	0.0										
										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 A-INT2	0.0 0.0										
										A-INTZ A-EFF	0.0										
08/04/09	System ru	nning on a	rrival and dep	arture.																	
	24,943	47,277	101	100		5.0	68.03	2,400	111	A-INF	0.0	<5.7d	0.069d	0.069d	<1.03	<1,718.56	0.00	<27.71	0.01	<14.45	0.000
										A-INT1	0.0	<5.7d	0.33d	0.0083d							
										A-INT2	0.0	<5.7d	0.31d	0.0046d							
08/14/09	Custom ru	nnina on a	rrival and dep	erturo						A-EFF	0.0	<5.7d	0.53d	0.0035d							
06/14/09		47,513	236	100		5.0	68.03	2,400	111	A-INF	0.0										
	20,110	,5.0	200	100		0.0	00.00	2,100	, , ,	A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/21/09	•	_	rrival and dep																		
	25,347	47,681	168	100	***	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1 A-INT2	0.0 0.0										
										A-INTZ A-EFF	0.0										
08/28/09	System rui	nning on a	rrival and dep	arture.							***										
	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										
00/04/00	Cuntom cu	noina on a	reival and dan	artura						A-EFF	0.0										
09/04/09	•	48,015	rrival and dep 162	110		5.0	68.03	2,500	114	A-INF	0.0										
	20,001	40,010	102	110		0.0	00.00	2,000		A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/11/09		-	rrival and dep																		
	25,849	48,183	168	110		5.0	68.03	2,400	109	A-3NF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
										W-CFF	0.0										

					Fleid M	easureme	nts			· · · · · · · · · · · · · · · · · · ·		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)	Per Period (pounds)	Cumulative (pounds)	Emitted (lbs/day)
09/14/09	System rui	nning on a	rrival and dep	arture.											······································				***************************************		
	25,924	48,258	75	95		5.0	68.03	2,600	122	A-INF	0.0	<5.7	0.11	0.11	<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							
										A-INT2 A-EFF	0.0 0.0	<5.7 <5.7	0.35 0.33	<0.0016 <0.0016							
09/25/09	System rui	nning on a	rrival and dep	arture.						,, _,	0.0	~	0.00	0.0010							
	26,185	48,519	261	100		5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0 0.0										
10/02/09	System rui	nning on a	rrival and dep	arture.							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 A-EFF	0.0										
10/10/09	System rur	nning on a	rrival and dep	arture.						74-117	0.0										
	26,545	48,879	193	95		5.0	68.03	2,600	122	A-INF											
										A-INT1											
										A-ŧNT2 A-EFF											
10/15/09	System rur	nning on a	rival and dow	n on departure	e for carbon o	changeout.				A-LI I											
	26,665	-	120	105		5.0	68.03	2,600	120	A-INF	1.0	<5.7	< 0.0072	< 0.0072	<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							
										A-INT2 A-EFF	0.0	<5.7 <5,7	0.54 0.24	<0.0016 <0.0016							
10/19/09	System do	wn on arriv	ral for carbon	changeout and	d running on	departure.				MELL	0.0	-3,7	0.24	~0.0010							
	26,666	49,000	1	95		5.0	68.03	2,750	129	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
10/30/09	System rur	nning on a	rival and depa	arture.						A-EFF	0.0										
	26,928	-	262	155		5.4	73.47	2,300	97	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
11/06/09	System run	nnino on ai	rival and depa	arture						A-EFF	0.0										
11100100	27,098	-	170	145		5.5	74.83	2,600	112	A-INF	0.0	<5.7	<0.0072	<0.0072	<1.07	<1,723.97	<0.00	<27.72	<0.00	<14.51	<0.000
										A-INT1	0.0	<5.7	0.39	0.0065							
										A-INT2	0.0	<5.7	0.59	0.0036							
11/13/09	System sus	onina on er	rival and depa	artura						A-EFF	0.0	<5.7	0.27	<0.0016							
11/10/09	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										

Meter Hours Operation (deg F) ("H20) ("Hg) (in H2O) (fpm) (scfm) ID (ppmv) (mg/M³) (mg/M³) (mg/M³) (pounds) (pounds) (pounds) (pounds)	e Removed		Benzene
27,436 49,770 172 100 5.0 68.03 2,400 111 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 11/25/09 System running on arrival and departure. 27,552 49,886 116 100 5.0 68.03 2,400 111 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0		zer Regon Climinasve i	Emitted (lbs/day)
27,436 49,770 172 100 5.0 68.03 2,400 111 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 11/25/09 System ruming on arrival and departure. 27,552 49,886 116 100 5.0 68.03 2,400 111 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-INT1 0.0 A-INT2 0.0 A-EFF 0.0 12/04/09 System down on arrival and running on departure. 27,726 50,060 174 100 5.0 68.03 2,400 111 A-INF 0.0			
11/25/09 System ruming on arrival and departure.			
11/25/09 System running on arrival and departure.			
11/25/09 System running on arrival and departure. 27,552 49,886 116 100 5.0 68.03 2,400 111 A-INF 0.0 A-INT1 0.0 A-INT2 0.0 A-INT2 0.0 A-EFF 0.0 12/04/09 System down on arrival and running on departure. 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 A-EFF 0.0 12/04/09 System down on arrival and running on departure. 27,726 50,060 174 100 5.0 68.03 2,400 111 A-INF 0.0			
A-INT2 0.0 A-EFF 0.0 12/04/09 System down on arrival and running on departure. 27,726 50,060 174 100 5.0 68.03 2,400 111 A-INF 0.0			
12/04/09 System down on arrival and running on departure. 27,726 50,060 174 100 5.0 68.03 2,400 111 A-INF 0.0			
12/04/09 System down on arrival and running on departure. 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			
A-EFF 0.0			
12/11/09 System down on arrival and running on departure.			
27,816 50,150 90 100 5.0 68.03 2,400 111 A-INF 0.0			
A-INT1 0.0 A-INT2 0.0			
A-EFF 0.0			
12/18/09 System running on arrival and departure.			
27,975 50,309 159 110 5.0 68.03 2,500 114 A-INF <5.7 <0.0072 <0.0072 <2.11 <1,726.08 <0.00 A-INT1 <5.7 0.069 <0.0016	<27.72	<0.00 <14.51	<0.000
A-INT1 <5.7 0.069 <0.0016 A-INT2 <5.7 0.24 <0.0016			
A-EFF <5.7 0.30 <0.0016			
12/23/09 System running on arrival and departure.			
28,096 50,430 121 110 5.0 68.03 2,500 114 A-INF 0.0 <5.7 <0.0072 <0.0072 <0.29 <1,726.37 0.00 A-INT1 0.0 <5.7 0.026 <0.0016	<27.72	<0.00 <14.51	<0.000
A-INT2 0.0 <5.7 0.098 <0.0016			
A-EFF 0.0 <5.7 0.067 <0.0016			
12/31/09 System running on arrival and departure. 28,291 50,625 195 105 5.0 68.03 2,600 120 A-INF 0,0			
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 System running on arrival and departure. 28,480 50,814 189 90 5.0 68.03 2,500 118 A-INF 0.0			
20,480 30,614 169 90 3.0 06,03 2,000 116 A-INT1 0.0			
A-INT2 0.0			
A-EFF 0.0			
01/15/10 System running on arrival and departure. 28,648 50,982 168 90 5.0 68.03 2,600 123 A-INF 0.0 <5.7d 0.34d 0.34d <1.39 <1,727.76 <0.00	<27.72	<0.04 <14.56	<0.000
26,046 50,862 106 90 5 5 56.05 2,000 125 A-MY 0.0 5.7d 0.34d	\$21.12	VO.04 114.56	~0.000
A-INT2 0.0 <5.7d 0.22d <0.0016d			
A-EFF 0.0 <5.7d 0.24d <0.0016d			

	·····				Fleld M	leasureme	nts					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)
01/22/10	System ru	nning on a	rrival and dep	arture.		***************************************	***************************************		······································			£		······	***************************************	***************************************			***************************************		
	-	51,152	170	90	***	5.0	68.03	2,400	113	A-INF	0.0	<5.7	0.21	0.21	<0.43	<1,728.19	<0.00	<27.72	0.02	<14.58	<0.000
										A-INT1 A-INT2	0.0 0.0	<5.7 <5.7	0.019 0.20	<0.0016 <0.0016							
										A-EFF	0.0	<5.7	0.20	<0.0016							
01/29/10	-	-	rrival and dep																		
	28,993	51,327	175	90		5.0	68.03	2,400	113	A-INF A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/05/10	System rui 29,153	_	rrival and dep 160	arture. 90		5.0	68.03	2,600	123	A-INF	0.0										
	201100	01,707	,,,,	•		0.0			120	A-INT1	0.0										
										A-INT2	0.0										
02/12/10	System rui	nning on a	rrival and dep	arture.						A-EFF	0.0										
V-, 1 1V		51,656	169	90		5.0	68.03	2,600	123	A-INF	0.0	<5.7	0.18	0.18	<1.27	<1,729.46	<0.00	<27.72	0.04	<14.62	<0.000
										A-INT1	0.0	<5.7	0.053	<0.0016							
										A-INT2 A-EFF	0.0	<5.7 <5.7	0.20 0.20	<0.0016 <0.0016							
02/19/10	*	-	rrival and dep	arture.							0.0	• • • • • • • • • • • • • • • • • • • •	VV	0.00.0							
	29,487	51,821	165	90		5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1 A-INT2	0.0										
										A-EFF	0.0										
02/26/10	System rui 29,655	_	rrival and dep 168	arture. 100		5.0	68.03	2,500	116	A-INF	0.0										
	29,000	31,909	100	100		5.0	00.03	2,500	110	A-INT1	0.0										
										A-INT2	0.0										
03/06/10	System ru	noina on e	rrival and dep	artura						A-EFF	0.0										
03/06/10	29,807		152	100		5.0	68.03	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2 A-EFF	0.0										
03/09/10	System do	wn on arri	val and runnin	ig on departur	e.					A-CFF	0.0										
	29,813	52,147	6			5.0	68.03		***	A-INF											
										A-INT1 A-INT2											
										A-EFF											
03/10/10		-	rrival and dep																		
	29,844	52,178	31	4		5.0	68.03		***	A-INF A-INT1											
										A-INT2											
										A-EFF											

***************************************		***************************************		~	Fleid M	easureme	nts					Laborato	ry Analytica	al Results	TPHg R	emoved	Benzene	Removed	MTBE F	Removed	Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)		Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID		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)
03/19/10	System rui 30,052	nning on a 52,386	rival and dep 208	arture. 		5.0	68.03	2,500	116	A-INF A-INT1 A-INT2 A-EFF	0.0 0.0 0.0 0.0	<5.7 <5.7 <5.7 <5.7	0.017 0.29 0.26 0.15	0.017 0.0051 <0.0016 <0.0016	<1.86	<1,731.32	<0.00	<27.72	0.03	<14.65	<0.000

TABLE 1

OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM

Former Exxon Service Station 70104 1725 Park Street Alameda, California

Notes:		Removal rated are calculated using ERI SOP-25: "Hydrocarbons removed from a Vadose Well" Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
A-INF	=	Influent vapor sample collected prior to biofilters.
A-INT1	=	Vapor sample collected after 1st carbon vessel.
A-INT2	=	Vapor sample collected after 2nd carbon vessel.
A-EFF	=	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	<u></u>	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.
and the same	==	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.

Concentration exceeds the calibration range.
 Sample analyzed past recommended holding time.

	Total	Average			Lab	oratory An	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/i)	E (µg/l)	X (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	<50	<0.5	<0.5	<0.5	<0.5		No. No.		to to the			
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	***						
12/02/94	1,392,010	8.0	W-INF	65	1.9	0.9	<0.5	2.4		<0.029	<0.0	<0.0006	< 0.001	***	
			W-EFF	<50	< 0.5	<0.5	<0.5	<0.5							
01/13/95	1,415,980	0.4	W-INF	1,000	<0.5	<0.5	<0.5	<0.5		0.106	<0.1	<0.0002	< 0.001		
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
02/23/95	1,494,030	1.3	W-INF	57	<0.5	<0.5	< 0.5	2.7		0.344	<0.5	<0.0003	<0.001	4.4~	
			W-INT1	<50	< 0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
03/14/95		***	W-INF	<50	<0.5	< 0.5	<0.5	<0.5							
			W-INT1	<50	<0.5	< 0.5	< 0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
04/14/95	1,513,240	0.3	W-INF	<50	< 0.5	<0.5	< 0.5	<0.5		< 0.009	<0.5	< 0.0001	<0.001		
			W-INT1	<50	< 0.5	<0.5	<0.5	< 0.5							
			W-EFF	<50	< 0.5	<0.5	< 0.5	<0.5							
05/18/95	1,714,850	4.1	W-INF												
06/30/95	1,847,330	2.1	W-INF	1,700	480	23	66	180		<2.439	<2.9	0.6685	< 0.670		
			W-INT1	<50	<0.5	< 0.5	< 0.5	< 0.5							
			W-EFF	<50	< 0.5	< 0.5	<0.5	< 0.5							
07/12/95	1,908,730	3.6	W-INF	290	68	<2.0	2.4	5.6	***	0.510	<3.4	0.1404	< 0.810		
			W-INT1	<50	<0.5	< 0.5	< 0.5	<0.5							
			W-EFF	<50	<0.5	< 0.5	< 0.5	< 0.5							
08/09/95	2,027,830	3.0	W-INF	6,600	1,700	260	370	550		3.423	<6.9	0.8784	<1.689		
			W-INT1	<50	< 0.5	< 0.5	< 0.5	<0.5							
			W-EFF	<50	< 0.5	< 0.5	< 0.5	<0.5							
09/06/95	2,158,260	3.2	W-INF	120	17	0.84	1.0	3.0		3.656	<10.5	0.9342	<2.623	****	
			W-INT1	<50	< 0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
10/11/95	2,215,310	1.1	W-INF	160	22	0.97	1.2	4.0	***	0.067	<10.6	0.0093	<2.632		
			W-INT1	<50	<0.5	< 0.5	< 0.5	< 0.5							
			W-EFF	<50	< 0.5	< 0.5	< 0.5	< 0.5							
11/16/95	2,384,880	3.3	W-INF	120	4.9	<0.5	<0.5	5.9		0.198	<10.8	0.0190	<2.651		
			W-INT1	<50	<0.5	<0.5	< 0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	< 0.5							
12/14/95	2,453,200	1.7	W-INF	450	46	16	4.6	65	***	0.162	<10.9	0.0145	<2.666		
-	, -,	••	W-INT1	<50	<0.5	<0.5	<0.5	<0.5		v					
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
01/05/96	2,516,900	2.0	W-INF	240	26	2.4	1.2	20		0.183	<11.1	0.0191	<2.685		
	wie , elece	m., v	W-INT1	<50	<0.5	<0.5	<0.5	<0.5	***	0.100	- 5 1 5 1	0.0101	-2.000		
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
			**==,1 +	~00	70.0	~0.0	~0.0	~0.0							

D-4-	Total	Average			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)	Β (μg/l)	T (µg/l)	E (µg/l)	Χ (μg/i)	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							
			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		
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
05/07/00	0.074.400	. ~	W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
05/07/96	2,971,100	1.5	W-INF	430	66	2.7	5	32		0.222	<13.2	0.0339	<2.923		
			W-INT1 W-EFF	<50 <50	<0.5 <0.5	<0.5 <0.5	<0.5	<0.5							
06/11/96	3,109,730	2.8	W-INF	2,900	470	120	<0.5	<0.5		1.000	~45.4	0.2400	-2.022		
00/11/90	3,109,130	2.0	W-INT1	2,900 <50	<0.5	<0.5	19 <0.5	410 <0.5		1.926	<15.1	0.3100	<3.233		F
			W-EFF	<50	<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		
7,,00,00	0,202,000	0.0	W-INT1	<50	<0.5	<0.5	<0.5	<0.5		1.104	110.0	0.2000	10.00E		
			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	Provide	****
			W-INT1	<50	<0.5	< 0.5	<0.5	<0.5							
			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							
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							
10/00/00	0.705.050		W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
12/09/96	3,735,650	1.8	W-INF	<50 <50	<0.5	<0.5	<0.5	<0.5		<0.173	<19.4	<0.0139	<3.788		
			W-INT1 W-EFF	<50 <50	<0.5 <0.5	<0.5	<0.5	<0.5							
01/21/97	3,735,730	0.0	W-NF		69	<0.5	<0.5	<0.5		0.000	-40.4	0.0000	-0.700		
01/21/9/	3,733,730	0.0	W-INT1	690 <50	<0.5	20 <0.5	20 <0.5	91 <0.5		0.000	<19.4	0.0000	<3.788		v==
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
02/10/97	3,735,360	0.0	W-INF	860	100	24	1.4	160			<19.4		<3.788		
02.10/01	0,700,000	0.0	W-INT1	<50	<0.5	<0.5	<0.5	<0.5			~15.4		\3.160		***
			W-EFF	<50 <50	<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	<19.9	<0.0453	<3.833		
	-,5, .50	-14	W-INT1	<50	<0.5	<0.5	<0.5	<0.5		0.760	-10.0	-0.0-100	-0.000		
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							

	Total	Average			Lab	oratory Ana	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE F	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/i)	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)
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	***						
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							
			W-EFF	<50	<0.5	<0.5	< 0.5	< 0.5							
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													
			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		
			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	rer	0.203	<22.8	0.0137	<4.030	P	
			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	0.8	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		
			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							
			W-EFF	<50	<0.5	<0.5	< 0.5	<0.5							
04/02/98	4,702,760	0.9	W-INF	1,100	170	32	12	160		0.193	<23.7	0.0287	<4.096	***	
			W-INT1	<50	<0.5	< 0.5	< 0.5	<0.5							
			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		
			W-INT1	<50	<0.5	<0.5	<0.5	0.5							
			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		0.458	<24.8	0.0685	<4.272	****	
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
			— .												

_	Total	Average			Lab	oratory An	alytical Re	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)
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	-40						
			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		
			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							
10/20/98		***	W-INF	740	43	54	25	110	***			***	~	***	
			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		
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
			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							
			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							
			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		0.344	<27.4	0.0496	<4.611		***
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
03/08/99	5,509,090	1.7	W-INF	800	87	16	8.5	140		0.297	<27.7	0.0331	<4.644	****	***
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5							
0.110.510.0			W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
04/05/99	5,571,890	1.6	W-INF	<500	36.6	12.2	5.84	20.9		<0.341	<28.1	0.0324	<4.676		
			W-INT1 W-EFF	<500	<5.0	<5.0	<5.0	<5.0							
05/06/00	E 001 E00	4.4	W-INF	<500	<5.0	<5.0	<5.0	<5.0	**=	0.400	-00 0	0.0400	-4.000		
05/06/99	5,621,560	1.1	W-INT1	310 <50	45 <0.5	6.0	0.86 <0.5	41 <0.5		0.168	<28.2	0.0169	<4.693		***
			W-EFF	<50 <50	<0.5	<0.5 <0.5	<0.5	<0.5							
06/07/99	5,706,250	1.8	W-INF	<250	24.8	<2.5			~~~	~0.100	~20 A	0.0247	<4.718		
06/07/99	5,706,250	1.0	W-INT1	<100	∠4.8 <1.0	<1.0	<2.5	8.74	****	<0.198	<28.4	0.0247	<4.718		
			W-EFF	<250	<2.5	<2.5	<1.0 <2.5	<1.0 <2.5	***						
07/29/00	5,805,010	1.3	W-INF		7.00					~0.11 <i>6</i>	~00 C	0.0121	~4 701	****	
07/28/99	5,605,010	1.3	W-INT1	<100 <50	<0.5	<1.0 <0.5	2.40 <0.5	6.40 <0.5		<0.144	<28.6	0.0131	<4.731	****	
			W-EFF	<50 <50	<0.5	<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		
00103133	3,043,200	2.0	W-INT1	<250	<2.5	5.88 <2.5	<5.0 <2.5	20.8 <2.5		~0.111	~20.7	0.0045	~4.130		
			W-EFF	<250	<2.5	<2.5	<2.5	<2.5 <2.5							
			44-EL-L-	~200	~2.0	~Z. O	\2. 0	\2. 0							

***************************************	Total	Average		1	Lab	oratory An	alytical Re	***************************************	***************************************	TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	B (µg/l)	Τ (μg/l)	Ε (μg/l)	Χ (μg/i)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (ibs)
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	nort.	
			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		
			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 -50	<1.0	<1.0	<1.0	<1.0							
03/24/00	System shut dow 6,080,125	n pending evaluation. 0.4	W-EFF	<50	<1.0	<1.0	<1.0	<1.0							
03/28/00		n upon departure.													
00/110/00	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	esolutions, Inc. assume	ed operation of the re	emediation	system.										
06/05/02	•	arrival and running on	,	Water san	nples collec										
	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							
00/10/00	0 1		W-EFF	<50	<0.5	<0.5	<0.5	<0.5							
06/19/02	47,370	on arrival and departure 2.4													
07/03/02		on arrival and departure													
	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						
0747/00	Contant days	and and an and an animal are	W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
07/17/02	System down on 114,230	arrival and running on 0.0	аерапиге.												
07/31/02	· ·	on arrival and down on	departure.												
31701102	179,580	3.2													

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	Total	Average			Lat	oratory Ar	nalytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	8 (µg/l)	T (µg/i)	E (µg/l)	X (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 on	departure.												
	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	System running of	on arrival and down on													
	222,900	2.1	,												
11/06/02	System down on	arrival and running 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						
			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	arrival and departure.		•	0.0	0,0	0.0	0.0	2.0						
12/04/02		arrival and departure.													
12/18/02		arrival and departure.													
01/03/03	•	arrival and departure.													
01/00/00	224.032	0.0													
01/06/03	•	arrival and departure.													
01/15/03	•	arrival and running on	departure												
01/10/03	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
	224,300	0.0	W-INT1	71	<0.50	<0.50	<0.50	<0.50	110	0.007	~20.0	~ 0.0001	N4.174	0.015	0.708
			W-INT2		~0.50		~0.50	~U.UU							
			W-EFF	<50	<0.50	<0.50	<0.50	< 0.50	<2.5						
01/29/03	Cuntom vunning a	on arrival and departure		\ 30	\0.50	₹0.50	~0.50	\0.00	~2.0						
01/28/03	283,830	3.0	,												
02/12/03															
02/12/03	321,540	on arrival and departure 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
	321,340	8,1								<0.499	~ 30,4	<0.0041	C4.770	0.008	4.470
			W-INT1	<500	<5.0	<5.0	<5.0	<5.0	500						
			W-INT2	<250	<2.5	< 2.5	<2.5	<2.5	330						
00/00/00			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
02/26/03	•	on arrival and departure	€.												
	383,280	3.1													
03/12/03		on arrival and departure											4 = 4 =		5.040
	439,050	2.8	W-INF	190	<10	<10	<10	<10	1,200	0.338	<30.7	<0.0074	<4.785	0.833	5.312
			W-INT1	86	<2.5	<2.5	<2.5	<2.5	150						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	1.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.5						
03/26/03	System running o 489,680	on arrival and departure 2.5	э,												
04/09/03	System running of	on arrival and departure).												
	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						

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		Total	Average			Lal	poratory Ar	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
584,410 2.4 2.5	Date			Sample ID									l l		3	Cumulative (lbs)
System running on arrival and departure	04/23/03	System running	on arrival and departure	∍.												
1.5		584,410	2,4													
Mark	05/07/03	System running	on arrival and departure	e .												
Second S		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						
System numing on arrival and departure				W-INT2	<50	<0.50	<0.50	< 0.50	< 0.50	18						
Set 1.6 System running on arrival , down on departure, monthly samples taken. 723,100 3.8				W-EFF	<50	<0.50	< 0.50	< 0.50	<0.50	<0.50						
System running on arrival, down on departure	05/21/03	, ,	on arrival and departure	€.												
1723,100 3.8 3.9		646,410	1.6													
723,320 0.0 W-NF	06/04/03	· · · · · · · · · · · · · · · · · · ·		arture for carbon ch	nangeout.											
Main	06/18/03	System down on	arrival, running on dep	arture, monthly san	nples taken.											
Main		•		•		<2.5	<2.5	<2.5	<2.5	410	< 0.197	<31.4	< 0.0034	<4.812	0.384	7.001
W-EFF S0 V-0.50				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						
				W-EFF	<50	< 0.50	< 0.50	<0.50	< 0.50	<2.5						
W-INT1	07/02/03	System running	on arrival and departure) .												
W-INT2		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-EFF V-50				W-INT1	<50	<0.50	< 0.50	< 0.50	<0.50	< 0.50						
System running on arrival and departure 778,100 1.3				W-INT2	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
778,100 1.3 778,100 1.3 778,100 1.3 778,100 1.3 778,100 1.3 778,100 1.3 778,100 1.4 80,1300 1.4 80,1300 1.4 80,1300 1.4 80,1300 1.4 80,1300 1.2 80,1300 1.4 80,130				W-EFF	<50	<0.50	<0.50	< 0.50	<0.50	<0.50						
System running on arrival and departure. Subject S	07/16/03) .												
18/13/03 System running on arrival and departure. 18/13/03 System down on arrival, running on departure. 18/13/03 System down on arrival, running on departure. 18/13/03 System down on arrival arrunning on departure. 18/13/03 System down on arrival arrunning on departure. 18/13/03 System running on arrival arrunning on departure. 18/13/03 System running on arrival arrunning on departure. 18/13/03 System running on arrival arrunning on arrival arrunning on departure. 18/13/03/03 System running on arrival arrunning on arrunni	07/20/03	•														
System running on arrival and departure. System down on arrival, running on departure. Sistem running on arrival and departure. System running on arrival arrival and departure. System down on arrival, running on departure. Sistem running on arrival ar	07/30/03			ž.,												
Section 1.2 W-INF 390 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10	08/13/03	•		•												
W-INT1	00/10/00	,	,		390	<10	<10	<10	<10	620	0.164	<31.6	<0.0113	<4.827	0.380	7 496
W-INT2		020,020	1,2								0.104	~31.0	~0.0110	14.027	0.500	7.400
No.																
System running on arrival and departure. 854,560 1.3 19/10/03 System down on arrival, running on departure. 854,800 0.0 W-INF 89 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0 <5.0																
854,560 1.3 System down on arrival, running on departure. 854,800 0.0 W-INF 89 <5.0 <5.0 <5.0 <5.0 0.50 0.50 0.50 0.50	08/27/03	System running of	on arrival and departure		-00	-0.00	-0.00	-0.00	-0.00	-0.00						
9/10/03 System down on arrival, running on departure. 854,800 0.0 W-INF 89 < 5.0 < 5.0 < 5.0 < 5.0	00.2.700	•	•	•												
854,800 0.0 W-INF 89 <5.0 <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 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0	09/10/03			arture.												
W-INT1		•			89	<5.0	<5.0	<5.0	<5.0	140	0.052	<31.7	<0.0016	<4.828	0.082	7.578
W-INT2		,									***************************************					
W-EFF < 50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.5																
9/24/03 System running on arrival and departure. 879,920 1.3 10/08/03 System running on arrival and departure. 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																
10/08/03 System running on arrival and departure. 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 <0.50	09/24/03	-	·													
903,850 1.2 W-INF 330 <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	10/08/03			1 .												
W-INT1 <50 <0.50 <0.50 <0.50 <0.50 1.5 W-INT2 <50 <0.50 <0.50 <0.50 <0.50	. 3,00,00		· ·		330	<10	<10	<10	<10	540	0.086	<31.7	<0.0031	<4.832	0.139	7.718
W-INT2 <50 <0.50 <0.50 <0.50 <0.50		000,000	1,2								0.000	~01. <i>1</i>	~0.0001	-7.002	0.100	7.110
44-E11 100 10:00 10:00 10:00 10:00																
			THE THE POST OF THE PARTY THE PROPERTY CONTROL TO LABOR THE PARTY.	W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						urmanam war

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	Total	Average			Lat	oratory A	nalytical Re	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)	Χ (μg/i)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
10/22/03	System running	on arrival and departure).												
	927,460	1.2													
11/03/03	System running	on arrival and departure	∌ .												
	947,710	1.2	W-INF	530	<10	<10	<10	<10	810	0.157	<31.9	< 0.0037	<4.835	0.247	7.965
			W-INT1	<50	<0.50	< 0.50	< 0.50	< 0.50	4.4						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
11/17/03	Custom days or	audical Destauted Di	W-EFF	<50	<0.50	< 0.50	<0.50	<0.50	<0.50						
11/1//03	964,770	n arrival. Restarted. Ru 0,9	mang on departure.												
12/01/03		on arrival and departure	•												
12/01/05	992,510	1.4	w-inf	410	<250	<250	<250	<250	820	0.176	<32.1	<0.0486	<4.884	0.305	8.269
	VVE1010	•••	W-INT1	<50	<0.50	<0.50	< 0.50	<0.50	4.2	0.170	-OL.1	40.0400	44.004	0.000	0.200
			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	System running	on arrival and departure	ı.												
	1,021,420	1.4													
12/29/03	System running 1,051,220	on arrival and departure 1.5	ı.												
01/12/04	System down on 1,062,140	arrival High/High ([H/H 0.5] holding tank), tran:	sfer pump f	ailure.										
01/26/04	System shut dov	vn on arrival, replaced t	ansfer pump restart	ed system.	Collected	monthly s	amples.								
	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						
000000	0 1		W-EFF	<50	<0.50	<0.50	<0.50	< 0.50	<0.50						
02/09/04	1,062,450	arrival (H/H holding tar 0.0							.						
04/08/05		and ran water through sy													
	1,064,739	0.0	W-INF	600	<0.50	< 0.5	<0.5	<0.5	748	0.009	<32.3	<0.0001	<4.958	0.015	8.748
			W-INT1 W-INT2	<50.0	<0.50	< 0.5	<0.5	<0.5	2.9						
			W-EFF	<50.0 <50.0	<0.50 <0.50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5						
06/27/05	1,065,780	0.0	44-571 1	~50.0	~0.50	~0.0	~0.5	~0.5	~0.5						
06/28/05	1,066,510	0.5													
06/28/05	1,075,770	6.4													
07/01/05	1,093,250	6.1													
07/08/05	1,146,060	5.2													
	1,146,060	5.2 5.5													
07/15/05			MAZ INICE	044	0 00	2.2	۸.7	20.0	707	4 400	~99 E	0.0075	-A Dee	1 170	9.918
07/22/05	1,257,570	5.6	W-INF W-INT1	844 151	8.80 <0.50	2.3 <0.5	0.7 <0.5	30.9	707 151	1.162	<33.5	0.0075	<4.966	1.170	9.918
			W-INT2	<50.0	<0.50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	151 1.9						
			W-EFF	<50.0 <50.0	<0.50	<0.5	<0.5	<0.5 <0.5	<0.5						
07/24/05	1,271,470	4.8	,. L , •	30.0	0,00	0.0	0.0	.5.0	-5.0						
0112 1100	1,=11,77V	,		THE PARTY NAMED IN COLUMN											

	Total	Average	***************************************		Lat	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)
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						
			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	<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						
09/16/05	1,488,660	5.2													
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	<0.50	<0.50	<0.50	695	1.506	<36.0	0.0018	<4.973	1,330	12.229
			W-INT1 W-INT2	<50.0	< 0.50	<0.50	<0.50	<0.50	3.25						
			W-EFF	<50.0 <50.0	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	0.53 <0.50						
11/18/05	1,706,440	3.5	VV-L.1	~50.0	~0.50	~0.00	~0.50	~U.JU	~0.50						
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
12/09/03	1,100,420	(37)	W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	16.0	0.524	\30.8	10.0007	14,974	0.750	12.000
			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													
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						
			W-EFF	<50.0	<0.50	< 0.50	<0.50	< 0.50	<0.50						
01/13/06	1,840,520	1.7													
01/20/06	1,853,860	1.3													
01/27/06	1,870,720	1.7													

	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 (ibs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
02/03/06	1,887,390	1.7	W-INF	1,700d	<10	<10	<10	<10	1,700	1.309	<38.9	<0.0028	<4.977	0.784	14.061
			W-INT1	<50	< 0.50	< 0.50	<0.50	< 0.50	35						
			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						
02/10/06	System running	on arrival and departure	١.												
	1,904,310	1.7													
02/17/06		on arrival and departure	١,												
	1,921,860	1.7													
02/23/06	•	on arrival and departure													
	1,936,920	1.7													
02/24/06	•	on arrival and departure													
	1,941,290	3.0													
03/03/06		on arrival and departure		0 500	^-	^-		~~	. =00						45.000
	1,972,060	3.1	W-INF	<2,500	<25	<25	<25	<25	1,700	<1.484	<40.4	<0.0124	<4.989	1.201	15.262
			W-INT1	<500	<5.0	<5.0	<5.0	<5.0 =0.50	250						
			W-INT2 W-EFF	<50 <50	<0.50 <0.50	< 0.50	<0.50	<0.50	<2.5						
03/10/06	Suntam running	on arrival and departure		<50	<0.50	<0.50	<0.50	<0.50	<2.5						
03/10/00	1,989,680	1.8													
03/17/06		arrival (moisture separa	etor tank (MST) high	fevel) Rec	tarted Pi	upping on	denadure								
03/11/00	2,002,980	1.3	ator tarik [ivio 1] riigir	avoij. The	otanico, ixi	urrining On v	acparture.								
03/24/06	* · · · · · · · · · · · · · · · · · · ·	on arrival and departure													
03/2-400	2,038,840	3.6	•												
03/31/06		arrival. Restarted. Rur	nning on departure.												
• • • • • • • • • • • • • • • • • • • •	2,042,050	0.3													
04/07/06		on arrival and departure	,												
	2,079,030	3.7	W-INF	<2,500	<25	<25	<25	<25	1,800	<2.231	<42.6	< 0.0223	<5.011	1.562	16.824
			W-INT1	400 d	<2.5	<2.5	<2.5	<2.5	440						
			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 of	on arrival and departure	,												
	2,109,320	3.5													
04/28/06	System running of	on arrival and departure													
	2,145,290	1.7													
05/05/06		on arrival and departure													
	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	650 d	<5.0	<5.0	<5.0	<5.0	800						
			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		on arrival and departure.													
	2,213,710	3.3													
05/19/06		on arrival and departure.													
	2,245,730	3.2													

	Total	Average			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)	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 (lbs)
05/25/06	System running of	on arrival and departure.							•						
	2,272,150	3.1													
06/02/06	System running of	n arrival and departure.													
	2,305,800	2.9													
06/09/06	System running of	n arrival and departure.													
	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	1,200 d	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	System down on	arrival and running on d	eparture.												
	2,354,230	1.9													
06/23/06	, .	n arrival and departure.													
	2,364,230	1.0													
06/30/06	System running of	n arrival and departure.													
	2,373,900	1.0													
07/05/06		n arrival and departure.													
	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						
			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						
07/14/06		n arrival and departure.													
	2,435,000	4.2													
07/21/06		n arrival and departure.													
0=100100	2,471,700	3.6													
07/28/06		n arrival and departure.													
00104100	2,505,700	3.4													
08/04/06		n arrival and departure.	NAZ INIT	4 000	4.07	-0 E0	-0.50	0.07	0.000	4.004	-40.7	0.0017	<5.071	1,600	22.894
	2,541,520	3.6	W-INF W-INT1	1,800 619	1.97 <0.50	<0.50 <0.50	<0.50 <0.50	2.27 <0.50	2,220 646	1.281	<49.7	0.0017	<5.071	1,000	22.054
			W-INT2	<50.0	<0.50	<0.50	<0.50	0.64	<0.50						
			W-EFF	<50.0 <50.0	<0.50	<0.50	<0.50	< 0.50	<0.50						
08/11/06	System running o	n arrival and departure.	44-L[1	~50.0	~0.50	~0.50	~0.50	~0.50	~0.50						
00/11/00	2,578,290	3.7													
08/18/06		n arrival and departure.													
00/10/00	2,614,050	3.6													
08/25/06		n arrival and departure.													
20/20/00	2,614,100	0.0													
09/01/06		n arrival and shut down	on departure for o	arbon chang	eout.										
- 5.0 50	2,651,170	3,7													
09/15/06		it complete. Restart syst	em.												
	2,651,170	0.0													
	-,,														

Б.	Total	Average	0 1 15		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)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (ibs)
09/22/06	System down on a	arrival and locked out/ta	igged out on departi	ure for repa	airs.										
	2,670,860	2.0	W-INF	861	< 0.50	< 0.50	< 0.50	0.67	924	1.436	<51.2	<0.0013	<5.073	1.696	24.590
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	6.66						
			W-INT2	<50.0	0.84	<0.50	<0.50	2.98	1.29						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	< 0.50						
10/06/06	•	arrival and running on d	eparture.												
	2,670,860	0.0													
10/13/06	*	arrival and departure.													
	2,672,600	0.2													
10/20/06	•	arrival and locked out/ta	gged out on departi	ure for cart	on change	eout.									
40/07/00	2,672,860	0.0													
10/27/06	System down on a 2,672,860	rrival and running on d	•	*0.C00	٠٥٣.	-05	-00	-05	0.400	-0.000	4F4 O	**********	-E 020	0.000	24.040
	2,072,860	0.0	W-INF W-INT1	<2,500	<25 <0.50	<25	<25 <0.50	<25 <0.50	2,400	<0.028	<51.2	<0.0002	<5.073	0.028	24.618
			W-INT2	<50 <50	< 0.50	<0.50 <0.50	<0.50	<0.50	<2.5 <2.5						
			W-EFF	<50 <50	<0.50	<0.50	<0.50	<0.50	<2.5						
11/03/06	System running or	arrival and departure.	44LII	~50	~0.50	~0.50	~0.50	~0.50	~2.0						
11100100	2,710,410	3.7													
11/10/06		n arrival and departure.													
	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
	, ,	2	W-INT1	<50	< 0.50	< 0.50	< 0.50	< 0.50	<2.5		02.0	0.0.50	3.000	,,,,,,,	
			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						
11/14/06	System running or	arrival and departure.													
	2,775,140	4.2													
11/20/06	System running or	arrival and departure.													
	2,808,860	3.9													
11/27/06	System running or	arrival and departure.													
	2,845,210	3.6													
12/05/06		n arrival and departure.													
	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						
			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						
12/15/06	•	rrival and running depa	rture.												
	2,885,930	0.0													
12/21/06	•	arrival and departure.													
10/00/00	2,922,240	4.2													
12/26/06		arrival and departure.													
04/05/07	2,944,490	3.1													
01/05/07		arrival and departure.													
	2,969,800	1.8													

	Total	Average			Lab	oratory An	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	Τ (μg/l)	E (µg/i)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
01/12/07	System running of	on arrival and departure.													
	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	580 d	<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 departure.													
	3,046,970	3.4													
01/26/07	System running of	on arrival and departure.													
	3,090,550	4.3													
02/02/07	System running of	on arrival and departure.													
	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	1,100 d	<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	System running of	on arrival and departure.													
	3,169,480	3.9													
02/16/07	System running of	on arrival and locked out/	/tagged out on dep	arture for ca	rbon chan	geout.									
	3,187,150	1.8													
02/23/07	System locked or	ut/tagged out on arrival a	and departure.												
03/02/07	System locked or	ut/tagged out on arrival a	and departure.												
03/09/07	System locked or	ut/tagged out on arrival a	and departure.												
04/03/07	System locked or	ut/tagged out on arrival, r	restarted, and runr	ning on depa	rture.										
	3,187,660	0.0													
04/12/07	System running of	on arrival and departure.													
	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	1,600 d,e	<10 e	<10 e	<10 e	<10 e	1,800 e						
			W-INT2	<50e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<2.5 e						
			W-EFF	<50 e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<2.5 e						
04/20/07	System running of	on arrival and departure.													
	3,235,130	1.0													
04/25/07	System down on	arrival and running on de	eparture.												
	3,246,590	1.6													
05/04/07	System down on	arrival and running on de	eparture.												
	3,248,650	0.2													
05/11/07	System down on	arrival and running on de	eparture.												
	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
			W-INT1	1,000 f	<10 f	<10 f	<10 f	<10 f	1,600 f						
			W-INT2	<50f	<0.50 f										
			W-EFF	<50 f	<0.50 f	<0.50 f	<0.50 f	<0.50 f	2.5 f						
05/17/07	System down on	arrival and running on de	eparture.												
	3,276,990	2.5	•												
05/25/07		on arrival and departure.													

_	Total	Average	_		Lat	oratory 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)	E (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
05/30/07	System running o	n arrival and departure	•												
	3,299,240	2.0													
06/01/07	System down on a	arrival and running on o	departure.												
06/08/07	System down on a	arrival and running on c	departure.												
	3,338,400	3.0													
06/15/07	System down on a	arrival and running on c	leparture.												
06/21/07	System down on a	arrival and running on c	departure.												
	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						
			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 3,374,190	arrival and running on o 2.0	leparture.												
07/06/07	• •	2.0 arrival and running on c	lonartura												
01100101	3,382,010	0.8	reparture.												
07/11/07	System down on a 3,388,110	arrival and running on o 0.9	feparture.												
07/18/07		arrival and running on d	leparture.												
	3,409,620	2.1													
07/20/07		arrival and running on d	leparture												
	3,411,890	0.8	[
07/24/07		n arrival and departure.													
	3,416,420	0.8													
07/31/07		n arrival and departure.													
	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						
			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 or	n arrival and departure.													
	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
	, ,		W-INT1	<50.0	< 0.50	< 0.50	<0.50	< 0.50	0.65		**		*****		
			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						
08/14/07	System running or	n arrival and departure.				0.00	0.00	0.00	0.00						
	3,446,080	1.2													
08/21/07		n arrival and departure.													
	3,456,500	1.0													
08/28/07		arrival and running on d	eparture.												
-	3,467,940	1.1													
09/07/07		n arrival and departure.													
-	3,478,900	0.8													
	-, 5,000														

	Total	Average	**************************************		Lat	oratory An	alytical Re	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)	€ (µg/l)	Χ (μg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
09/14/07	System running o	n arrival and departure	∋.												
	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						
			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		n arrival and departure) ,												
09/28/07	3,492,210	0.7													
09/26/07	3,498,950	n arrival and departure 0.7) .												
10/02/07		n arrival and shut dow	n on denarture												
10/02/01	3,502,850	0.7	iron departure.												
10/05/07		n on arrival and running	g on departure.												
	3,502,920	0.0	9-												
10/12/07	System running o	n arrival and running o	n 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						
			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		n arrival and running o	n departure.												
10/00/07	3,524,550	0.3													
10/22/07	3,546,660	n arrival and running o 2.6	n departure.												
11/02/07	System running of 3,556,830	n arrival and running o 0.6	n departure.												
11/09/07	System running or	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						
			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	-	n arrival and running o	n departure.												
44/04/07	3,585,210	0.9	n danadura												
11/21/07	System running of 3,590,160	n arrival and running o 0.7	n departure.												
11/26/07		u. <i>r</i> arrival and running on o	denarture												
1 1720/07	3,595,010	0.7	aoparturo.												
12/07/07		n arrival and running o	n 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		n arrival and running o	n departure.												
	3,609,430	0.4													
12/14/07	•	on arrival and departi	ure.												
	3,610,550	0.8	~~~												Page 15 of 24

Former Exxon Service Station 70104 1725 Park Street

Alameda, California

	Total	Average			Lat	oratory Ar	nalytical 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)	Ε (μg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/19/07	*	arrival and running on	departure.												
	3,610,960	0.1													
12/21/07		n arrival and running	on departure.												
4040-40-	3,617,270	2.2													
12/27/07		n arrival and running	on departure.												
04/04/00	3,628,510	1.3 arrival and down on de	anartura												
01/04/08	3,635,950	anivai and down on di 0.7	eparture.												
01/07/08	System restarted.														
01/01/00	3.635.950	0.0													
01/18/08		n arrival and departur	e												
01710700	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		••••				
			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	arrival and running on	departure.												
	3,653,500	0.6													
01/27/08	System down on a	arrival and running on	departure.												
	3,654,200	0.2													
01/31/08	System down on a	arrival and running on	departure.												
	3,659,910	1.0													
02/08/08		n arrival and departur	e.												
	3,690,670	2.7													
02/15/08	•	inning on departure.	IAI ALE		40.00		40.00	46					.5.400	0.004	44.050
	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 W-INT2	<50 <50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<1.0 <1.0	14 <5.0						
			W-EFF	<50 <50	<0.50	<0.50	<0.50	<1.0	<5.0						
02/22/08	System running or	n arrival and departure		~30	~0.00	~0.50	~0.50	~1.0	~3.0						
OZIZZIOO	3,716,980	1.2	.												
02/26/08		n arrival and departure	e.												
0 	3,722,530	1.0													
03/06/08	System running or	n arrival and departure	e.												
	3,738,110	1.2													
03/14/08	System running or	n arrival and departure	e.												
	3,749,150	1.0													
03/21/08	System down on a	arrival and running on	departure.												
	3,757,000	0.8													
03/28/08		arrival and running on													
	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	<1.0	<5.0						

	Total	Average			Lab	oratory An	alytical Re	sults		TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/{)	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)
04/05/08	System running of	on arrival and departure	e.												
	3,757,690	0.0													
04/11/08	System running of	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	•	arrival and running on	departure.												
0.4100100	3,757,750	0.0													
04/22/08		on arrival and departure	e .												
05/00/00	3,761,040	0.3	_												
05/02/08	3,769,160	on arrival and departure 0.6	e.												
05/06/08		o.o on arrival and departure	۵												
03/00/00	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
	0,774,000	1.0	W-INT1	65	< 0.50	<0.50	<0.50	<1.0	86	0.000	100.4	-0.0002	10.100	0.112	11.011
			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 of	n arrival and departure	9.												
	3,785,690	0.8													
05/23/08	System running of	on arrival and departure	9.												
	3,788,780	0.3													
05/28/08		n arrival and departure	€.												
	3,790,260	0.2													
06/03/08		n arrival and departure								0.400	-00 =	2 2222		0.400	10.404
	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 W-EFF	<50 <50	0.62 <0.50	1.5 <0.50	<0.50 <0.50	<1.0 <1.0	<5.0 <5.0						
06/13/08	Svetem rupning o	n arrival and departure		~50	~ 0.50	~0.50	~0.50	~1.0	~5.0						
00/10/00	3,796,670	0.1	J.												
06/17/08		n arrival and departure	2.												
00/11/00	3,797,130	0.1													
06/23/08		n arrival and departure	3.												
	3,797,230	0.0													
07/03/08	System running of	n arrival and departure	∋.												
	3,797,330	0.0													
07/08/08		n arrival and departure	э.												
	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						

	Total	Average			Lab	oratory An	alytical Re	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)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
07/15/08	System running o	n 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		n arrival and departure.													
	3,799,120	0.2													
07/29/08		n arrival and departure.													
	3,799,560	0.0													
08/08/08	•	n arrival and departure.													
	3,799,950	0.0													
08/15/08		n arrival and departure.													
	3,800,390	0.0													
08/22/08		n arrival and departure.	141 141	450	4.0	.0.00	.0.50	.4.0	070	0.000	-00 5	0.0004	-5 400	0.005	40.400
	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						
00/00/00	Custom supplies of	n arrival and departure	W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
08/29/08	3,801,090	n arrival and departure. 0.1													
09/05/08		n arrival and departure.													
09/05/06	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
	3,001,300	0.0	W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0.003	~00. 5	0.0000	40.190	0.010	72,172
			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						
09/12/08	System rupning o	n arrival and departure.	****	100	٠٥.٥٥	40.00	٠٥.٥٥	11.0	40.0						
00/12/00	3,801,700	0.0													
09/19/08		n arrival and departure.													
00.10/00	3,802,220	0.1													
09/26/08		n arrival and departure.													
00.20,00	3,821,130	1.9													
10/03/08		n arrival and departure.													
	3,829,660	0.9													
10/10/08	System running or	n arrival and departure.													
	3,836,030	0.6	W-INF	410	<1.0	<1.00	<1.00	<2.0	640	0.142	<66.7	< 0.0010	<5.200	0.772	42,914
			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						
10/17/08	System running or	n arrival and departure.													
	3,842,780	0.7													
10/31/08	System running or	n arrival and departure.													
	3,859,120	0.8													
11/07/08	System running or	n arrival and departure.													
	3,865,290	0.6													

	Total	Average	_		Lab	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)	T (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 (lbs)
11/15/08	System running	on arrival and departure.													
	3,871,710	0.6													
11/17/08	System running	on 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						
			W-EFF	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0						
11/25/08	System running	on arrival and departure.													
	3,875,830	0.3													
12/05/08	System running	on arrival and departure.													
	3,883,530	0.5													
12/12/08	System running	on arrival and departure.													
	3,887,570	0.4	W-INF	180	< 0.50	< 0.50	< 0.50	<1.0	280	0.045	<66.9	< 0.0001	<5.201	0.076	43.231
			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						
12/16/08	System running of 3,891,390	on arrival and departure. 0.7													
10/04/00															
12/24/08	3,892,540	on arrival and departure. 0.1													
01/02/09	System running of 3,912,840	on arrival and departure. 1.6													
01/09/09	System running of	on 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	System running of	on arrival and departure.													
	3,923,430	0.2													
01/20/09	System running of	on arrival and departure.													
	3,928,540	0.9													
01/30/09	System running of	on arrival and departure.													
	3,939,740	0.8													
02/06/09	System running o 3,947,850	on arrival and departure. 0.8													
02/13/09															
02113108	3,955,300	on arrival and departure. 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
	3,800,300	Ų. <i>1</i>	W-INT1	97 <50	<0.50	< 0.50	<0.50	<1.0 <1.0	400 <5.0	0.023	~00.8	~0.0001	-5.201	0.101	40.4 (0
			W-INT2	<50 <50	<0.50	<0.50	<0.50	<1.0							
			W-IN1Z W-EFF	<50 <50	< 0.50	<0.50	<0.50 <0.50	<1.0 <1.0	<5.0 <5.0						
02/20/09	Cuntom days	arrival and departure.	AA-ELI	~50	~0.50	~0.00	~0.50	~1.0	~ 0.∪						
02120108	3,961,760	0.6													
02/27/09															
02121108	3,961,760	arrival and departure. 0.0													
	3,301,700	0.0											***************************************		Page 19 of 24

Former Exxon Service Station 70104 1725 Park Street Alameda, California

Date	Total	Average			Lat	oratory An	alytical Re	sults	***************************************	TPHg F	Removed	Benzene	Removed	MTBE	Removed
Date	Flow (gallons)	Flow Rate (gpm)	Sample ID	TPHg (µg/l)	Β (μg/l)	Τ (μg/l)	E (µg/i)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Períod (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
03/06/09	System running of	on arrival and departure.												-	
	3,969,890	0.8													
03/10/09	-	arrival and running on de	eparture.												
	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						
00/00/00	Cuetana aumina		W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
03/20/09	•	on arrival and departure.													
03/23/09	3,999,140	1.0 on arrival and departure.													
03/23/09	3,999,870	0.2													
03/31/09		on arrival and departure.													
00/01/00	4,009,710	0.9													
04/07/09		on arrival and departure.													
	4,015,770	0.6	W-INF	360	<0.50	< 0.50	<0.50	<1.0	490	0.074	<67.0	< 0.0002	<5.202	0.099	43.629
	, ,		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						
04/17/09	System running of	on arrival and departure.													
	4,030,486	1.0													
04/29/09	•	on arrival and departure.													
	4,047,450	1.0													
05/01/09		on arrival and departure.													
05/00/00	4,057,140	3.4													
05/08/09	4,064,660	on arrival and departure.													
06/46/00		0.8													
05/15/09	4,070,650	on arrival and departure. 0.6	W-INF	360	<0.50	<0.50	<0.50	<1.0	470	0.465	<67.2	<0.0002	∠ E 202	0.220	43.849
	4,070,000	0.0	W-INT1	<50	<0.50	<0.50	<0.50	<1.0	470 <5.0	0.165	<01.2	<0.0002	<5.202	0.220	43.048
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0 <1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
05/22/09	System running o	n arrival and departure.			-0.00	10.00	-0.00	11.0	10.0						
	4,075,430	0.5													
05/29/09		n arrival and departure.													
	4,077,470	0.2													
06/05/09	System running of	n arrival and departure.													
	4,083,490	0.6													
06/11/09	System running of	n arrival and departure.													
	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						

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_	Total	Average			Lab	oratory An	alytical Res	suits		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 (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
06/12/09	•	arrival and running on de	parture.												
	4,095,170	0.7													
06/19/09		on arrival and departure.													
	4,104,580	1.9													
06/26/09		on arrival and departure.													
00/00/00	4,112,860	0.8													
06/29/09	4,116,600	on arrival and departure.													
07/10/09		0.9													
07710709	4,129,920	on arrival and departure. 0.8													
07/17/09		on arrival and departure.													
07717709	4,137,560	0,8	W-INF	160	<2.5	<2.5	<2.5	<5.0	220	0.038	<67.3	<0.0005	<5.202	0.167	44.130
	4,707,000	0.0	W-INT1	<50	<0.50	< 0.50	< 0.50	<1.0	<5.0	0.000	٠٥١.5	10.0000	10.202	0.101	44.100
			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						
07/24/09	System running	on arrival and departure.				0.00	0.00		0.0						
	4,145,570	0.8													
07/31/09	System running	on arrival and departure.													
	4,152,830	0.7													
08/04/09	System running	on arrival and departure.													
	4,157,350	8.0	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						
			W-EFF	<50	< 0.50	< 0.50	< 0.50	<1.0	<5.0						
08/14/09		on arrival and departure.													
	4,167,720	0.7													
08/21/09		on arrival and departure.													
	4,175,880	0.8													
08/28/09		on arrival and departure.													
	4,183,940	0.8													
09/04/09	•	on arrival and departure.													
00/44/00	4,190,890	0.7													
09/11/09		on arrival and departure.													
00/14/00	4,198,820	0.8													
09/14/09	4,202,640	on arrival and departure. 0.9	W-INF	1 200	3 80	<2.5	<2.5	~ 5.0	2 200	0.295	<67.6	0.0010	<5.204	0.480	44.657
	4,202,040	0.9	W-INT1	1,300 <50	3.8g <0.50	<2.5 <0.50	<2.5 <0.50	<5.0 <1.0	2,200 <5.0	0.295	507.0	0.0010	50.∠04	0.400	44.007
			W-INT2	<50 <50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-IN12 W-EFF	<50 <50	<0.50	<0.50	<0.50	<1.0	<5.0						
09/25/09	System down on	arrival and running on de		~00	~0.00	~∪.JU	~∪.∪∪	~1,0	~ ∪.∪						
V0120103	4,224,590	1.4	partaro.												
10/02/09		arrival and running on de	parture.												
10.00.00	4,236,600	1.2													
	1,200,000	7 1 80													

	Total	Average			Lab	oratory An	alytical Re	sults		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/i)	Per Period (lbs)	Cumulative (lbs)	Per Period (ibs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
10/15/09	System running	on arrival and down on	departure for carbon	changeou	t.										
	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	•	arrival and running on	departure.												
10/20/00	4,260,050	0.0	d												
10/30/09	4,260,050	arrival and running on a 0.0	departure.												
11/06/09		o.o on arrival and departure													
11/00/09	4,260,660	on amvar and departure 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
	4,200,000	0.1	W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0.001	~00.0	0.0000	-0.200	0.002	40.040
			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	System running of	on arrival and departure													
	4,260,670	0.0													
11/20/09	System down on	arrival and running on	departure.												
	4,261,910	0.1													
11/25/09		on arrival and departure	t.												
	4,265,320	0.5													
12/04/09	System down on 4,278,560	arrival and running on o	departure.												
12/11/09	System down on 4,280,560	arrival and departure. 0.2													
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						
			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 4,280,660	arrival and departure. 0.0													
12/31/09	System down on 4,280,660	arrival and departure. 0.0													
01/08/10	System running of 4,284,140	on arrival and departure 0.3													
01/15/10	System running of	on 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						
			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	on arrival and departure													
	4,291,420	0.3													
01/29/10		on arrival and departure													
	4,294,656	0.3													

Former Exxon Service Station 70104

1725 Park Street

Alameda, California

	Total	Average	erinde hij framme de frammeriken mensemen men men men men men men men men men		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)	В (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (ibs)	Per Period (lbs)	Cumulative (ibs)	Per Period (lbs)	Cumulative (lbs)
02/05/10	System running of	on arrival and departure	2.	7		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			**************************************	ng Namabatan di bakan kenduntah kendulah kendulah berangan bebahkan				o Barrera necessário com a la come con conservado con conservado con conservado con conservado con conservado c	Aldreid voor de Verstele die een heer jaar in verste projekte voor
	4,297,890	0.3													
02/12/10	System running of	on 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						
			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 of	on arrival and departure	ı.												
	4,331,510	3.0													
02/26/10	System running of	on arrival and departure	l.												
	4,358,820	2.7													
03/06/10	System down on	arrival and running on o	departure.												
	4,384,020	2.2	·												
03/09/10	System down on	arrival and running on o	departure.												
	4,384,970	0.2	•												
03/10/10	System down on	arrival and running on o	departure.												
	4,385,120	0.1	,												
03/12/10	System running o	n arrival and departure													
	4,393,310	1.9													
03/19/10	System running o	n arrival and departure.													
	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						
			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						
								• •							

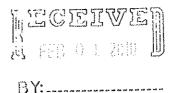
		mamoud, odmorna
Notes:	,	* If value is below laboratory detection limit, then detection limit value is used for removal calculations.
		Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
W- INF	=	Water sample collected at the influent sample port.
W-INT	==	Water sample collected at the intermediate 1 sample port.
W-EFF	=	Water sample collected at the intermediate 2 sample port.
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	=	Estimated value above laboratory equipment calibration range.
C	=	Analyte detected in associated Method Blank.
d	=	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
е	=	Samples exceeded the EPA recommended temperature for analyses.
f	==	Sample analyzed past EPA recommended hold time.
9	=	Analyte presence was not confirmed by second column or GC/MS analysis.
h	=	The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.

APPENDIX A

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS



January 25, 2010



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

Subject: Calscience Work Order No.: 10-01-1280

Client Reference: ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/19/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 & ser Sain

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

NELAP ID: 03220CA

CSDLAC ID: 10109

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

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



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

Date Received: Work Order No:

01/19/10 10-01-1280 N/A

Preparation: Method:

EPA TO-3M

Project: Exx	onMobil 70104							Pa	ige 1 of 1
Client Sample Num	iber		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF			10-01-1280-1-A	01/15/10 10:30	Air	GC 13	N/A	01/19/10 12:58	100119L01
Comment(s):	-Sample was not recei		commended holding tim						
Parameter		Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	•	ND	1.5	1		ppm (v/v	<i>'</i>)		
A-INT2			10-01-1280-2-A	01/15/10 10:43	Air	GC 13	N/A	01/19/10 13:27	100119L01
Comment(s):	-Sample was not recei	ved within red	commended holding tim						
<u>Parameter</u>		Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline		ND	1.5	1		ppm (v/v)		
A-INT1			10-01-1280-3-A	01/15/10 11:00	Air	GC 13	N/A	01/19/10 13:37	100119L01
Comment(s):	-Sample was not receive	ved within red	commended holding tim	e.					
<u>Parameter</u>		Result	RL	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline		ND	1.5	1		ppm (v/v)		
A-INF			10-01-1280-4-A	01/15/10 11:15	Air	GC 13	N/A	01/19/10 13:47	100119L01
Comment(s):	-Sample was not receiv	ved within red	commended holding tim	e.					
Parameter		Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline		ND	1.5	1		ppm (v/v)		
Method Blank			098-01-005-2,088	N/A	Air	GC 13	N/A	01/19/10 08:59	100119L01
Parameter		Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline		ND	1.5	1		ppm (v/v))		

DF - Dilution Factor ,

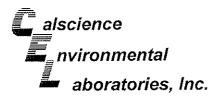


Environmental Resolutions	s, Inc.				Date Rec						01/19/10
601 North McDowell Blvd.					Work Ord	er No:				10-	01-1280
Petaluma, CA 94954-2312) -				Preparation	on:					N/A
Totalallia, on to local more					Method:				Е	EΡΑ	TO-15M
					Units:						pm (v/v)
Project: ExxonMobil 7010	1				Ornio.						ge 1 of 2
Project. Exxoniviosii 7010	· ·							Doto	Date/		
Client Sample Number				ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Analy	/zed	QC Batch ID
A-EFF			10-01-	-1280-1-A	01/15/10 10:30	Air	GC/MS V	N/A	01/19 17:		100119L01
Comment(s): -Sample was not receive											
-The method has been	modified to	use Tedla	r bags i	instead of S	Summa Canisters	5 .		5 1		0.5	Orani
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DE</u>	<u>Qual</u>
Benzene	ND	0.00050			Xylenes (total)		->1=>	ND .	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl I	Ether (MTT	3E)	0.066	0.0020	1	
Ethylbenzene	ND	0.00050		1	Curroactors			REC (%)	Control	C	<u>)ual</u>
Surrogates:	REC (%)	Controi Limits	<u>Qu</u>	<u>idî</u>	Surrogates:				Limits		3
1,4-Bromofluorobenzene	104	57-129			1.2-Dichloroeth	nane-d4		105	47-137		
Toluene-d8	97	78-156			• "						
A-INT2			10-01-	-1280-2-A	01/15/10 10:43	Air	GC/MS V	N/A	01/19 18:		100119L01
Comment(s): -Sample was not receive	ed within re	commend	ed hold	ing time.							
-The method has been	modified to	use Tedia	r bags i	instead of S	Summa Canisters	5.					
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl 8	Ether (MTI	3E)	0.062	0.0020	1	
Ethylbenzene	ND	0.00050		_1	Companies			REC (%)	Control	C	<u>}ual</u>
Surrogates:	<u>REC (%)</u>	Control Limits	<u>Qu</u>	<u>at</u>	Surrogates:			170-75-7-101	Limits		• • • • • • • • • • • • • • • • • • •
1.4-Bromofluorobenzene	108	57-129			1,2-Dichloroeth	nane-d4		119	47-137		
Toluene-d8	100	78-156			,						
A-INT1			10-01-	1280-3-A	01/15/10 11:00	Air	GC/MS V	N/A	01/19 18:		100119L01
Comment(s): -Sample was not receive	red within re	commende	ed hold	ing time.							
-The method has been					Summa Canisters	; <i>,</i>					
Parameter								Result	RL	<u>DF</u>	Qual
			DF	Qual	Parameter			Count	,		
	Result	<u>RL</u>	<u>DF</u> 1	Qual				ND	0.0020	1	
Benzene	Result ND	<u>RL</u> 0.00050	1	Qual	Parameter Xylenes (total) Methyl-t-Butyl [Ether (MT	BE)			1 1	
Benzene Toluene	Result	<u>RL</u>	1 1	<u>Qual</u>	Xylenes (total)	Ether (MT	3E)	ND 0.0088	0.0020 0.0020	1	
Benzene Toluene Ethylbenzene	<u>Result</u> ND ND	<u>RL</u> 0.00050 0.0050	1 1		Xylenes (total)	Ether (MTf	3E)	ND	0.0020 0.0020 Control	1	tual
Benzene Toluene Ethylbenzene Surrogales:	Result ND ND ND ND REC (%)	RL 0.00050 0.0050 0.00050 Control Limits	1 1 1		Xylenes (total) Methyl-t-Butyl (Surrogates:	·	3E)	ND 0.0088 REC (%)	0.0020 0.0020 Control Limits	1	<u>tual</u>
Benzene Toluene Ethylbenzene	Result ND ND ND ND REC (%)	RL 0.00050 0.0050 0.00050 Control Limits 57-129	1 1 1		Xylenes (total) Methyl-t-Butyl I	·	BE)	ND 0.0088	0.0020 0.0020 Control	1	<u>)ual</u>
Benzene Toluene Ethylbenzene Surrogales:	Result ND ND ND ND REC (%)	RL 0.00050 0.0050 0.00050 Control Limits	1 1 1		Xylenes (total) Methyl-t-Butyl (Surrogates:	·	3E)	ND 0.0088 REC (%)	0.0020 0.0020 Control Limits	1	<u>tual</u>

RL - Reporting Lir

DF - Dilution Factor ,

Qual - Qualifiers



Environmental Resolutions, Inc.	Date Received:	01/19/10
601 North McDowell Blvd.	Work Order No:	10-01-1280
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M
	Units:	ppm (v/v)
Desirate Consultate 70404		Page 2 of 2

Project: ExxonMobil 70104

Client Sample Number	Lab Sample Number 10-01-1280-4-A	Collected 01/15/10	Matrix Air	Instrument GC/MS V	Prepared N/A	Analyzed 01/19/10	QC Batch ID 100119L01
A-INF	10-01-1200-4-2	11:15	,		,	19:39	

Comment(s): -Sample was not received within recommended holding time.

-The method has been modified to use Tedlar bags instead of Summa Canisters.

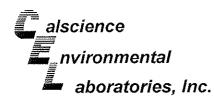
- (He Hiestor has been a	nouncu to	use read	Dago iii	01000	54				
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl Ether (MTBE)	0.095	0.0020	1	
Ethylbenzene	ND	0.00050	1			REC (%)	Control	Q	ıal
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	KEC (%)	Limits	<u> </u>	<u>uai</u>
1.4-Bromofluorobenzene	115	57-129			1,2-Dichloroethane-d4	125	47-137		
Toluene-d8	101	78-156							

Method Blank			099-12	-983-380	N/A	Air	GC/MS V	N/A	01/19 14:4		100119L01
Parameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	RL.	<u>DF</u>	Qual
Benzene	В	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl E	ther (MTI	3E)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1					DCO (0()	المسلم	_) voi
Surrogates:	REC (%)	Control Limits	Qua	<u>al</u>	Surrogates:			REC (%)	Control Limits	<u> </u>	<u>)ual</u>
1,4-Bromofluorobenzene	109	57-129			1,2-Dichloroetha	ıne-d4		128	47-137		
Toluene-d8	101	78-156									

R) - Reporting Limit

DF - Dilution Factor ,

Qual - Qualifier



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received:

01/19/10 10-01-1280

Petaluma, CA 94954-2312

Work Order No: Preparation:

N/A

Method:

EPA TO-3M

Project: ExxonMobil 70104

Page 1 of 1

Project: Exx	oniviobil 70104							Ге	ige i oi i
Client Sample Num	ber		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF			10-01-1280-1-A	01/15/10 10:30	Air	GC 13	N/A	01/19/10 12:58	100119L01
Comment(s):	-Sample was not received	l within rec	ommended holding tim	e.					
<u>Parameter</u>		Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline		ND	5.7	1		mg/m3			
A-INT2			10-01-1280-2-A	01/15/10 10:43	Air	GC 13	N/A	01/19/10 13:27	100119L01
Comment(s):	-Sample was not received	within rec	ommended holding tim						
<u>Parameter</u>		Result	RL	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline		ND	5.7	1		mg/m3			
A-INT1			10-01-1280-3-A	01/15/10 11:00	Air	GC 13	N/A	01/19/10 13:37	100119L01
Comment(s):	-Sample was not received	within reco	ommended holding tim	e.					
Parameter	!	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline		ND	5.7	1		mg/m3			
A-INF		***************************************	10-01-1280-4-A	01/15/10 11:15	Air	GC 13	N/A	01/19/10 13:47	100119L01
Comment(s):	-Sample was not received	within reco	ommended holding tim	е.					
<u>Parameter</u>	·	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline		ND	5.7	1		mg/m3			
Method Blank			098-01-005-2,088	N/A	Air	GC 13	N/A	01/19/10 08:59	100119L01
Parameter	Ē	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline		ND	5.7	1		mg/m3			



Environmental Resolution	s, Inc.			Date Rec	eived:					1/19/10
601 North McDowell Blvd.			Work Order No:				10-01-1280			
Petaluma, CA 94954-231				Preparati	on:					N/A
Tetalulla, O/C 54564 201	<u>c</u>			Method:				E	PA .	TO-15M
				Units:				-	., .	mg/m3
Project: ExxonMobil 7010	14			Offico.					Pag	je 1 of 2
Project. Exxoniviodii 70 K	J -1						Dete	Date		<u></u>
Client Sample Number			Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		zed	QC Batch ID
A-EFF			10-01-1280-1-A	01/15/10 10:30	Air	GC/MS V	N/A	01/19/ 17:1		100119L01
Comment(s): -Sample was not rece										
-The method has bee	n modified to	use Tedla			S.		D#	DI	DE	Qual
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u> Qual	Parameter			Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Benzene	ND	0.0016	1	Xylenes (total)		DE)	ND 0.24	0.0087 0.0072	1	
Toluene	ND ND	0.019 0.0022	1 1	Methyl-t-Butyl	Ettiel (IVIII	DC)	0.24	0.0072	,	
Ethylbenzene Surrogates:	REC (%)		Qual	Surrogates:			REC (%)	Control Limits	Q	<u>ual</u>
1,4-Bromofluorobenzene	104	57-129		1,2-Dichloroet	hane-d4		105	47-137		
Toluene-d8	97	78-156								
A-INT2			10-01-1280-2-A	01/15/10 10:43	Air	GC/MS V	N/A	01/19/ 18:0		100119L01
O	is and within ro	commone	led holding time							
Comment(s): -Sample was not rece				Summa Canister	s					
-The method has been	n modified to	use Tedla	ar bags instead of		s.		Result	RL	<u>DF</u>	Qual
-The method has been Parameter	n modified to <u>Result</u>	use Tedla <u>RL</u>	ar bags instead of <u>DF</u> <u>Qual</u>	<u>Parameter</u>			Result ND	<u>RL</u> 0.0087	<u>DF</u> 1	Qual
-The method has been Parameter Benzene	n modified to	use Tedla	ar bags instead of			BE)				Qual
-The method has been Parameter	n modified to <u>Result</u> ND	use Tedla <u>RL</u> 0.0016	ar bags instead of <u>DF Qual</u> 1	<u>Parameter</u> Xylenes (total) Methyl-t-Butyl		BE)	ND 0.22	0.0087 0.0072	1	-
-The method has been Parameter Benzene Toluene	n modified to <u>Result</u> ND ND	use Tedla <u>RL</u> 0.0016 0.019 0.0022 <u>Control</u>	ar bags instead of <u>DF</u> <u>Qual</u> 1 1	<u>Parameter</u> Xylenes (total)		BE)	ND	0.0087 0.0072 Control	1	<u>Qual</u> ual
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates:	n modified to <u>Result</u> ND ND ND ND <u>REC (%)</u>	RL 0.0016 0.019 0.0022 Control Limits	ar bags instead of <u>DF</u> <u>Qual</u> 1 1 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates:	Ether (MTI	BE)	ND 0.22	0.0087 0.0072	1	-
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene	n modified to <u>Result</u> ND ND ND ND	use Tedla <u>RL</u> 0.0016 0.019 0.0022 <u>Control</u>	ar bags instead of <u>DF</u> <u>Qual</u> 1 1 1	<u>Parameter</u> Xylenes (total) Methyl-t-Butyl	Ether (MTI	BE)	ND 0.22 REC (%)	0.0087 0.0072 Control Limits	1	-
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates:	n modified to Result ND ND ND ND REC (%)	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129	ar bags instead of <u>DF</u> <u>Qual</u> 1 1 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates:	Ether (MTI	BE) GC/MS V	ND 0.22 REC (%)	0.0087 0.0072 Control Limits	1 1 2	-
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1	n modified to Result ND ND ND REC (%) 108 100	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl	Ether (MTI		ND 0.22 REC (%) 119	0.0087 0.0072 Control Limits 47-137	1 1 2	uai
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece	n modified to Result ND ND ND REC (%) 108 100	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00	Ether (MTI hane-d4 Air		ND 0.22 REC (%) 119	0.0087 0.0072 Control Limits 47-137	1 1 2	uai
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been	n modified to Result ND ND ND REC (%) 108 100 ived within re	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00 Summa Canister	Ether (MTI hane-d4 Air		ND 0.22 REC (%) 119	0.0087 0.0072 Control Limits 47-137	1 1 2	uai
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been	n modified to Result ND ND REC (%) 108 100 ived within re	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of DF Qual	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00 Summa Canisters Parameter	Ether (MTI hane-d4 Air		ND 0.22 REC (%) 119 N/A	0.0087 0.0072 <u>Control</u> <u>Limits</u> 47-137 01/19/ 18:5	1 1 <u>Q</u>	uai 100119L01
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been	n modified to Result ND ND REC (%) 108 100 ived within rean modified to Result ND	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL 0.0016	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00 Summa Canister	Ether (MTI hane-d4 Air	GC/MS V	ND 0.22 REC (%) 119 N/A Result	0.0087 0.0072 Control Limits 47-137 01/19/ 18:5	1 1 <u>Q</u> : /10 60	uai 100119L01
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been	n modified to Result ND ND REC (%) 108 100 ived within re	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of DF Qual 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroell 01/15/10 11:00 Summa Canister: Parameter Xylenes (total) Methyl-t-Butyl	Ether (MTI hane-d4 Air	GC/MS V	ND 0.22 REC (%) 119 N/A Result ND 0.032	0.0087 0.0072 <u>Control</u> <u>Limits</u> 47-137 01/19/ 18:5 <u>RL</u> 0.0087 0.0072	1 1 2 710 60 DF 1 1	uai 100119L01 Qual
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been Parameter Benzene Toluene	n modified to Result ND ND REC (%) 108 100 ived within re n modified to Result ND ND	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL 0.0016 0.019 0.0022 Control	ar bags instead of DF Qual 1 1 Qual 10-01-1280-3-A ded holding time. ar bags instead of DF Qual 1 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00 Summa Canister: Parameter Xylenes (total)	Ether (MTI hane-d4 Air	GC/MS V	ND 0.22 REC (%) 119 N/A Result ND	0.0087 0.0072 <u>Control</u> <u>Limits</u> 47-137 01/19/ 18:5 <u>Rt</u> 0.0087 0.0072 <u>Control</u>	1 1 2 710 60 DF 1 1	uai 100119L01
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been Parameter Benzene Toluene Ethylbenzene Surrogates:	n modified to Result ND ND ND REC (%) 108 100 ived within re in modified to Result ND ND ND ND ND REC (%)	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL 0.0016 0.019 0.0022 Control Limits	ar bags instead of DF Qual 1 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of DF Qual 1 1 1 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00 Summa Canister: Parameter Xylenes (total) Methyl-t-Butyl Surrogates:	Ether (MTI hane-d4 Air s.	GC/MS V	ND 0.22 REC (%) 119 N/A Result ND 0.032 REC (%)	0.0087 0.0072 Control Limits 47-137 01/19/ 18:5 RL 0.0087 0.0072 Control Limits	1 1 2 710 60 DF 1 1	uai 100119L01 Qual
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene	n modified to Result ND ND ND REC (%) 108 100 ived within re in modified to Result ND ND ND ND ND ND ND ND ND N	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129	ar bags instead of DF Qual 1 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of DF Qual 1 1 1 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroell 01/15/10 11:00 Summa Canister: Parameter Xylenes (total) Methyl-t-Butyl	Ether (MTI hane-d4 Air s.	GC/MS V	ND 0.22 REC (%) 119 N/A Result ND 0.032	0.0087 0.0072 <u>Control</u> <u>Limits</u> 47-137 01/19/ 18:5 <u>Rt</u> 0.0087 0.0072 <u>Control</u>	1 1 2 710 60 DF 1 1	uai 100119L01 Qual
-The method has been Parameter Benzene Toluene Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -Sample was not rece -The method has been Parameter Benzene Toluene Ethylbenzene Surrogates:	n modified to Result ND ND ND REC (%) 108 100 ived within re in modified to Result ND ND ND ND ND REC (%)	use Tedla RL 0.0016 0.019 0.0022 Control Limits 57-129 78-156 commenduse Tedla RL 0.0016 0.019 0.0022 Control Limits	ar bags instead of DF Qual 1 1 1 Qual 10-01-1280-3-A led holding time. ar bags instead of DF Qual 1 1 1 1	Parameter Xylenes (total) Methyl-t-Butyl Surrogates: 1,2-Dichloroetl 01/15/10 11:00 Summa Canister: Parameter Xylenes (total) Methyl-t-Butyl Surrogates:	Ether (MTI hane-d4 Air s.	GC/MS V	ND 0.22 REC (%) 119 N/A Result ND 0.032 REC (%)	0.0087 0.0072 Control Limits 47-137 01/19/ 18:5 RL 0.0087 0.0072 Control Limits	1 1 2 710 60 DF 1 1	uai 100119L01 Qual

RL - Reporting Limit

DF - Dilution Factor ,

Qual - Qualifiers

Mulham



Environmental Resolution					Date Rec			******			01/19/10	
601 North McDowell Blvc					Work Order No:					10-	-01-1280	
Petaluma, CA 94954-231	12			Preparation:					N/A			
,					Method:				£	ΞΡΑ	TO-15M	
					Units:						mg/m3	
Project: ExxonMobil 701	04									Pa	ge 2 of 2	
Client Sample Number				b Sample Vumber	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID	
A-INF			10-01-	1280-4-A	01/15/10 11:15	Air	GC/MS V	N/A	01/19 19:		100119L01	
Comment(s): -Sample was not reco	eived within re	commend	ded holdi	ng time.		·····						
-The method has bee	en modified to	use Tedla	ar bags ir	nstead of S	Summa Canisters	S.						
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	DF	Qual	
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1		
Toluene	ND	0.019	1		Methyl-t-Butyl	Ether (MT	3E)	0.34	0.0072	1		
Ethylbenzene	ND	0.0022	1					DEC (9/)	Cantrol	-	Quai	
Surrogates:	REC (%)	Control	Qua	<u>ll</u>	Surrogates:			REC (%)	Control Limits	ĩ	<u>Kriai</u>	
	115	<u>Limits</u> 57-129			1.2-Dichloroeth	nana_d4		125	47-137			
1,4-Bromofluorobenzene Toluene-d8	101	78-156			1,2-Dichioroeti	iai ic-u-						
Method Blank		10 100	099-12	-983-380	N/A	Air	GC/MS V	N/A	01/19 14:		100119L01	
	Doguit		DF	Qual	Parameter			Result	RL	DF	Qual	
Parameter	Result	RL		<u>uuai</u>				ND	0.0087	1		
Benzene	ND ND	0.0016 0.019	1 1		Xylenes (total) Methyl-t-Butyl	Ether (MTF	RE)	ND	0.0072	1		
Toluene Ethylbenzene	ND ND	0.0022	1		MOUSTY DULYI	-0.501 (1411 C	,		2,00.2	•		
Surrogates:	REC (%)	Control Limits	Qua	<u>l</u>	Surrogates:			REC (%)	Control Limits	<u>C</u>	Qual	
1,4-Bromofluorobenzene	109	57-129			1,2-Dichloroeth	nane-d4		128	47-137			

Toluene-d8

78-156

101



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method: 01/19/10 10-01-1280 N/A EPA TO-3M

Project: ExxonMobil 70104

Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
Air	GC 13	N/A	01/19/10	100119D01
Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
	Air	Air GC 13 Sample Conc DUP Conc	Matrix Instrument Prepared: Air GC 13 N/A Sample Conc DUP Conc RPD	Matrix Instrument Prepared: Analyzed: Air GC 13 N/A 01/19/10 Sample Conc DUP Conc RPD RPD CL

RPD - Relat

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method: 01/19/10 10-01-1280 N/A EPA TO-3M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-01-1279-4	Air	GC 13	N/A	01/19/10	100119D01
<u>Parameter</u>	Sample Conc	DUP Conc	<u>RPD</u>	RPD CL	Qualifiers
TPH as Gasoline	24	24	1	0-20	

Muhan_



Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.

601 North McDowell Blvd.
Petaluma, CA 94954-2312

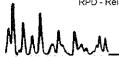
Date Received: Work Order No: Preparation:

Method:

N/A 10-01-1280 N/A EPA TO-15M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix Instr		Date trument Prepared		Da Anal		LCS/LCSD Bate Number	ch
099-12-983-380	Air	GC/MS	S V	N/A	01/19	9/10	100119L01	
<u>Parameter</u>	LCS %	6REC	LCSD %RE	<u>c</u> 5	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	103	}	103		60-156		0-40	
Toluene	105	;	107		56-146	2	0-43	
Ethylbenzene	108	}	111		52-154	3	0-38	
p/m-Xylene	110	1	115		42-156	4	0-41	
o-Xylene	114	:	120		52-148	5	0-38	





Glossary of Terms and Qualifiers

Work Order Number: 10-01-1280

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 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 with no further corrective action required.
Α	Result is the average of all dilutions, as defined by the method.
В	Analyte was present in the associated method blank.
С	Analyte presence was not confirmed on primary column.
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.
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.
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.

Cecile de Guia

From:

Paula Sime [psime@ERI-US.com]

Sent:

January 19, 2010 14:33

To:

Cecile de Guia

Subject:

RE:

Yes, go ahead and analyze past hold this time. Thank you for the email Cecile.



Paula Sime

Sr. Project Manager Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954 psime@eri-us.com www.eri-us.com 707-766-2026-Office 707-338-8012-Cell 707-789-0414-Fax

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From: Cecile de Guia [mailto:CdeGuia@calscience.com]

Sent: Tuesday, January 19, 2010 11:46 AM

To: Paula Sime Cc: Corey Weiand

Subject:

Importance: High

<<10011280.pdf>>

Hi Paula,

Please advise at your earlist convenience if you want us to analyze the vapor samples past holding time?

Thank you.

Cecile de Guia Project Manager Calscience Environmental Laboratories, Inc. 7440 Lincoln Way Garden Grove, CA 92841-1427

Phone: 714-895-5494 x221 Fax: 714-894-7501

CdeGuia@calscience.com

The difference is service

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CHAIN OF CUSTODY RECORD Page ____ of ____ Calscience Consultant Name: Environmental Resolutions, Inc. ExxonMobil Engineer Jennifer Sedlachek **E**nvironmental Address: 601 North McDowell Telephone Number 510-547-8196 🚣 aboratories, Inc. City/State/Zip: Petaluma, CA 94954 Account #: 10228 7440 LINCOLN WAY Project Manager Paula Sime PO#: 4508883534 **GARDEN GROVE, CA 92841** Telephone Number: 707-766-2000 Facility ID # 7-0104 TEL: (714) 895-5494 ERI Job Number: 2506-11X (monthly) Global ID# FAX: (714) 894-7501 Sampler Name: (Print) J Derwin Site Address 1725 Park Street Sampler Signature: _ \ | ______ ExonMobil City, State Zip Alameda, California Special Instructions: TAT PROVIDE: Matrix Analyze For: 24 hour 72 hour Include TPHg, BTEX, and MTBE **EDF Report** TO-3M+TO-15* 96 hour 48 hour ☑ 8 day Soil Sample ID / Description DATE TIME COMP **GRAB PRESERV** NUMBER 0 33 15/10 A-EFF X NONE 1-1L 1 43 A-INT2 NONE 1-1L X Х 60 3 A-INT1 Х NONE 1-1L Χ Х 13 A-INF NONE 1-1L Х Page 14 Relinguished by: Laboratory Comments: 20 GSD Date 1-18-10 Time 1730 Temperature Upon Receipt: Sample Containers Intact? ್ಷ

VOAs Free of Headspace?





〈WebShip〉〉〉〉〉

866-322-5555 WWW.gso.com

Ship From: ALÂN 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, STANTEC (ARCO) **Delivery Instructions:**

Signature Type: SIĞNATURE REQUIRED

513396104 Tracking #: NPS)RC GARDEN GROVE D92843A

> Print Date: 01/18/10 14:26 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:

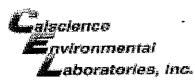
Send Label Via Email

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 tesser 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.

http://app.gso.com/Shipping/applabeldetail.aspx?x=drHn9ZoxM%2f1AIP0ZEYImCCE1oj... 1/18/2010



WORK ORDER #: 10-01- 1 2 8 0

SAMPLE RECEIPT FORM

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

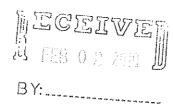
CLIENT: <u>EN</u> DATE: <u>01/19/10</u>
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)
Temperature°C + 0.5°C (CF) =°C
☐ Sample(s) outside temperature criteria (PM/APM contacted by:).
☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.
☐ Received at ambient temperature, placed on ice for transport by Courier.
Ambient Temperature: Air Filter Metals Only PCBs Only Initial: //
CUSTODY SEALS INTACT: ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: #
11/3
□ Sample □ □ No (Not Intact) ☑ Not Present Initial: ☑ ☑
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
Correct containers and volume for analyses requested
Analyses received within holding time
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:
Solid: □4ozCGJ □8ozCGJ □16ozCGJ □Sleeve □EnCores® □TerraCores® □
Water: □VOA □VOAh □VOAna2 □125AGB □125AGBh □125AGBp □1AGB □1AGBna2 □1AGBs
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGBs □1PB □500PB □500PB na
□250PB
Air: ☑Tedlar® □Summa® Other: □ Trip Blank Lot#: Checked by: ₩/>
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by:

OP T100_090 (07/16/09



January 26, 2010

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



Subject: Calscience Work Order No.: 10-01-1698

Client Reference:

ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/23/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 & se Soin

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

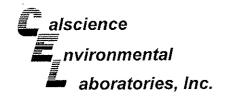
NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

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

FAX: (714) 894-7501



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

Date Received: Work Order No: Preparation: Method: 01/23/10 10-01-1698 N/A EPA TO-3M

Project: ExxonMobil 70104

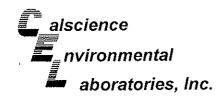
Page 1 of 1

Project: ExxonMobil /0104							1 0	igc 1 01 1
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF		10-01-1698-1-A	01/22/10 12:00	Air	GC 13	N/A	01/23/10 10:03	100123L01
P <u>arameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/	/)		
A-INT2		10-01-1698-2-A	01/22/10 12:15	Air	GC 13	N/A	01/23/10 11:20	100123L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/	/)		
A-INT1		10-01-1698-3-A	01/22/10 12:30	Air	GC 13	N/A	01/23/10 11:31	100123L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/	/)		
A-INF		10-01-1698-4-A	01/22/10 12:45	Air	GC 13	N/A	01/23/10 11:42	100123L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/	v)		
Method Blank		098-01-005-2,093	N/A	Air	GC 13	N/A	01/23/10 09:04	100123L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/	v)		
'								

RL - Reporting Limit

DF - Dilution Factor ,

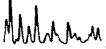




Analytical Report

Environmental Resolutions	, Inc.				Date Rec					01/23/10		
601 North McDowell Blvd.			Work Order No:					10-01-1698				
Petaluma, CA 94954-2312					Preparation	on:					N/A	
·					Method:				E		TO-15M	
					Units:					ķ	pm (v/v)	
Project: ExxonMobil 70104	4									Pa	ge 1 of 2	
Client Sample Number				Sample nber	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/		QC Batch ID	
A-EFF			10-01-169		01/22/10 12:00	Air	GC/MS V	N/A	01/23 20:3		100123L01	
		· · · · · · · · · · · · · · · · · · ·										
Comment(s): -The method has been						i.		Result	RL	DF	Qual	
<u>Parameter</u>	Result	<u>RL</u>		<u>laud</u>	<u>Parameter</u>			ND	0.0020	1	<u>Quan</u>	
Benzene	ND	0.00050	1		Xylenes (total) Methyl-t-Butyl I	Ethor (MT)) []	0.054	0.0020	1		
Toluene	ND ND	0.0050 0.00050	1		wetryi-t-butyi t	-{IIGI (IVIII	JL,	0.001	0.0020	•		
Ethylbenzene	REC (%)	Control	Qual		Surrogates:			REC (%)	Control	9	<u>Qual</u>	
Surrogates:	1150 1707	Limits	25.33311						<u>Limits</u>			
1,4-Bromofluorobenzene	105	57-129			1,2-Dichloroeth	nane-d4		95	47-137			
Toluene-d8	101	78-156										
A-INT2			10-01-169	8-2-A	01/22/10 12:15	Air	GC/MS V	N/A	01/23 21:		100123L01	
	1161 1 4				··········· Conintors							
Comment(s): -The method has been				ead of S Qual	Parameter).		Result	RL	DΕ	Qual	
Parameter	Result	RL 0.00050		<u> uai</u>	Xylenes (total)			ND	0.0020	1		
Benzene	ND ND	0.00050 0.0050	1 1		Methyl-t-Butyl I	Ether (MTI	3E)	0.056	0.0020	1		
Toluene Ethylbenzene	ND	0.00050			(violity) (Out).	20,707 (7111	,					
Surrogates:	REC (%)		Qual		Surrogates:			REC (%)		9	<u>Qual</u>	
Corrogation.		<u>Limits</u>						00	Limits			
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroeth	ane-d4		96	47-137			
Toluene-d8	104	78-156	40.04.400	10 2 A	01/22/10	Air	GC/MS V	N/A	01/23	3/10	100123L01	
A-INT1			10-01-169	10-3-A	12:30	A11	GONNO I		22:	06		
Comment(s): -The method has been	modified to	use Tedla	ır baqs inst	ead of S	Summa Canisters).						
Parameter	Result	RL		Qual	Parameter			Result	RL	DF	Qual	
Benzene	ND	0.00050			Xylenes (total)			ND	0.0020	1		
Toluene	ND	0.0050	1		Methyl-t-Butyl I	Ether (MTI	BE)	0.0051	0.0020	1		
Ethylbenzene	ND	0.00050	1					DEC (9/1	0	,) wal	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:			<u>REC (%)</u>	Control Limits	č	<u>Qual</u>	
1.4-Bromofluorobenzene	105	57-129			1,2-Dichloroeth	nane-d4		96	47-137			
Toluene-d8	104	78-156										
, diddie do												

DF - Dilution Factor ,





Environmental Resolutions, Inc. 601 North McDowell Blvd.

Petaluma, CA 94954-2312

Date Received:

Work Order No:

Preparation:

Method: Units:

01/23/10

10-01-1698

N/A

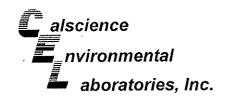
EPA TO-15M ppm (v/v)

Page 2 of 2

Project:	ExxonMobil	70104
FIUICU.		7 U I U4

Project: ExxonMobil 7010)4								Pa	age 2 of 2
Client Sample Number				ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF			10-01-	1698-4-A	01/22/10 12:45	Air	GC/MS V	N/A	01/23/10 22:53	100123L01
Comment(s): -The method has bee	n modified to	use Tedla	r bags i	nstead of S	Summa Canisters	3 .				
Parameter	Result	<u>RL</u>	DF	Qual	<u>Parameter</u>			Result	<u>RL</u> <u>DF</u>	Qual
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020 1	
Toluene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTI	BE)	0.057	0.0020 1	
Ethylbenzene	ND	0.00050	1						0	Q(
Surrogates:	REC (%)	Control Limits	Qua	<u>al</u>	Surrogates:			<u>REC (%)</u>	Control Limits	Qual
1,4-Bromofluorobenzene	106	57-129			1,2-Dichloroeth	nane-d4		95	47-137	
Toluene-d8	102	78-156								
Method Blank			099-12	-983-391	N/A	Air	GC/MS V	N/A	01/23/10 13:17	100123L01
Parameter	Result	RL	DF	Qual	Parameter			Result	<u>RL</u> <u>D</u> E	Qual
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020 1	
Toluene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTI	BE)	ND	0.0020 1	
Ethylbenzene	ND	0.00050	1							
Surrogates:	REC (%)	Control Limits	Qua	<u>al</u>	Surrogates:			REC (%)	Control Limits	Qual
1.4-Bromofluorobenzene	97	57-129			1,2-Dichloroeth	ane-d4		97	47-137	
Toluene-d8	97	78-156								

RL - Reporting Limit ,



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

Date Received: Work Order No: Preparation: Method: 01/23/10 10-01-1698 N/A EPA TO-3M

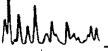
Project: ExxonMobil 70104

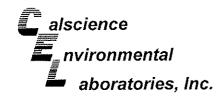
Page 1 of 1

Tojoot: Exxoninosii (a to :								
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF		10-01-1698-1-A	01/22/10 12:00	Air	GC 13	N/A	01/23/10 10:03	100123L01
Parameter Parameter	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INT2		10-01-1698-2-A	01/22/10 12:15	Air	GC 13	N/A	01/23/10 11:20	100123L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INT1		10-01-1698-3-A	01/22/10 12:30	Air	GC 13	N/A	01/23/10 11:31	100123L01
Para <u>meter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INF		10-01-1698-4-A	01/22/10 12:45	Air	GC 13	N/A	01/23/10 11:42	100123L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
Method Blank		098-01-005-2,093	N/A	Air	GC 13	N/A	01/23/10 09:04	100123L01
Parameter	Result	<u>RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			

RL - Reporting Limit ,

DF - Dilution Factor ,





Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received:

01/23/10 10-01-1698

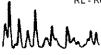
Petaluma, CA 94954-2312

Work Order No: Preparation: Method:

N/A EPA TO-15M

					Units:						mg/m3
Project: ExxonMobil 70	104									Pag	ge 1 of 2
Client Sample Number				Sample umber	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
A-EFF			10-01-16	98-1-A	01/22/10 12:00	Air	GC/MS V	N/A	01/23 20:3		100123L01
Comment(s): -The method has b	een modified to	use Tedla	ar bags ins	tead of S	umma Canisters),					
Parameter	Result	RL		Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1	
Toluene	ND	0.019	1		Methyl-t-Butyl	Ether (MTI	BE)	0.20	0.0072	1	
Ethylbenzene	ND	0.0022	1							,	S I
Surrogates:	REC (%)	Control	Qual		Surrogates:			REC (%)		<u> </u>	<u>}ual</u>
		<u>Limits</u>						95	Limits		
1,4-Bromofluorobenzene	105	57-129			1,2-Dichloroeth	nane-d4		90	47-137		
Toluene-d8	101	78-156			****						
A-INT2			10-01-16	98-2-A	01/22/10 12:15	Air	GC/MS V	N/A	01/2: 21:		100123L01
Comment(s): -The method has been sense to be sense to	Result ND ND ND ND REC (%)	RL 0.0016 0.019 0.0022 Control Limits	<u>DF</u> 1 1 1 <u>Qual</u>	Qual	Parameter Xylenes (total) Methyl-t-Butyl Surrogates:		BE)	Result ND 0.20 REC (%)	RL 0.0087 0.0072 Control Limits	DE 1 1	Qual Qual
1.4-Bromofluorobenzene	104	57-129			1,2-Dichloroeth	rane-d4		96	47-137		
Toluene-d8	104	78-156									
A-INT1			10-01-16	98-3-A	01/22/10 12:30	Air	GC/MS V	N/A	01/2: 22:		100123L01
Comment(s): -The method has t	neen modified to	use Tedis	ar hans ins	stead of S	Jumma Canisters	š.					
	Result	RL	DE	Qual	Parameter			Result	RL	DF	Qual
<u>Parameter</u>	ND	0.0016	1	men	Xylenes (total)			ND	0.0087	1	
Benzene	ND ND	0.0016	1		Methyl-t-Butyl	Ether (MT)	BE)	0.019	0.0072	1	
Toluene	ND	0.0022	1		,,,		,	•			
Ethylbenzene Surrogates:	REC (%)	Control Limits	Qual		Surrogates:			REC (%)	Control Limits	<u>(</u>	Qual
1,4-Bromofluorobenzene Toluene-d8	105 104	57-129 78-156			1,2-Dichloroeti	nane-d4		96	47-137		

DF - Dilution Factor ,





Environmental Resolutions, Inc. 601 North McDowell Blvd.

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

Work Order No: Preparation:

Method: Units: 01/23/10

10-01-1698

N/A

EPA TO-15M mg/m3

Project: ExxonMobil 70104

Page 2 of 2

Project: ExxonMobil 70	104									1 4	JC 24 O1 Z
Client Sample Number			Lab Sa Numl		Date/Time Collected	Matrix	Instrument	Date Prepared	Date/T Analy		QC Batch ID
A-INF			10-01-1698		01/22/10 12:45	Air	GC/MS V	N/A	01/23 22:5		100123L01
Comment(s): -The method has be	een modified to	use Tedla	ır bags instea	d of Su	ımma Canisters	3.					
Parameter	Result	RL	DF Qu		<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1	
Toluene	ND	0.019	1		Methyl-t-Butyl	Ether (MT	BE)	0.21	0.0072	1	
Ethylbenzene	ND	0.0022	1					, DEO (8/)	Control	r)ua <u>l</u>
Surrogates:	REC (%)	Control Limits	<u>Qual</u>		Surrogates:			REC (%)	Control Limits	ñ	<u>(uai</u>
1,4-Bromofluorobenzene	106	57-129			1,2-Dichloroeti	nane-d4		95	47-137		
Toluene-d8	102	78-156									
Method Blank			099-12-983	-391	N/A	Air	GC/MS V	N/A	01/23 13:1		100123L01
Descriptor	Result	RL	DF Qu	ıal	Parameter			Result	<u>RL</u>	<u>DF</u>	Qual
Parameter			1	<u></u>	Xylenes (total)			ND	0.0087	1	
Benzene	ND ND	0.0016 0.019	i 1		Methyl-t-Butyl		BE)	ND	0.0072	1	
Toluene	ND	0.0022	1		1110tt.j. tj.		,				
Ethylbenzene Surragetes:	REC (%)	Control	<u>Qual</u>		Surrogates:			REC (%)		<u>(</u>	<u>Qual</u>
Surrogates:	1120 (70)	Limits							<u>Limits</u>		
1.4-Bromofluorobenzene	97	57-129			1,2-Dichloroet	hane-d4		97	47-137		
Toluene-d8	97	78-156									

Maha



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method: 01/23/10 10-01-1698 N/A EPA TO-3M

Project: ExxonMobil 70104

Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
Air	GC 13	N/A	01/23/10	100123D01
Sample Conc	DUP Conc	<u>RPD</u>	RPD CL	Qualifiers
	Air	Air GC 13 Sample Conc DUP Conc	Matrix Instrument Prepared: Air GC 13 N/A Sample Conc DUP Conc RPD	Matrix Instrument Prepared: Analyzed: Air GC 13 N/A 01/23/10 Sample Conc DUP Conc RPD RPD CL



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method: 01/23/10 10-01-1698 N/A EPA TO-3M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-01-1699-1	Air	GC 13	N/A	01/23/10	100123D01
<u>Parameter</u>	Sample Conc	DUP Conc	<u>RPD</u>	RPD CL	Qualifiers
TPH as Gasoline	18	18	0	0-20	



Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received:
Work Order No:
Preparation:

N/A 10-01-1698 N/A

Method:

EPA TO-15M

Project: ExxonMobil 70104

Petaluma, CA 94954-2312

Quality Control Sample ID	Matrix	Instrument	Date Prepare	Da d Anal		LCS/LCSD Bate Number	ch .
099-12-983-391	Air	GC/MS V	N/A	01/23	3/10	100123L01	
<u>Parameter</u>	LCS %RE	C LCSD S	%REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	103		60-156	11	0-40	
Toluene	96	106		56-146	10	0-43	
Ethylbenzene	99	108		52-154	9	0-38	
p/m-Xylene	107	117		42-156	9	0-41	
o-Xylene	103	113		52-148	9	0-38	

RPD - Rela



Glossary of Terms and Qualifiers

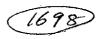


Work Order Number: 10-01-1698

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 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 with no further corrective action required.
Α	Result is the average of all dilutions, as defined by the method.
В	Analyte was present in the associated method blank.
С	Analyte presence was not confirmed on primary column.
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.
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.
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.

CHAIN OF CUSTODY RECORD

				C	HAIN OF	CUSTOD	Y RECORD)							Pa	ge	of_		
ischoon	έs <u>-</u>	Co	nsultant Name:	Environment	al Resolutio	กร, Inc.		1	Еххол	idoMı	í Engi	леег <u>.</u>	Jennife	r Sedla	achek				
aricus			Address:	601 North Me	cDowell			Telephone Number 510-547-8196											
Labor	otories, Inc.		City/State/Zip:	Petaluma, C	A 94954			Account #: 19228											
440 LINCOLN	WAY	F	Project Manager	Paula Sime				PO #: 4508883534											
SARDEN GROV	VE, CA 92841	Tele	phone Number:	707-766-200	0					F	acility	/ ID #]	7-0104						
EL: (714) 895-	5494	E	RI Job Number:	2506-11)	K (mont	hly)					Globa	al ID#_							
FAX: (714) 89	4-7501	Samp	ler Name: (Print)	Jon He	rman					Sit	e Ado	dress_	1725 Pa	rk Stree	±t				
EXcon	Mobil	San	npler Signature:							City	, State	e Zip _	Nameda	da, California					
AT		PROVIDE:	Special Instruc	tions:				·····		Matri	×.				Ana	alyze Fo	or:		
24 hour	72 hour	EDF Report	* Include 1	PHg, BT	EX, and	MTBE							ů						
48 hour	96 hour												6						
✓8 day													1+V						
	Sample ID / Descri	ption	DATE	TIME	СОМР	GRAB	PRESERV	NUMBER	Water	Soil	Vapor		TO-3M+TO-15*						***************************************
	A-EFF		1/22/10	1200		х	NONE	1-1L			х		х						T
	A-INT2		1/22/10	1215		Х	NONE	1-1L	<u>† </u>		х		x					1	\dagger
			1/22/10	1230		X	NONE	1-1L		 	X		X	+			_	+	+
	A-INT1		1/22/10	1245						 				-			-	+	+
	A-INF		-// ٥	1875		X	NONE	1-1L	-	_	X		Х				-	+	+
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Relinquished by	Jon Herman	n Date 1/2	22/10	Time \U	00	Received b	» (D)	2	C	EL	-Time	141)0 La	borato	ry Cor	nment	s:		
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telinquished by		Date (1-66-	Time (13()	Received b	y Calscience		C	<u>-</u>	Time	08	AT	VOA	\s Fre€	of Her	adspac	ж?	





<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: SIĞNATURE REQUIRED

513429723 Tracking #:

GARDEN GROVE

D92843A



Print Date: 01/22/10 14:28 PM Package 1 of 1

Send Label To Printer

Print All

Edit Shipment

Pinish

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:

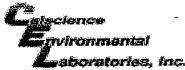
Send Label Via Email

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.

http://app.gso.com/Shipping/applabeldetail.aspx?x=drHn9ZoxM%2f1WI.Rt27ozNXOkcP المارية المسترية والمراق المنافع المراق المستودة والمستودة والمستو



WORK ORDER #: 10-01- □ 6 2 2

SAMPLE RECEIPT FORM

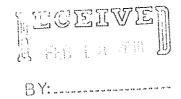
Gooler____/ of _____

CLIENT: ERI	ATE:	01/23/10
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C - 6.0 °C, not frozen) Temperature °C + 0.5 °C (CF) = °C		
Ambient Temperature: 🗹 Air 🗆 Filter 🗆 Metals Only 🗆 PCBs Only		Initial: YC
CUSTODY SEALS INTACT: □ Cooler □ □ No (Not Intact) ☑ Not Present □ Sample □ No (Not Intact) ☑ Not Present	□ N/A	Initial: <u>火レ</u> Initial: <u>W</u> らく
SAMPLE CONDITION: Yes Chain-Of-Custody (COC) document(s) received with samples		No N/A
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.		b . –
Sample container label(s) consistent with COC		
Sample container(s) intact and good condition		
Correct containers and volume for analyses requested		
Analyses received within holding time		
Proper preservation noted on COC or sample container		D 97
☐ Unpreserved vials received for Volatiles analysis		
Volatile analysis container(s) free of headspace		
Tedlar bag(s) free of condensation		
CONTAINER TYPE:		
Solid: □4ozCGJ □8ozCGJ □16ozCGJ □Sleeve □EnCores [®] □Te	rraCores ⁶	® <u> </u>
Water: □VOA □VOAh □VOAna₂ □125AGB □125AGBh □125AGBp □1		
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGBs □		
□250PB □250PBn □125PB □125PB z nna □100PJ □100PJ na ₂ □		
Air: ☑Tedlar® □Summa® Other: □ Trip Blank Lot#:	с	hecked by: 🚧 🤇
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Enve	lope Re	eviewed by:



February 17, 2010

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



Subject:

Calscience Work Order No.: 10-02-1251

Client Reference:

ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/13/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 & se Soia

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

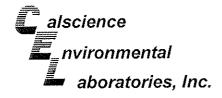
NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

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

FAX: (714) 894-7501



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

Date Received: Work Order No: Preparation: Method: 02/13/10 10-02-1251 N/A EPA TO-3M

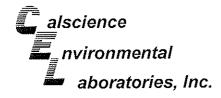
Project: ExxonMobil 70104

Page 1 of 1

Project: ExxonMobil 70104							Pa	ige i oi i
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF		10-02-1251-1-A	02/12/10 12:15	Air	GC 13	N/A	02/13/10 11:49	100213L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v))		
A-INT2		10-02-1251-2-A	02/12/10 12:30	Aìr	GC 13	N/A	02/13/10 13:52	100213L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v)	}		
A-INT1		10-02-1251-3-A	02/12/10 12:45	Air	GC 13	N/A	02/13/10 14:02	100213L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v)	H		
A-INF		10-02-1251-4-A	02/12/10 13:00	Air	GC 13	N/A	02/13/10 14:13	100213L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v)			
Method Blank		098-01-005-2,116	N/A	Air	GC 13	N/A	02/13/10 09:33	100213L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v)			

RL - Reporting Limit ,

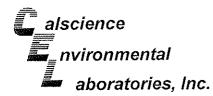
DF - Dilution Factor ,



Environmental Resolutions	, Inc.				Date Red	ceived:					02/13/10
601 North McDowell Blvd.					Work Ord	der No:				10	-02-1251
Petaluma, CA 94954-2312					Preparati	ion:					N/A
Ctatama, Critical 2012					Method:				f	ΞPΑ	TO-15M
					Units:						opm (v/v)
Duringto Francis Malail 7040	4				Ornito.						ge 1 of 2
Project: ExxonMobil 7010	4										90 . 0
Client Sample Number				Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Anal	vzed	QC Batch ID
A-EFF			10-0	12-1251-1-A	02/12/10 12:15	Air	GC/MS V	N/A	02/1: 15:		100213L01
Comment(s): -The method has been	modified to	use Tedla	ır bag	s instead of S	Summa Canister	s.					
Parameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>D</u> F	Qual
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl	Ether (MT	BE)	0.055	0.0020	1	
Ethylbenzene	ND	0.00050	1					REC (%)	Control		Qual
Surrogates:	REC (%)	Control Limits	(<u>)ual</u>	Surrogates:			KEC (70)	Limits	;	<u> Xuai</u>
1,4-Bromofluorobenzene	103	57-129			1,2-Dichloroet	hane-d4		96	47-137		
Toluene-d8	100	78-156									
A-INT2			10-0	2-1251-2-A	02/12/10 12:30	Air	GC/MS V	N/A	02/1; 15:		100213L01
Comment(s): -The method has been						S.		Dogult	рI	<u>DF</u>	Qual
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			Result	<u>RL</u>		Quai
Benzene	ND	0.00050	1		Xylenes (total))E\	ND 0.055	0.0020	1	
Toluene	ND ND	0.0050 0.00050	1		Methyl-t-Butyl	Ettier (MTE)L)	0.000	0.0020	'	
Ethylbenzene	REC (%)	Control		\ual	Surrogates:			REC (%)	Control	9	<u>Qual</u>
Surrogates:	1120 (70)	Limits	.35						<u>Limits</u>		
1,4-Bromofluorobenzene	107	57-129			1,2-Dichloroet	hane-d4		102	47-137		
Toluene-d8	102	78-156									
A-INT1			10-0	2-1251-3-A	02/12/10 12:45	Air	GC/MS V	N/A	02/13 16:		100213L01
Comment(s): -The method has been	modified to	uco Tadio	chac	e inctact of S	tumma Canieter	۹					
Parameter	Result	RL	DF	Sinstead of 3	Parameter	.		Result	RL	DΕ	Qual
Benzene	ND	0.00050	1	39,0131	Xvienes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl		BE)	0.015	0.0020	1	
Ethylbenzene	ND	0.00050	1								
Surrogates:	REC (%)	Control	<u>C</u>	<u>lual</u>	Surrogates:			REC (%)	Control Limits	9	Qual
	400	Limits			4.2 Diobloroot	hano da		103	47-137		
1,4-Bromofluorobenzene	103	57-129			1,2-Dichtoroet	nan e u4		130	101		
Toluene-d8	110	78-156									

RL - Reporting Limit

DF - Dilution Factor ,



Environmental Resolutions, Inc.	Date Received:	02/13/10
601 North McDowell Blvd.	Work Order No:	10-02-1251
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M
	Units:	ppm (v/v)

Project: ExxonMobil 7010	4									Pag	ge 2 of 2
Client Sample Number				b Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/T Analyz		QC Batch ID
A-INF			10-02-	1251-4-A	02/12/10 13:00	Air	GC/MS V	N/A	02/13/ 17:3		100213L01
Comment(s): -The method has beer	modified to	use Tedia	ır bags ir	nstead of S	Summa Canisters	S.					
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl I	Ether (MT	3E)	0.049	0.0020	1	
Ethylbenzene	ND	0.00050	1							_	
Surrogates:	REC (%)	Control Limits	Qua	<u>il</u>	Surrogates:			REC (%)	Control Limits	<u>C</u>	<u>}ual</u>
1,4-Bromofluorobenzene	109	57-129			1,2-Dichloroeth	ane-d4		102	47-137		
Toluene-d8	105	78-156									
Method Blank			099-12	-983-450	N/A	Air	GC/MS V	N/A	02/13/ 12:5		100213L01
Parameter	Result	RL	<u>DF</u>	Qual	Parameter			Result	<u>RL</u>	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl (Ether (MTE	3E)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1								
Surrogates:	REC (%)	Control Limits	Qua	1	Surrogates:			REC (%)	Control Limits	Ω	<u>tual</u>
1.4-Bromofluorobenzene	99	57-129			1,2-Dichloroeth	ane-d4		100	47-137		
Toluene-d8	99	78-156									

RL - Reporting Limit ,



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

Date Received: Work Order No: Preparation: Method:

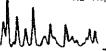
02/13/10 10-02-1251 N/A EPA TO-3M

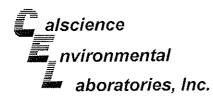
Page 1 of 1

Project: ExxonMobil 70104						,,	Pa	ige 1 of 1
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF		10-02-1251-1-A	02/12/10 12:15	Air	GC 13	N/A	02/13/10 11:49	100213L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>			
TPH as Gasoline	DN	5.7	1		mg/m3			
A-INT2		10-02-1251-2-A	02/12/10 12:30	Air	GC 13	N/A	02/13/10 13:52	100213L01
Parameter	Result	RL	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INT1		10-02-1251-3-A	02/12/10 12:45	Air	GC 13	N/A	02/13/10 14:02	100213L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INF		10-02-1251-4-A	02/12/10 13:00	Air	GC 13	N/A	02/13/10 14:13	100213L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
Method Blank		098-01-005-2,116	N/A	Air	GC 13	N/A	02/13/10 09:33	100213L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			

RL - Reporting Limit ,

DF - Dilution Factor ,

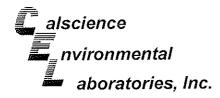




Environmental Resolutions	s, Inc.				Date Red	eived:					02/13/10
601 North McDowell Blvd.					Work Ord	der No:				10-	-02-1251
Petaluma, CA 94954-2312)				Preparati	on:					N/A
r etaluma, O/C 54004 2012	•				•				F	=рд	TO-15M
										_'	mg/m3
					Offics.					D.	J
Project: ExxonMobil 7010	4									Pa	ge 1 of 2
Client Sample Number			Ł	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
A-EFF	•		10-02	-1251-1-A	02/12/10 12:15	Air	GC/MS V	N/A	02/1: 15:		100213L01
Comment(s): -The method has been	modified to	use Tedla	ar bags	instead of S	Summa Canister	s.					
Parameter	Result	RL	DF	Qual	<u>Parameter</u>			Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1	
Toluene	ND	0.019	1		Methyl-t-Butyl	Ether (MTE	3E)	0.20	0.0072	1	
Ethylbenzene	ND	0.0022	1		_			DEO (91)	Orestant	,	N. ml
Surrogates:	REC (%)	Control	Qu	<u>al</u>	Method: Units: e Date/Time Collected Matrix Instru 1 02/12/10 Air GC/M 12:15 Summa Canisters. Parameter Xylenes (total) Methyl-t-Butyl Ether (MTBE) Surrogates: 1,2-Dichloroethane-d4 02/12/10 Air GC/M 12:30 Summa Canisters. Parameter Xylenes (total) Methyl-t-Butyl Ether (MTBE) Surrogates: 1,2-Dichloroethane-d4 02/12/10 Air GC/M Surrogates: 1,2-Dichloroethane-d4 02/12/10 Air GC/M 12:45 Summa Canisters. Parameter Summa Canisters. Parameter			REC (%)	Control Limits	Qual	
4.4 December of the section of the s	103	<u>Limits</u> 57-129			1.2-Dichloroet	hane-d4		96	47-137		
1,4-Bromofluorobenzene Toluene-d8	100	78-156			1,2-21611161666	nano o i					
A-INT2	100	10 100	10-02-	.1251-2-Δ	02/12/10	Air	GC/MS V	N/A	02/13	3/10	100213L01
A-IN12			10-02	1201-27					15:	59	
Comment(s): -The method has been	modified to	use Tedla	ar bags i	instead of S	Summa Canister	S.					
Parameter	Result	RL		Qual				Result	<u>RL</u>	DF	Qual
Benzene	ND	0.0016	1		Work Order No: Preparation: Method: Units: e Date/Time Collected Matrix Instrument Prepared A 02/12/10 Air GC/MS V N/A f Summa Canisters. Parameter Result Exprepared A 02/12/10 Air GC/MS V N/A Surrogates: REC (%) C C C C C C C C C C C C C C C C C C C		0.0087	1			
Toluene	ND	0.019	1		Methyl-t-Butyl	Ether (MTE	3E)	0.20	0.0072	1	
Ethylbenzene	ND	0.0022	1		12:30 ead of Summa Canisters. Qual Parameter Xylenes (total) Methyl-t-Butyl Ether (MTBE) Surrogates:					,	N -4
Surrogates:	REC (%)	Control	Qu	<u>al</u>	Xylenes (total) Methyl-t-Butyl Ether (MTBE)			REC (%)	Control Limits	₹	<u>)ual</u>
4.4.Daniellusenhonzono	107	<u>Limits</u> 57-129			1.2-Dichloroet	nane-d4		102	47-137		
1,4-Bromofluorobenzene Toluene-d8	102	78-156			1,2-0101101001	iana a i					
A-INT1	,	10 100	10-02-	·1251-3-A		Air	GC/MS V	N/A	02/13 16:4		100213L01
		7		antoni of C	Tumma Casistan	~					
Comment(s): -The method has been						>.		Result	RL	<u>DF</u>	Qual
<u>Parameter</u>	Result	RL		Qua					0.0087	1	
Benzene	ND ND	0.0016 0.019				Ether (MTF	3E)		0.0007	1	
Toluene Ethylbenzene	ND ND	0.0022			wicklyi'r Dutyr	cation (iii) a	····	*.***	0.007.4	,	
Surrogates:	REC (%)	Control		al	Surrogates:			REC (%)	Control	<u>C</u>	<u>)ual</u>
<u>Our Dyares.</u>		Limits		-					<u>Limits</u>		
1,4-Bromofluorobenzene	103	57-129	10-02-1251-1-A Illar bags instead of Su DF Qual 1 1 Qual 10-02-1251-2-A Illar bags instead of Su DF Qual 1 1 1 Qual 10-02-1251-3-A Illar bags instead of Su DF Qual 1 1 1 Qual 1 Qual		1,2-Dichloroeth	1,2-Dichloroethane-d4			47-137		
Toluene-d8	110	78-156									

RL - Reporting Limit

DF - Dilution Factor ,



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received: Work Order No: 02/13/10 10-02-1251

Petaluma, CA 94954-2312

Preparation: Method: N/A EPA TO-15M mg/m3

					Units:					mymis
Project: ExxonMobil 7010	4								Į	Page 2 of 2
Client Sample Number				ıb Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Tin Analyze	OC Datab ID
A-INF			10-02-1251-4-A		02/12/10 13:00	Air	GC/MS V	N/A	02/13/1 17:35	
Comment(s): -The method has been	modified to	use Tedla	ar bags i	nstead of S	Summa Canisters	š.				
Parameter	Result	RL	DF	Quai	Parameter			Result	<u>RL</u> [<u>)F Qual</u>
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1
Toluene	ND	0.019	1		Methyl-t-Butyl I	Ether (MT	3E)	0.18	0.0072	1
Ethylbenzene	ND	0.0022	1							01
Surrogates:	REC (%)	Control	Qua	<u>al</u>	Surrogates:			REC (%)	Control Limits	Qual
	400	<u>Limits</u>			4 O Dieblesseb			102	47-137	
1,4-Bromofluorobenzene	109	57-129			1,2-Dichloroeth	nane-d4		102	41-131	
Toluene-d8	105	78-156							201404	
Method Blank			099-12	-983-450	N/A	Air	GC/MS V	N/A	02/13/1 12:53	0 100213L01
Parameter	Result	RL	<u>DF</u>	Qual	Parameter			Result	RL [)F Qual
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1
Toluene	ND	0.0010	1		Methyl-t-Butyl I	Ether (MT6	BE)	ND	0.0072	1
Ethylbenzene	ND	0.0022	1		, ,	,	•			
Surrogates:	REC (%)	Control	Qua	<u>il</u>	Surrogates:			REC (%)	Control Limits	Qual
4.4.8	99	<u>Limits</u> 57-129			1.2-Dichloroeth	sano.d4		100	47-137	
1,4-Bromofluorobenzene					1,2-0101101080	iai ic-un			, •.	
Toluene-d8	99	78-156								

DF - Dilution Factor ,



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method: 02/13/10 10-02-1251 N/A EPA TO-3M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-02-1252-2	Air	GC 13	N/A	02/13/10	100213D01
<u>Parameter</u>	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	3.7	3.8	4	0-20	

Muhan_



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method: 02/13/10 10-02-1251 N/A EPA TO-3M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-02-1252-2	Air	GC 13	N/A	02/13/10	100213D01
<u>Parameter</u>	Sample Conc	DUP Conc	<u>RPO</u>	RPD CL	Qualifiers
TPH as Gasoline	14	15	4	0-20	

Muhan_



Quality Control - LCS/LCS Duplicate

aboratories, Inc.

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

Date Received: Work Order No:

Preparation: Method:

N/A

10-02-1251 N/A

EPA TO-15M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instr			ite yzed	LCS/LCSD Bate Number	ch	
099-12-983-450	Air	GC/MS V		N/A	02/13	3/10	100213L01	
Parameter Parameter	LCS %	<u>6REC</u>	LCSD %	REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90		92		60-156	2	0-40	
Toluene	89		101		56-146	12	0-43	
Ethylbenzene	97		103		52-154	7	0-38	
•	104		113		42-156	8	0-41	
p/m-Xylene o-Xylene	98		109		52-148	11	0-38	



Glossary of Terms and Qualifiers

Work Order Number: 10-02-1251

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.
Α	Result is the average of all dilutions, as defined by the method.
В	Analyte was present in the associated method blank.
С	Analyte presence was not confirmed on primary column.
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.
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.
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.

CHAIN OF CUSTODY RECORD

(125)

Page ____ of ___

Calscience	Con	sultant Name:	Consultant Name: Environmental Resolutions, Inc.						ExxonMobil Engineer Jennifer Sedlachek										
Environmental	Address: 601 North McDowell						Telephone Number 510-547-8196												
Laboratories, Inc.		City/State/Zip:	Petaluma, C.	A 94954				Account #: 10228											
440 LINCOLN WAY	Pi	oject Manager	Paula Sime			· · · · · · · · · · · · · · · · · · ·		PO #: 4508883534											
ARDEN GROVE, CA 92841		hone Number:			··· ··· ··· ··· ··· ··· ·			Facility ID # 7-0104											
EL: (714) 895-5494		I Job Number:						Global ID#											
FAX: (714) 894-7501	Sampler Name: (Print) Jon Aevuu				•		Site	Addre	ess <u>1725</u>	Park:	Street								
Ex∕onMobil	Sam	pler Signature:	0	New	~				City,	State	Zip Alame	eda, C	Californi	ia					
TAT	PROVIDE:	Special Instru	ictions:	_					Vlatrix				,	Analy	ze For	:			
24 hour 72 hour	EDF Report	* Include	TPHg, B7	ΓEX, and	MTBE						*								
48 hour 96 hour											0-1								
✓ 8 day											1+								
								Water	Soil	Vapor	TO-3M+TO-15								
Sample ID / Descrip	tion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	3	S	\$	Ĭ							-	-
A-EFF	218 12'5 X NONE					1-1L			Х	X			\perp		-				
, A-INT2			1230		х	NONE	1-1L			Х	Х								
A-INT1			1245		X	NONE	1-1L			х	х								
A-INF	•		13 60		х	NONE	1-1L			х	Х								
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Relinquished by: 1 V	NA Date	110	Time (U	$\frac{1}{\sqrt{D}}$	Received	by: ()		CE		1 Time	1420	l ah	oratory	Com	ment	s.			
7 000	um Date 2	1124 60	,e £Q	المالكي		by: Office by Calscience			-			Lab	Temp				ceiot:		
O	-r 0									2-1	13-10		Samp						
Relinquished by	CD Date 7	012-61	Time (130	Received	by Calscience	9	-C	A_	Time	0945	1	VOAs						





< WebShip >>>>>

800-322-5555 www.gso.com

Ship From: 513565555 Tracking #: ALAN KEMP SDS 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: ERI **Delivery Instructions:**

> Print Date: 02/12/10 14:39 PM Package 1 of 1

The state of the s	Electric distriction of the control	Edit Shipment	
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LABEL INSTRUCTIONS:

Signature Type: SIGNATURE REQUIRED

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
San Control of the Co	

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 fimited 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.



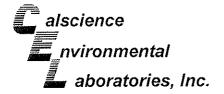
WORK ORDER #: 10-02- [2] 全日[

SAMPLE RECEIPT FORM

Box Cooler / of /

CLIENT: <u>ERI</u>	DATE: _	02//3	<u>3/10</u>
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C - 6.0 °C, not from	zen)		
Temperature°C + 0.5 °C (CF) =°C	☐ Blank	☐ Samp	ole
☐ Sample(s) outside temperature criteria (PM/APM contacted by:).			
☐ Sample(s) outside temperature criteria but received on ice/chilled on same	day of sampli	ng.	
☐ Received at ambient temperature, placed on ice for transport by C			JI
Ambient Temperature: ☑ Air ☐ Filter ☐ Metals Only ☐ PCBs		Initia	d:
CUSTODY SEALS INTACT:	+ C N1/A	Initia	YL
☐ Cooler ☐ ☐ No (Not Intact) ☐ Not Presen		Initia	- ,,
☐ Sample ☐ ☐ No (Not Intact) ☐ Not Presen	Ţ	II II LI C	XI:
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 labe			AT THE PARTY OF TH
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	Ø		
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			ם
Proper preservation noted on COC or sample container			4
☐ Unpreserved vials received for Volatiles analysis			_
Volatile analysis container(s) free of headspace	🗆		zí
Tedlar bag(s) free of condensation	2		
CONTAINER TYPE:			
Solid: □4ozCGJ □8ozCGJ □16ozCGJ □Sleeve () □EnCor	res [®] □Terra	Cores [®] □	
Water: □VOA □VOAh □VOAna2 □125AGB □125AGBh □125AGB	p □1AGB i	□1AGBna₂	. □1AGB s
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGE	Bs □1PB I	□500PB □	.500PB na
□250PB □250PBn □125PB □125PBznna □100PJ □100PJna ₂ □_			
Air: ☑Ťedlar [®] □Summa [®] Other: □ Trip Blank Lot#:	<u>, ,, ,</u>	Checked by	y: Y L
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag Preservative: h: HCL n: HNO3 na ₂ :Na ₂ S ₂ O ₃ Na: NaOH p: H ₃ PO ₄ s: H ₂ SO ₄ znna: ZnAc ₂ +NaOH	E: Envelope f: Field-filtered	Reviewed by Scanned by	y:

SOP T100_090 (07/16/09)



March 30, 2010

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



Subject: Calscience Work Order No.: 10-03-1648

Client Reference:

ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/20/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 & se Sain

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

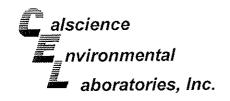
NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

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

FAX: (714) 894-7501





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

Date Received: Work Order No: Preparation: Method: 03/20/10 10-03-1648 N/A EPA TO-3M

Project: ExxonMobil 70104

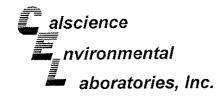
Page 1 of 1

Project: ExxonMobil /0104							1 0	ge i oi i
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF		10-03-1648-1-A	03/19/10 11:30	Air	GC 13	N/A	03/20/10 13:19	100320L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v)		
A-INT2		10-03-1648-2-A	03/19/10 11:45	Air	GC 13	N/A	03/20/10 14:07	100320L01
Parameter	Result	<u>RL</u>	<u>DE</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v))		
A-INT1		10-03-1648-3-A	03/19/10 12:00	Air	GC 13	N/A	03/20/10 14:18	100320L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v))		
A-INF		10-03-1648-4-A	03/19/10 12:15	Air	GC 13	N/A	03/20/10 14:30	100320L01
Parameter Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v))		
Method Blank		098-01-005-2,165	N/A	Air	GC 13	N/A	03/20/10 11:00	100320L01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	1.5	1		ppm (v/v))		

RL - Reporting Limit ,

DF - Dilution Factor

Qual - Qualifier





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

Date Received: Work Order No: Preparation: Method: 03/20/10 10-03-1648 N/A EPA TO-15M ppm (v/v)

FAX: (714) 894-7501

Project: ExxonMobil 7010					Units:					р	pm (v/v)
	4									Pag	ge 1 of 2
Client Sample Number				Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
A-EFF			10-0)3-1648-1-A	03/19/10 11:30	Air	GC/MS AA	N/A	03/21 02:		100320L01
Comment(s): -The method has been	modified to	use Tedla	r bag	s instead of S	Summa Canisters	S.					
Parameter	Result	RL	DF	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyi-t-Butyi i	Ether (MTE	BE)	0.041	0.0020	1	
Ethylbenzene	ND	0.00050	1							_	S1
Surrogates:	REC (%)	Control	(<u>Qual</u>	Surrogates:			REC (%)	Control Limits	<u>(,</u>	<u>Qual</u>
		<u>Limits</u>						101	47-137		
1,4-Bromofiuorobenzene	95	57-129			1,2-Dichloroeth	nane-d4		101	47-137		
Toluene-d8	97	78-156									
A-INT2			10-0	3-1648-2-A	03/19/10 11:45	Air	GC/MS AA	N/A	03/21 03:0		100320L01
<u>Parameter</u> Benzene Foluene	<u>Result</u> ND ND	0.00050 0.0050	<u>DF</u> 1 1	Qual	Parameter Xylenes (total) Methyl-t-Butyl I	Ether (MTE	8E)	Result ND 0.071	RL 0.0020 0.0050	<u>DF</u> 1 2.5	Qual
Ethylbenzene Surrogates:	ND <u>REC (%)</u>	0.00050 Control Limits	1 <u>C</u>	Qual	Surrogates:			REC (%)		Ω	<u>Qual</u>
	0.7								Limits		
	97 100	57-129 78-156			1,2-Dichloroeth	nane-d4		95	<u>Limits</u> 47-137		
	* -		10-0	3-1648-3-A	1,2-Dichloroeth 03/19/10 12:00	Air	GC/MS AA	95 N/A			100320L01
Foluene-d8 A-INT1	100	78-156			03/19/10 12:00	Air	GC/MS AA		47-137 03/21		100320L01
Foluene-d8 A-INT1 Comment(s): -The method has been	100	78-156 use Tedlar	r bag	s instead of S	03/19/10 12:00 Summa Canisters	Air	GC/MS AA	N/A	03/21 03:	51	100320L01
Foluene-d8 A-INT1 Comment(s): -The method has been Parameter	100 modified to	78-156 use Tedlar RL	bag <u>DF</u>		03/19/10 12:00 Summa Canisters Parameter	Air	GC/MS AA	N/A Result	03/21 03:4	<u>DE</u>	
Toluene-d8 A-INT1 Comment(s): -The method has been Parameter Benzene	modified to Result	78-156 use Tedlar RL 0.00050	r bag <u>DF</u> 1	s instead of S	03/19/10 12:00 Summa Canisters Parameter Xylenes (total)	Air 5.		N/A Result	03/21 03:5 RL 0.0020	51	
Toluene-d8 A-INT1 Comment(s): -The method has been Parameter Benzene Toluene	modified to Result 0.0016 ND	78-156 use Tedlar RL 0.00050 0.0050	bag DF 1	s instead of S	03/19/10 12:00 Summa Canisters Parameter	Air 5.		N/A Result	03/21 03:4	DE	
Toluene-d8 A-INT1 Comment(s): -The method has been Parameter Benzene Toluene Ethylbenzene	modified to Result 0.0016 ND ND	78-156 use Tedlar RL 0.00050 0.0050 0.0050	n bag <u>DF</u> 1 1	s instead of S Qual	03/19/10 12:00 Summa Canisters <u>Parameter</u> Xylenes (total) Methyl-t-Butyl I	Air 5.		N/A Result ND 0.081	03/21 03:8 RL 0.0020 0.0080	<u>DF</u> 1 4	
1,4-Bromofluorobenzene Toluene-d8 A-INT1 Comment(s): -The method has been Parameter Benzene Toluene Ethylbenzene Surrogates:	modified to Result 0.0016 ND	78-156 use Tedlar RL 0.00050 0.0050	n bag <u>DF</u> 1 1	s instead of S	03/19/10 12:00 Summa Canisters Parameter Xylenes (total)	Air 5.		N/A Result	03/21 03:8 RL 0.0020 0.0080	<u>DF</u> 1 4	Quat

RL - Reporting Limit

DF - Dilution Factor

Qual - Qualifiers





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

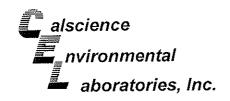
Date Received: Work Order No: Preparation: Method: Units:

03/20/10 10-03-1648 N/A EPA TO-15M ppm (v/v)

Project: ExxonMobil 7010)4									Pa	ge 2 of 2
Client Sample Number				ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Anal		QC Batch ID
A-INF			10-03-	1648-4-A	03/19/10 12:15	Air	GC/MS AA	N/A	03/2′ 04:		100320L01
Comment(s): -The method has bee	n modified to	use Tedla	r bags i	nstead of S	Summa Canister	s.					
Parameter	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			Result	RL	<u>DF</u>	Qual
Benzene	0.0011	0.00050	1		Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTI	3E)	0.0046	0.0020	1	
Ethylbenzene	0.00051	0.00050	1								
Surrogates:	REC (%)	Control Limits	Qua	<u>ai</u>	Surrogates:			REC (%)	Control Limits	<u>(</u>	<u>Qual</u>
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroeth	nane-d4		99	47-137		
Toluene-d8	98	78-156									
Method Blank			099-12	-983-544	N/A	Air	GC/MS AA	N/A	03/20 12:		100320L01
Parameter	Result	RL	DE	Qual	Parameter			Result	RL	DF	<u>Qual</u>
Benzene	ND	0.00050			Xylenes (total)			ND	0.0020	1	
Toluene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTI	3E)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	•		· · · · · · · · · · · · · · · · · · ·	•	•				
Surrogates:	REC (%)	Control Limits	Qua	<u>al</u>	Surrogates:			REC (%)	Control Limits	<u>(</u>	Qual
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroeth	nane-d4		112	47-137		
Toluene-d8	100	78-156			•						
Method Blank			099-12	-983-547	N/A	Air	GC/MS YY	N/A	03/22 12:		100322L01
Parameter	Result	RL	DF	Qual	Parameter			Result	RL	<u>DE</u>	Qual
Benzene	ND	0.00050			Xylenes (total)			ND	0.0020	1	
Benzene Toluene	ND	0.0050	1		Methyl-t-Butyl	Ether (MTE	3E)	ND	0.0020	1	
Toluene Ethylbenzene	ND	0.00050	•				•				
Surrogates:	REC (%)	Control Limits	Qua	<u>d</u>	Surrogates:			REC (%)	Control Limits	(<u>)ual</u>
1.4-Bromofluorobenzene	101	57-129			1,2-Dichloroeth	nane-d4		100	47-137		
Toluene-d8	99	78-156									

RL - Reporting Limit ,

DF - Dilution Factor





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

Date Received: Work Order No: Preparation: Method: 03/20/10 10-03-1648 N/A EPA TO-3M

Project: ExxonMobil 70104

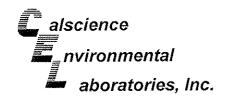
Page 1 of 1

Project: Exxonivionii /0104								
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	instrument	Date Prepared	Date/Time Analyzed	QC Batch IE
A-EFF		10-03-1648-1-A	03/19/10 11:30	Air	GC 13	N/A	03/20/10 13:19	100320L01
Parameter	Result	RL	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INT2		10-03-1648-2-A	03/19/10 11:45	Air	GC 13	N/A	03/20/10 14:07	100320L01
Parameter	Result	<u>RL</u>	<u>DE</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3			
A-INT1		10-03-1648-3-A	03/19/10 12:00	Air	GC 13	N/A	03/20/10 14:18	100320L01
Parameter	Result	<u> </u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3	i		
A-INF		10-03-1648-4-A	03/19/10 12:15	Air	GC 13	N/A	03/20/10 14:30	100320L01
Param <u>eter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3	1		
Method Blank		098-01-005-2,165	N/A	Air	GC 13	N/A	03/20/10 11:00	100320L01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	5.7	1		mg/m3	ı		

RL - Reporting Limit ,

DF - Dilution Factor

Qual - Qualifier:





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

Date Received: Work Order No: Preparation: Method: Units: 03/20/10 10-03-1648 N/A EPA TO-15M mg/m3

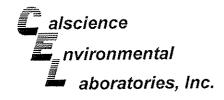
FAX: (714) 894-7501

					Units:						mg/m3
Project: ExxonMobil 70104	ļ									Pag	ge 1 of 2
Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/ Analy		QC Batch ID
A-EFF			10-03	-1648-1-A	03/19/10 11:30	Air	GC/MS AA	N/A	03/21 02:		100320L01
Comment(s): -The method has been r	nodified to	use Tedia	ar bags	instead of S	umma Canisters	,					
Parameter	Result	RL	DE	Qual	Parameter			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.0016	1		Xylenes (total)			ND	0.0087	1	
Toluene	ND	0.019	1		Methyl-t-Butyl f	Ether (MT	3E)	0.15	0.0072	1	
Ethylbenzene	ND	0.0022	1		, ,	,	-				
Surrogates:	REC (%)	Control Limits	<u>Q</u> L	<u>ıal</u>	Surrogates:			REC (%)	Control Limits	Ω	<u>}ual</u>
1.4-Bromofluorobenzene	95	57-129			1,2-Dichloroeth	ane-d4		101	47-137		
Toluene-d8	97	78-156			1,2 01011101000						
A-INT2		, 0 . 0 0	10-03	-1648-2-A	03/19/10 11:45	Air	GC/MS AA	N/A	03/21 03:0		100320L01
Benzene Toluene	ND ND	0.0016	1		Xylenes (total)			ND	0.0087	1	
Ethylbenzene Surrogates: 1,4-Bromofluorobenzene Toluene-d8	ND REC (%) 97 100	0.019 0.0022 Control Limits 57-129 78-156	1 1 <u>Qu</u>	ı <u>al</u>	Methyl-t-Butyl E Surrogates: 1,2-Dichloroeth	·	3 ∈)	0.26 REC (%) 95	0.018 Control Limits 47-137	2.5	<u>}ual</u>
Surrogates: 1,4-Bromofluorobenzene	ND REC (%) 97	0.0022 <u>Control</u> <u>Limits</u> 57-129	1 <u>Qu</u>	-1648-3-A	Methyl-t-Butyl E	·	GC/MS AA	0.26 REC (%)	0.018 Control Limits	2.5 <u>C</u>	<u>}}ual</u> 100320L01

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:

03/20/10 10-03-1648 N/A EPA TO-15M mg/m3

Project: ExxonMobil 701	04									Pag	ge 2 of 2
Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/1 Analy		QC Batch I
A-INF			10-03	-1648-4-A	03/19/10 12:15	Air	GC/MS AA	N/A	03/21 04:3		100320L01
		uaa Tadis	ar bage	inctend of S	tumma Canister	ς					
Comment(s): -The method has be		RL	DE.	Qual	Parameter	0.		Result	RL	DF	Qual
Parameter	Result			Quai	Xylenes (total)			ND	0.0087	1	
3enzene	0.0034	0.0016	1		Methyl-t-Butyl		RE)	0.017	0.0072	1	
Foluene	ND	0.019	1		Methyl-t-duty	Culci (ivi i	J.,	0.0	0.007.	•	
Ethylbenzene	0.0022	0.0022	1	ام	Surrogates:			REC (%)	Control	C	Qual
Surrogates:	<u>REC (%)</u>	Control Limits	<u>Qı</u>	<u>iai</u>	Surroyates.			1400 1727	Limits		·
	00				1.2-Dichloroeti	hana.d4		99	47-137		
1,4-Bromofluorobenzene	98	57-129			1,2-136/10/060	Halle-G-					
Toluene-d8	98	78-156							03/20	140	4000001.0
Method Blank			099-1	2-983-544	N/A	Air	GC/MS AA	N/A	12:		100320L0
Parameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	DF	<u>Qual</u>
Benzene	ND	0.0016	1		Xylenes (total)			DN	0.0087	1	
l'oluene	ND	0.019	1		Methyl-t-Butyl	Ether (MTI	BE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1								
Surrogates:	REC (%)	Control	Qu	ıal	Surrogates:			REC (%)	Control	Ω	<u>)ual</u>
Surroyales.	1355 5 7287	Limits							<u>Limits</u>		
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroet	hane-d4		112	47-137		
Toluene-d8	100	78-156									
Method Blank			099-1	2-983-547	N/A	Air	GC/MS YY	N/A	03/22		100322L0
Method Blank									12:		
2	Result	RL	DF	Qual	Parameter			Result	RL	<u>DF</u>	Qual
<u>Parameter</u>	resuit	IZE		<u> waai</u>	Xylenes (total)			ND	0.0087	1	
	110	0.0040							J. J. J. J. J.		
	ND	0.0016	1		, ,		BE)		0.0072	1	
Foluene	ND	0.019	1		Methyl-t-Butyl		BE)	ND	0.0072	1	
Foluene Ethylbenzene	DN DN	0.019 0.0022	1	rat.	Methyl-t-Butyl		BE)	ND	0.0072 Control		<u>Qual</u>
Benzene Foluene Ethylbenzene Surrogates:	ND	0.019 0.0022 Control	1	ı <u>al</u>	, ,		BE)				Qual
Foluene Ethylbenzene Surrogales:	ND ND REC (%)	0.019 0.0022 <u>Control</u> <u>Limits</u>	1	ı <u>al</u>	Methyl-t-Butyl	Ether (MT	BE)	ND	Control		Qual
Foluene Ethylbenzene	DN DN	0.019 0.0022 Control	1	<u>ıal</u>	Methyl-t-Butyl	Ether (MT	BE)	ND REC (%)	Control Limits		<u>Qual</u>

RL - Reporting Limit ,

DF - Dilution Factor ,



Quality Control - Duplicate



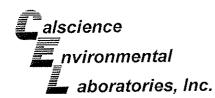
Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: 03/20/10 10-03-1648 N/A EPA TO-3M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-03-1651-1	Air	GC 13	N/A	03/20/10	100320D01
<u>Parameter</u>	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	6.8	6.5	3	0-20	

RPD - Relat



Quality Control - Duplicate

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

Date Received: Work Order No: Preparation: Method:

03/20/10 10-03-1648 N/A EPA TO-3M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Ouplicate Batch Number
10-03-1651-1	Air	GC 13	N/A	03/20/10	100320D01
<u>Parameter</u> TPH as Gasoline	<u>Sample Conc</u> 26	DUP Conc 25	<u>RPD</u> 3	<u>RPD CL</u> 0-20	Qualifiers





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

Date Received: Work Order No: Preparation: Method: N/A 10-03-1648 N/A EPA TO-15M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Da I Anal	ite yzed	LCS/LCSD Bate Number	ch
099-12-983-544	Air	GC/MS AA	N/A	03/20)/10	100320L01	
<u>Parameter</u>	LCS.	%REC LCSD	%REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	3 113	7	60-156	8	0-40	
Toluene	115	5 113	7	56-146	2	0-43	
Ethylbenzene	117	12	l	52-154	3	0-38	
p/m-Xylene	99	103	3	42-156	3	0-41	
o-Xylene	117	12:	I	52-148	3	0-38	

RPD - Relat





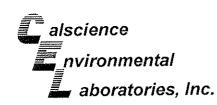
Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312

Date Received: Work Order No: Preparation: Method: N/A 10-03-1648 N/A EPA TO-15M

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instr	Date Instrument Prepare				LCS/LCSD Bate Number	h ,
099-12-983-547	Air	GC/N	AS YY	N/A	03/2	2/10	100322L01	
<u>Parameter</u>	LCS S	<u>6REC</u>	LCSD %	REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	73		74		60-156	2	0-40	
Toluene	79		82		56-146	4	0-43	
Ethylbenzene	82		85		52-154	4	0-38	
p/m-Xylene	72		75		42-156	3	0-41	
o-Xylene	84		87		52-148	3	0-38	

RPD - Rela



Glossary of Terms and Qualifiers



Work Order Number: 10-03-1648

VOIN CIGOIT	
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.
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.
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.
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.

CHAIN OF CUSTODY RECORD



Page	of	
	 •	***

Consultant Name: Environmental Resolutions, Inc. Address: 601 North McDowell Laboratorius, Inc. City/State/Sip: Pealum, CA 94955 746 UKOCH WAY Project Managur Paula Sine FRUCH Ways 4494 FRUCH WAYS ARREY Pricial FERL (Triu 984-494) FRACE (Triu) 984-791 EXONMObil TAT TAT TAT TAT TAT TAT TAT TAT TAT T	ĵ.																					
Account #: 10728	- alscience	•	Cor				ions, Inc.		. E	xxon	Mobil	Engi	neer <u>.</u>	Jennife	r Se	dlache	ek					
Account #: 1028 Account #:	nvironm	ental		Address:	601 North A	/IcDowell	·····			Tele	phon	e Nur	nber <u>s</u>	10-547	8196							
Telephone Number: 707-76-2000 TEL: (714) 884-544 TEL: (714) 884-544 TER: (714) 884-544 TEX Job Number: 2506-11X (monthly) Sampler Name: [Print] Sampler Name: [Print] Sampler Signature EXOMObil Sampler Signature Special instructions: 12-2 hour				City/State/Zip:	Petaluma, 0	CA 94954			•		Α	ccou	nt #: _	10228								
TAT PROVIDE: Special Instructions: Include TPHg, BTEX, and MTBE Aunto Sample ID / Description DATE TIME COMP GRAB PRESERY NUMBER Second	7440 LINCOLN W	'AY	Pı	roject Manager	Paula Sime				_			F	°O #: 4	150888	3534							
FEIL Job Number: 2506-11X (monthly) Global IDB FAX: (714) 894-7501 Sampler Name: (Print) EXOMObil Sampler Signature: City, State 2tp Alameda, California TAT PROVIDE: 48 hour 96 hour PROVIDE: 48 hour 96 hour DATE TIME COMP GRAD PRESERY NUMBER Sample ID J Description DATE TIME COMP GRAD PRESERY NUMBER ASSET SIGNATURE ALINT2 ALINT2 ALINT3 ALINT1 ALINF DATE TIME COMP GRAD PRESERY NUMBER X NONE 1-1L X X X NONE 1-1L X X X NONE 1-1L X X X ALINT1 ALINF DATE Received by: CEL Time UL DU Laboratory Comments: Temperature Upon Receipti: Temperature Upon Receipti:	GARDEN GROVE	, CA 92841						·			Fa	cility	ID#	7-0104				*****				\neg
TAT			EF	र। Job Number:	2506-11	X (mon	thly)						_									\neg
TAT	FAX: (714) 894-	7501	Sample	er Name: (Print)	10	Aer	vuu	رر	• -					1725 Pa	rk Str	eet						
24 hour 72 hour EDF Report *Include TPHg, BTEX, and MTBE Sample ID / Description DATE TIME COMP GRAB PRESERV NUMBER Solve So	Exoniv	Nobil	Sam	pler Signature:	Ja (Ser	<u> </u>		-				-	_								-
28 day Sample ID / Description DATE TIME COMP GRAB PRESERV NUMBER		· · · · · · · · · · · · · · · · · · ·	PROVIDE:	Special Instru	ctions:					Γ	Matrix	,		-		Αn	alvze	For:				4
48 hour 96 h	24 hour	72 hour	EDF Report	* include	TPHg, B	TEX, an	d MTBE								T	T	1	T				┨
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A-EFF 3/4/10 13t	S	ample ID / Descrip	otion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Vate	Soil	/apo		ုံ မြ								
2 A-INT2 3 A-INT1 1 1000 X NONE 1-1L X X	Ì			3/19/10										-	+	-			1	+	-	\dashv
A-INT A-INF A-	2_	A-INT2			1145	***************************************		1		-					+	-	 		\neg	\dashv	+	\dashv
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Temperature Upon Receipt:	Relinquished by:	J Berma	n Date 3	ullo	Time V_3	32	Received t)y: (CE	1	Time	147	DDLa	bora	tory Co	mme	ents:		······································		7
Palipaguished by 3/20/10 Sample Containers Intact?									C						Te	mpera	ture U	Jpon R	.eceipi	t:		
Polipopulished by Inc. 18 and 19 11	(77/7	,0	16 (5	_	- ~			, m			2	3/20	/10	Sa	mple (Contai	iners Ir	itact?			
Relinquished by: Date 3-11-10 Time (1) 3 Received by Calscience: Time q:30 VOAs Free of Headspace?	Relinquished by:	ONO 1	S Date S	<u> </u>	Time (130	Received t	y Calscience:	don t	1		Time	9:3	0								





〈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: ETIC, STANTEC, ERI

Signature Type: SIGNATURE REQUIRED Tracking #: 513787879

ORC

GARDEN GROVE

D92843A



80190694

Print Date: 03/19/10 16:42 PM

SDS

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 fink.

ADDITIONAL OPTIONS:

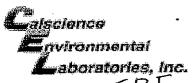
Send Label Via Email

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.

Loss = conf(t) constant (constant) + const



WORK ORDER #: 10-03- □ ⑤ □ 图

SAMPLE RECEIPT FORM

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

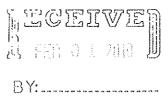
CLIENT: ERL DATI	E: <u>03/29</u>	<u>/10</u>
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C − 6.0 °C, not frozen) Temperature °C + 0.5 °C (CF) = °C □ Blank □ Sample(s) outside temperature criteria (PM/APM contacted by:). □ Sample(s) outside temperature criteria but received on ice/chilled on same day of sam □ Received at ambient temperature, placed on ice for transport by Courier. Ambient Temperature: □ Air □ Filter □ Metals Only □ PCBs Only	·	
CUSTODY SEALS INTACT: □ Box □ □ □ No (Not Intact) ☑ Not Present □ N// □ Sample □ □ No (Not Intact) ☑ Not Present	,	YL
SAMPLE CONDITION: Chain-Of-Custody (COC) document(s) received with samples.	No □ □	N/A
□ 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□ Correct containers and volume for analyses requested□		
Analyses received within holding time		м П
Tedlar bag(s) free of condensation		<u> </u>
Water: □VOA □VOAh □VOAna₂ □125AGB □125AGBh □125AGBp □1AGB □500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGBs □1PB □250PB □250PBn □125PB □125PBznna □100PJ □100PJna₂ □ Air: □Tedlar® □Summa® Other: □ Trip Blank Lot#:	□1AGBna₂ □ □500PB □50 □ □ □ Checked by:	1AGBs 0PBna
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope		XX/

SOP T100_090 (07/16/09)



January 29, 2010

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



Subject:

Calscience Work Order No.: 10-01-1289

Client Reference:

ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/19/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 & se Sais

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

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



W-INF		10-01-1289-4-C	01/15/10 10:15	Aqueous	GC 5	01/22/10	01/23/10 19:36	100122B02
,4-Bromofluorobenzene	93	38-134						
urrogates:	REC (%)	Control Limits		<u>Quai</u>				
PH as Gasoline	ND	50	1		ug/L			
arameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
W-INT1		10-01-1289-3-C	01/15/10 10:00	Aqueous	GC 5	01/22/10	01/23/10 19:03	100122B02
,4-Bromoftuorobenzene	90	38-134						
Surrogates:	REC (%)	Control Limits		Qual				
PH as Gasoline	ND	50	1		ug/L			
<u>'arameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
W-INT2		10-01-1289-2-C	01/15/10 09:45	Aqueous	GC 5	01/22/10	01/23/10 18:31	100122B02
4-Bromofluorobenzenc	91	38-134						
surrogates:	REC (%)	Control Limits		Qual				
PH as Gasoline	ND	50	1		ug/L			
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
W-PSP-1		10-01-1289-1-D	01/15/10 09:30	Aqueous	GC 5	01/25/10	01/25/10 15:38	100125B01
Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch II
Project: ExxonMobil 70104							Pa	ige 1 of 2
			Method:				EPA 8	015B (M
Petaluma, CA 94954-2312			Preparat	ion:				PA 5030E
Environmental Resolutions, Inc. 801 North McDowell Blvd.			Date Red Work On				10	-01-1289

1,4-Bromofluorobenzene

TPH as Gasoline

<u>Parameter</u>

Surrogates:

DF - Dilution Factor ,

Result

300

REC (%)

Qual - Qualifiers

of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

<u>RL</u>

Control Limits

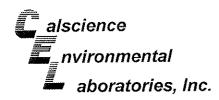
38-134

Qual

1

<u>Units</u>

ug/L



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

Date Received: Work Order No: Preparation: Method: 01/19/10 10-01-1289 EPA 5030B EPA 8015B (M)

Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch IC
Method Blank		099-12-436-4,266	N/A	Aqueous	GC 5	01/22/10	01/23/10 07:42	100122B02
Parameter Parameter	Result	RL	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L.			
Surrogates:	<u>REC (%)</u>	Control Limits -		Qual				
1,4-Bromoffuorobenzene	92	38-134						
Method Blank		099-12-436-4,272	N/A	Aqueous	GC 5	01/25/10	01/25/10 14:00	100125B01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	4***		ug/L			
Surrogates:	<u>REC (%)</u>	Control Limits		Qual				
1,4-Bromofluorobenzene	91	38-134						



Environmental Resoluti	ons, Inc.				Date Re	ceived:					01/19/10
601 North McDowell Blv					Work Or	der No:				10-	-01-1289
Petaluma, CA 94954-23					Preparat	ion:				EP	A 5030B
Tetaluma, O/(34304 20	- 12				Method:	·· + · · ·				ΕĐ	A 8021B
					Units:					L1	ug/L
					Omis.					_	•
Project: ExxonMobil 70	1104									Pa	ge 1 of 2
			ι	ab Sample	Date/Time	Matrix	Instrument	Date Prepared		te/Time nalyzed	QC Batch ID
Client Sample Number				Number	Collected					/20/10	100119B02
W-PSP-1			10-01	-1289-1-D	01/15/10 09:30	Aqueous	GC 8	01/19/10		0:22	100119802
Porameter	Result	RL	DE	Qual	Parameter			Result	RL	DF	Qual
<u>Parameter</u>	ND	0.50	1	GGGG	Xylenes (total	,		ND	1.0	1	
Benzene Toluene	ND DN	0.50	1		Methyl-t-Butyl	•	E)	ND	5.0	1	
Ethylbenzene	ND	0.50	1			(,				
Surrogates:	REC (%).	Control	Qt	ıal							
ourrogacea.		Limits									
1,4-Bromofluorobenzene	104	70-130									
W-INT2			10-01	-1289-2-D	01/15/10 09:45	Aqueous	GC 8	01/19/10		/20/10 0:52	100119B02
O	Result	RL	DE	Qual	Parameter			Result	RL	DE	Qual
<u>Parameter</u>	***************************************		_	<u> Graai</u>	Xylenes (total	١		ND	1.0	1	,
Benzene	ND ND	0.50 0.50	1 1		Methyl-t-Butyl	•	E)	ND	5.0	1	
Toluene Ethylbenzene	ND	0.50	1		widayi c Say.	20101 (1111 -	_,				
Surrogates:	REC (%)	Control	Qı	ıal							
Surrogates.	1,20,170,	Limits		····							
1,4-Bromofluorobenzene	99	70~130						·····			
W-INT1			10-01	-1289-3-D	01/15/10 10:00	Aqueous	GC 8	01/19/10		/20/10 11:22	100119B02
D	Court	DI	DF	Qual	Parameter			Result	RL	DE	Qual
<u>Parameter</u>	Result	<u>RL</u>		Gon	Xylenes (total)	١		ND	1.0	1	
Benzene Toluene	ND ND	0.50 0.50	1 1		Methyl-t-Butyl		E)	ND	5.0	1	
Toluerie Ethylbenzene	ND	0.50	1				-,	-		-	
Surrogates:	REC (%)	Control	, Qt	ıal							
Quitogates.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Limits									
1,4-Bromofluorobenzene	103	70-130									
W-INF			10-01	-1289-4-D	01/15/10 10:15	Aqueous	GC 8	01/19/10		/20/10 1:52	100119B02
Parameter	Result	RL	DE	Qual	Parameter			Result	RL	DF	Qual
****	ND	0.50	1		Xylenes (total))		ND	1.0	1	
Benzene	ND	0.50	1		Mathyl-t-Ristyl		E)	450	5.0	1	

RL - Reporting Limit

DF - Dilution Factor ,

0.50

Control

<u>Limits</u>

70-130

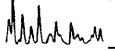
Qual

ND

ND

100

Qual - Qualifiers



Toluene

Ethylbenzene

1,4-Bromofluorobenzene

Surrogates:

Methyl-t-Butyl Ether (MTBE)

5.0



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received: Work Order No:

01/19/10 10-01-1289

Petaluma, CA 94954-2312

Preparation: Method:

EPA 5030B EPA 8021B

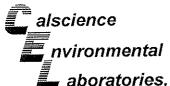
Units:

ug/L

Project: ExxonMobil 70104

Page 2 of 2

Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		e/Time alyzed	QC Batch ID
Method Blank			099-12	2-667-703	N/A	Aqueous	GC 8	01/19/10		/19/10 6:50	100119802
Parameter Benzene Toluene Ethylbenzene	Result ND ND ND	RL 0.50 0.50 0.50	<u>DF</u> 1 1	Qual	Parameter Xylenes (fotal) Methyl-t-Butyl	•	3E)	Result ND ND	<u>RL</u> 1.0 5.0	<u>DF</u> 1 1	Qual
Surrogates: 1,4-Bromofluorobenzene	REC (%) 103	Control Limits 70-130	<u>Q</u> и	<u>ai</u>							



Quality Control - Spike/Spike Duplicate

aboratories, Inc.

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

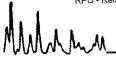
Date Received: Work Order No: Preparation: Method:

01/19/10 10-01-1289 EPA 5030B EPA 8015B (M)

Project ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-01-1381-1	Aqueous	GC 5	01/22/10		01/23/10	100122802
Parameter	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
TPH as Gasoline	89	87	68-122	2	0-18	

CL - Control Limit RPD - Relative Percent Difference ,





Quality Control - Spike/Spike Duplicate

aboratories, Inc.

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

Date Received: Work Order No: Preparation: Method:

01/19/10 10-01-1289 **EPA 5030B** EPA 8015B (M)

Project ExxonMobil 70104

TPH as Gasoline

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number	
W-PSP-1	Aqueous	GC 5	01/25/10		01/25/10	100125801	
<u>Parameler</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers	
TPH as Gasoline	84	83	68-122	1	0-18		



Quality Control - Spike/Spike Duplicate

aboratories, Inc.

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

Date Received: Work Order No: Preparation: Method:

01/19/10 10-01-1289 EPA 5030B EPA 8021B

Project ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-01-1285-1	Aqueou	s GC 8	01/19/10		01/19/10	100119S01
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	<u>RPD CL</u>	Qualifiers
Benzene	99	101	57-129	3	0-23	
Toluene	50	51	50-134	2	0-26	
Ethylbenzene	91	93	58-130	2	0-26	
o/m-Xylene	87	88	58-130	1	0-28	
o-Xylene	85	86	57-123	1	0-26	
o-xylerie Methyl-t-Butyl Ether (MTBE)	113	113	44-134	1	0-27	

RPD - Relative Percent Difference ,



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

Date Received: Work Order No: Preparation: Method: N/A 10-01-1289 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
	Aqueous	GC 5	01/22/10	01/23/10	100122B02
099-12-436-4,266	Adacoas				

 Parameter
 LCS %REC
 LCSD %REC
 %REC CL
 RPD
 RPD CL
 Qualifiers

 TPH as Gasoline
 88
 89
 78-120
 0
 0-10

RPD - Relat

RPD - Relative Percent Difference , CL - Control Limit



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

Date Received: Work Order No: Preparation:

Method:

N/A 10-01-1289 **EPA 5030B** EPA 8015B (M)

<u>RPD</u>

%REC CL

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number	
099-12-436-4,272	Aqueous	GC 5	01/25/10	01/25/10	100125B01	
	1 CS %	REC LOSD	° %REC %F	RECICL RI	PD RPD CL	Qualifiers

LCSD %REC

Parameter 0-10 0 78-120 89 TPH as Gasoline

LCS %REC



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

Date Received: Work Order No: Preparation: Method:

N/A 10-01-1289 EPA 5030B EPA 8021B

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrumen	Date ent Prepared		Date Analyzed	LCS/LCSD Bate Number	:h
099-12-667-703	Aqueous	GC 8	01/19)/10	01/19/10	100119B02	
Parameter	LCS %	REC LC	SD %REC	%REC C	L RPD	RPD CL	Qualifiers
	102		100	70-118	2	0-9	
Benzene Toluene	95		98	66-114	3	0-9	
, 	95		98	72-114	3	0-9	
Ethylbenzene	92		95	74-116	3	0-9	
p/m-Xylene	88		91	72-114	3	0-9	
o-Xylene Methyl-t-Butyl Ether (MTBE)	109		109	41-137	1	0-13	



Glossary of Terms and Qualifiers

Work Order Number: 10-01-1289

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 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 with no further corrective action required.
Α	Result is the average of all dilutions, as defined by the method.
В	Analyte was present in the associated method blank.
С	Analyte presence was not confirmed on primary column.
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.
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.
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.

Page	of	
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Alscience Environmental Aboratories, Inc. 440 LINCOLN WAY ARDEN GROVE, CA 92841 EL: (714) 895-5494 FAX: (714) 894-7501	Pr Telep ER Sample	City/State/Zip: oject Manager	Paula Sime 707-766-200	A 94954			(1280	1		coun	t #: _1									
440 LINCOLN WAY ARDEN GROVE, CA 92841 EL: (714) 895-5494 FAX: (714) 894-7501	Pr Telep ER Sample	oject Manager hone Number: I Job Number:	Paula Sime 707-766-200				200		Ac		_									
ARDEN GROVE, CA 92841 EL: (714) 895-5494 FAX: (714) 894-7501	Telep ER Sample	hone Number: I Job Number:	707-766-200	00			~~	1												
EL: (714) 895-5494 FAX: (714) 894-7501	ER Sample	l Job Number:		00			1128	١/		PC) #: <u> </u>	5088	83534	4						1
FAX: (714) 894-7501	Sample	•	2506 113	Felephone Number: 707-766-2000					Fac	cility l	D# _	7-010	14							
	-	r Name: (Brint)	2000 117	K (Janua	ary)				G	lobai	ID#_							<u> </u>		
Evantiabil	Sami	· Hamer (Link)	Van	Her	mar	~			Site	Addr	ess_	1725 F	Park S	Street				:		
E≪onMobil	- Can	oler Signature:			<u></u>				City,	State	Zip /	Alame	da, C	alifor	nia					
'AT	PROVIDE:	Special Instru	ctions:					Ν	/latrix						Anal	yze Fo	or:	_		
	ÉDF Report																	\Box	T	T
48 hour 96 hour							ì				5B	<u>m</u>								ļ
☑ 8 day									1		8015B	802	8020							
<u>√1</u> 0 Udy				<u> </u>				ie.	=	ō	TPHg	BTEX 8021B	MTBE							
Sample ID / Descripti	ion	DATE	TIME	COMP	GRA8	PRESERV	NUMBER	Water	Soil	Vapor	븨		<u> </u>							
W-PSP-1		1/15/10	930		X	HCI	4 voa	Х			Х	Х	X							
W-INT 2		Til	945		Х	HCI	4 voa	Х			Х	х	х							
			 		<u> </u>								X			_		1	+	+
W-INT 1			110		X	HCI	4 voa	Х			X	X	1		-	\dashv	\perp	_	+-	+
W-INF			1015		X	HCI	4 voa	X			X	X	X		_			\dashv	4	
]				!					. 1				
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				-	1				 								\neg	+	+	+
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Relinquished by: J W Relinquished by Relinquished by	Date (18/10	Time (Received Received	by: 16-0	mall !!	2 /	118	Time //6	119/1	45	Labo	Tem Sam VOA	peratu ple Ca s Fre	mmen ure Up ontain e of H	nts: oon Re ers Int eadsp	tact?		•

Page 13 of 15





<WebShip>>>>>

800-322-5555 www.gso.com

513036715 Ship From: Tracking #: **NPS** ARA AGHAJIAN CAL SCIENCE 520 MASON WAY SAN LUIS OBISPO, CA 93401 Ship To: SAMPLE CONTROL CALSCIENCE GARDEN GROVE 7440 LINCOLN WAY GARDEN GROVE, CA 92841 D92843A COD: \$0.00 Weight: Reference: ARA **Delivery Instructions:** Print Date: 11/17/09 08:41 AM

1 of 10

Send Label To Printer

Print All

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.

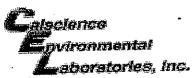
STEP 2 - Fold this page in half.

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

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.

Cooler <u></u> of <u></u>



WORK ORDER #: 10-01- 1 2 8 9

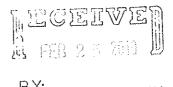
SAMPLE RECEIPT FORM

CLIENT: ERF	DATE:	01/10	1/10
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C - 6.0 °C, not froz Temperature 3 · 1 °C + 0.5 °C (CF) = 3 · 6 °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 CAMBIENT TEMPERATURE: Air Filter Metals Only PCBs	Blank day of sample	•	ole al: <u></u>
CUSTODY SEALS INTACT: Cooler			al: <u>4 </u>
SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	Ø		
COC document(s) received complete	ø		
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labe			
,			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. Sampler's name indicated on COC	Ø		
Sample container label(s) consistent with COC			
Sample container(s) intact and good condition			
Correct containers and volume for analyses requested			
Analyses received within holding time			
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			Ø
CONTAINER TYPE:	Ππα τι αΩακ	~~® ∏	
Solid: 40zCGJ 80zCGJ 160zCGJ Sleeve EnCores®	LITERIACON	55 ⊔ <u></u> □4∧ ⊘ ₽na	
Water: □VOA ØVOAh □VOAna₂ □125AGB □125AGBh □125AGB			
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGE			_
□250PB □250PBn □125PB □125PBznna □100PJ □100PJna ₂ □_	U	l	1
□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	- r	Checked by	y: 115c
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag Preservative: h: HCL n: HNO3 na ₂ :Na ₂ S ₂ O ₃ Na: NaOH p: H ₃ PO ₄ s: H ₂ SO ₄ znna: ZnAc ₂ +NaOH	E: Envelope	Scanned b	y: WSC



February 24, 2010

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



Subject:

Calscience Work Order No.: 10-02-1264

Client Reference:

ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/13/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 Soia

Calscience Environmental Laboratories, Inc. Cecile deGuia **Project Manager**

CA-ELAP ID: 1230

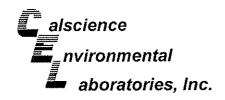
NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

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

FAX: (714) 894-7501



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received: Work Order No: 02/13/10

Petaluma, CA 94954-2312

Preparation:

10-02-1264 **EPA 5030B**

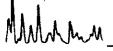
Method:

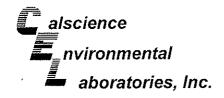
EPA 8015B (M)

Project: ExxonMobil 70104							Pa	ge 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		10-02-1264-1-D	02/12/10 12:15	Aqueous	GC 18	02/17/10	02/17/10 21:22	100217B01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	77	38-134						
W-INT2		10-02-1264-2-D	02/12/10 12:30	Aqueous	GC 18	02/17/10	02/17/10 21:57	100217B01
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	76	38-134						
W-INT1		10-02-1264-3-D	02/12/10 12:45	Aqueous	GC 18	02/17/10	02/17/10 22:33	100217B01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	75	38-134						
W-INF		10-02-1264-4-D	02/12/10 13:00	Aqueous	GC 18	02/17/10	02/17/10 23:09	100217B01
Parameter	<u>Result</u>	<u> RL</u>	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	76	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:

02/13/10 10-02-1264 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104

Page 2 of 2

Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank		099-12-436-4,398	N/A	Aqueous	GC 18	02/17/10	02/17/10 19:34	100217B01
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	75	38-134						



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

Date Received: Work Order No: Preparation: Method:

Units:

02/13/10 10-02-1264 EPA 5030B EPA 8021B ug/L

Project: ExxonMobil 70104

Page 1 of 2

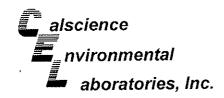
Project: ExxonMobil 7	0104									1 4	90 101
Client Sample Number		···········	L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		e/Time alyzed	QC Batch II
W-PSP-1			10-02	-1264-1-C	02/12/10 12:15	Aqueous	GC 8	02/23/10		23/10 3:26	100223B02
⊃arameter	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			Result	<u>RL</u>	DF	Qual
Benzene	ND	0.50	1		Xylenes (total	i)		ND	1.0	1	
Foluene	ND	0.50	1		Methyl-t-Buty	I Ether (MT8	SE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1								
Surrogates:	REC (%)	Control Limits	Qu	ıal							
,4-Bromofluorobenzene	114	70-130									
W-INT2			10-02	-1264-2-C	02/12/10 12:30	Aqueous	GC 8	02/23/10		23/10 9:57	100223B02
								Docuit	RL.	DF	Qual
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>			Result			<u> </u>
Benzene	ND	0.50	1		Xylenes (tota			ND	1.0	1 1	
foluene	ND	0.50	1		Methyl-t-Buty	Ether (MIE	3E)	ND	5.0	į	
Ethylbenzene	ND	0.50	1								
Surrogates:	<u>REC (%)</u>	Control Limits	Qu	<u>ial</u>							
1,4-Bromofluorobenzene	106	70-130								100110	
W-INT1			10-02	-1264-3-C	02/12/10 12:45	Aqueous	GC 8	02/23/10		/23/10 0:27	100223B02
	Decult	D)	DF	Qual	Parameter			Result	RL	DF	Qual
Parameter Parameter	Result	<u>RL</u>		Qua		IN.		ND	1.0	1	
3enzene	ND	0.50	1		Xylenes (tota Methyl-t-Buty		RE)	ND	5.0	1	
Toluene	ND	0.50	1		Wellin-(-Duty	TERROR (INC.)	J/	7112	0.0	•	
Ethylbenzene	ND	0.50	1 Qu	. of							
Surrogates:	REC (%)	Control Limits	<u> </u>	<u>Idi</u>							
1,4-Bromofluorobenzene	108	70-130							00	/23/10	40000000
W-INF			10-02	-1264-4-C	02/12/10 13:00	Aqueous	GC 8	02/23/10		0:57	100223B02
~	Posul ⁶	RL	DF	Qual	Parameter			Result	RL	DF	Qual
<u>Parameter</u>	Result			<u> </u>	Xylenes (tota	IV.		ND	1.0	1	
Benzene	ND	0.50	1		Methyl-t-Buty		RE)	110	5.0	1	
Toluene	ND ND	0.50	1 1		wettyr-t-Duty	a muior (mit	ar ton j		3.0	•	
Ethylbenzene	ND	0.50		ıo!							
Surrogates:	<u>REC (%)</u>	Control Limits	<u>Qı</u>	<u>1a:</u>							
1,4-Bromofluorobenzene	109	70-130									

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: 02/13/10 10-02-1264 EPA 5030B EPA 8021B ug/L

Project: ExxonMobil 70104

Page 2 of 2

Client Sample Number				b Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	
Method Blank				-667-736	N/A	Aqueous	GC 8	02/23/10	02/23/10 17:56	100223B02
Parameter Benzene Toluene Ethylbenzene Surrogates:	Result ND ND ND ND REC (%)	RL 0.50 0.50 0.50 Control Limits	<u>DF</u> 1 1 1 Qua	Qual al	<u>Parameter</u> Xylenes (total Methyl-t-Buty		3E)	Result ND ND	RL <u>DF</u> 1.0 1 5.0 1	Qual
1,4-Bromofluorobenzene	107	70-130								

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: 02/13/10 10-02-1264 EPA 5030B EPA 8015B (M)

Project ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 18	02/17/10		02/17/10	100217801
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	95	68-122	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit



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

Date Received: Work Order No: Preparation: Method: 02/13/10 10-02-1264 EPA 5030B EPA 8021B

Project ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 8	02/23/10		02/23/10	100223802
Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	106	57-129	3	0-23	
Toluene	108	104	50-134	4	0-26	
Ethylbenzene	100	101	58-130	1	0-26	
p/m-Xylene	100	102	58-130	2	0-28	
o-Xylene	97	98	57-123	1	0-26	
Methyl-t-Butyl Ether (MTBE)	109	113	44-134	4	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Muha





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

Date Received: Work Order No: Preparation: Method: N/A 10-02-1264 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepare	d A	Date nalyzed	LCS/LCSD Bate Number	ch
099-12-436-4,398	Aqueous	GC 18	02/17/1	0 02	2/17/10	100217B01	
Parameter	LCS %		%REC	%REC CL	RPD	<u>RPD CL</u> 0-10	Qualifiers
TPH as Gasoline	98	98		78-120	0	U-10	

Wham_

RPD - Relative Percent Difference , CL - Control Limit





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

Date Received: Work Order No: Preparation: Method: N/A 10-02-1264 EPA 5030B EPA 8021B

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrum	nent F	Date repared		ate yzed	LCS/LCSD Bato Number	h
099-12-667-736	Aqueous	GC (8 0	2/23/10	02/2	3/10	100223B02	
Parameter	LCS %	<u>REC</u>	LCSD %REG	<u> </u>	REC CL	RPD	RPD CL	Qualifiers
Benzene	96		99		70-118	3	0-9	
Toluene	104		105		66-114	1	0-9	
Ethylbenzene	96		97		72-114	1	0-9	
p/m-Xylene	97		99		74-116	1	0-9	
o-Xylene	93		95		72-114	2	0-9	
Methyl-t-Butyl Ether (MTBE)	94		106		41-137	12	0-13	

MAMA

RPD - Relative Percent Difference , CL - Control Limit



Glossary of Terms and Qualifiers



Work Order Number: 10-02-1264

vork Order N	umper. 10-02-1204
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.
Α	Result is the average of all dilutions, as defined by the method.
В	Analyte was present in the associated method blank.
С	Analyte presence was not confirmed on primary column.
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.
· 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.
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.



	Cor		ExxonMobil Engineer Jennifer Sedlachek																	
Calacione	301	sultant Name: Address:	610 North M		-1		Telephone Number 510-547-8196													
Environmental aboratories, Inc.		City/State/Zip:						Account #: 10228												
7440 LINCOLN WAY	Pı	oity/Otate/2:p.					PO #: 4508883534													
GARDEN GROVE, CA 92841		hone Number:		10			Facility ID # 7-0104													
TEL: (714) 895-5494	-	l Job Number:			iary)					loba	-									
FAX: (714) 894-7501									Site	Add	ress	1725	Park	Stree	t					
PAA. (114) 034-1501	Sam	nier Signature	N. IA	n n	~~						•									
Ex∕onMobil	Jani	p.5: 5:3::a.a.e.	me: (Print) 1 On Mer ville Signature: City, State Zip Alameda, Calif																	
TAT	PROVIDE:	Special Instru	ctions:						Matrix	(Ana	lyze F	ог.			
24 hour 72 hour	EDF Report																			
☐ 48 hour ☐ 96 hour	LD: Neport										8015B	8	႙							
												8021B	8020							
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Sample ID / Descri	ption	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vарог	上	<u>B</u>	Σ							$-\!\!\!+$
W-PSP-1		2/12	125		Х	HCI	4 voa	X	<u> </u>		X	Х	Х							
W-INT 2		2/12	1830		Х	HCI	4 voa	X			X	Х	X							
3 W-INT 1		zIn	1245		Х	HCI	4 voa	X			×	X	X							_
H W-INF		2/12	1300		Х	нсі	4 voa	X		<u> </u>	X	X	X			/				
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Relinquished by:	USD Date)	-12-10	Time \	130	Received	by Calscience	= Yu	\triangleleft	2	Tim	ne U	سالها	<u> </u>	VO	AS FI	ee of	nead	space	·	

SDS





<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, BTS

Delivery Instructions:

Signature Type: SIGNATURE REQUIRED Tracking #: 513566095

ORC

GARDEN GROVE

D92843A



79303928

Print Date: 02/12/10 15:08 PM

Package 1 of 1



WORK ORDER #: 10-02- 11 2 6 日

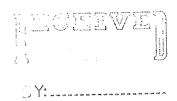
Cooler of _____ of ____

CLIENT: EP-1	DATE: _	02/13	,/10
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not from the second secon	Blank e day of sampli	□ Samp ng.	ole
☐ Received at ambient temperature, placed on ice for transport by Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCB		Initia	al: <u>DUD</u>
CUSTODY SEALS INTACT: □ Cooler □ □ □ No (Not Intact) □ Not Prese			al: <u>DUD</u>
SAMPLE CONDITION: Chain-Of-Custody (COC) document(s) received with samples COC document(s) received complete	Yes Ø	No □ □	N/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	els. d d d		
Analyses received within holding time Proper preservation noted on COC or sample container	9		
Volatile analysis container(s) free of headspace Tedlar bag(s) free of condensation	<u>6</u> o		<u> </u>
CONTAINER TYPE: Solid: \[\text{40zCG} \] \[\text{80zCGJ} \] \[\text{160zCGJ} \] \[\text{Sleeve} \((\cdots \) \] \[\text{Encode} \] Water: \[\text{VOA} \] \[\text{VOAh} \] \[\text{VOAna}_2 \] \[\text{125AGB} \] \[\text{125AGB} \] \[\text{125AGBh} \] \[\text{125AGB} \] \[\text{500AGB} \] \[\text{500AGJ} \] \[\text{500AGJs} \] \[\text{250AGB} \] \[\text{250CGB} \] \[\text{250CGB} \] \[\text{250PBn} \] \[\text{250PBn} \] \[\text{125PBznna} \] \[\text{100PJ na}_2 \] \[\text{Air:} \] \[\text{Trip Blank Lot#:} \]	ores [®] □Terra Bp □1AGB 6Bs □1PB	□1AGBna □500PB □ □	2 LIAGBS 3500PBna
Air: Tedlar Summa Other: I Inp Blank Loth. Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag Preservative: h: HCL n: HNO3 na ₂ :Na ₂ S ₂ O ₃ Na: NaOH p: H ₃ PO ₄ s: H ₂ SO ₄ znna: ZnAc ₂ +Nat	E: Envelope	Reviewed t	y: <u>1/2</u>



March 31, 2010

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



Subject: Calscience Work Order No.: 10-03-1663

Client Reference:

ExxonMobil 70104

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/20/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. 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 & se Sain

Calscience Environmental Laboratories, Inc. Cecile deGuia Project Manager

CA-ELAP ID: 1230

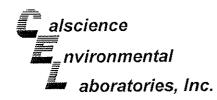
NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

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

FAX: (714) 894-7501



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

Date Received: Work Order No: Preparation:

Method:

03/20/10 10-03-1663 EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104							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		10-03-1663-1-C	03/19/10 12:30	Aqueous	GC 18	03/22/10	03/23/10 06:43	100322B02
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	73	38-134						
W-INT2		10-03-1663-2-C	03/19/10 12:45	Aqueous	GC 18	03/22/10	03/23/10 07:19	100322802
Parameter	Result	RL	DF	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	74	38-134						
W-INT1		10-03-1663-3-C	03/19/10 13:00	Aqueous	GC 18	03/22/10	03/23/10 07:55	100322B02
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	73	38-134						
W-INF		10-03-1663-4-C	03/19/10 13:15	Aqueous	GC 18	03/22/10	03/23/10 08:31	100322B02
Parameter	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	1100	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		Qual				
1,4-Bromofluorobenzene	76	38-134						

Qual - Qualifiers



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received: Work Order No:

03/20/10 10-03-1663

Petaluma, CA 94954-2312

Work Order N Preparation: Method:

EPA 5030B EPA 8015B (M)

Project: ExxonMobil 70104

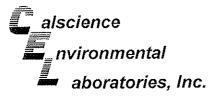
Page 2 of 2

Client Sample Number		Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank		099-12-436-4,545	N/A	Aqueous	GC 18	03/22/10	03/23/10 01:17	100322B02
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	Qual	<u>Units</u>			
TPH as Gasoline	ND	50	1		ug/L			
Surrogates:	REC (%)	Control Limits		<u>Qual</u>				
1,4-Bromofluorobenzene	74	38-134						

RL - Reporting Limit ,

DF - Dilution Factor ,

Qual - Qualifier



Environmental Resolutions, Inc.	Date Received:	03/20/10
601 North McDowell Blvd.	Work Order No:	10-03-1663
Petaluma, CA 94954-2312	Preparation:	EPA 5030B
, , , , , , , , , , , , , , , , , , , ,	Method:	EPA 8021B
	Units:	ug/L

Page 1 of 2

Project: ExxonMobil 70	104									Pag	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			10-03-	1663-1-D	03/19/10 12:30	Aqueous	GC 8	03/19/10		20/10 7:26	100319B02
Parameter	Result	RL	DE	Qual	<u>Parameter</u>			Result	<u>RL</u>	<u>DF</u>	Qual
Benzene	ND	0.50	1		Xylenes (total)		ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Buty	Ether (MTB	E)	ND	5.0	1	
Ethylbenzene	ND	0.50	1								
Surrogates:	<u>REC (%)</u>	Control Limits	<u>Qu</u>	<u>al</u>							
1,4-3romofluorobenzene	104	70-130							021	20/10	400240002
W-INT2			10-03-	1663-2-D	03/19/10 12:45	Aqueous	GC 8	03/19/10		7:56	100319B02
Parameter Parameter	Result	RL	DF	Qual	Parameter			Result	<u>RL</u>	<u>DF</u>	Qual
	ND	0.50	1		Xylenes (total)		ND	1.0	1	
Benzene Toluene	ND	0.50	i		Methyl-t-Buty		E)	ND	5.0	1	
Ethylbenzene	ND	0.50	1		,	,	•				
Surrogates:	REC (%)	Control	Qu	al							
<u>ourrogates.</u>		Limits									
1,4-Bromofluorobenzene	105	70-130							201	00440	
W-INT1			10-03-	1663-3-D	03/19/10 13:00	Aqueous	GC 8	03/19/10		20/10 3:26	100319B02
Parameter Parameter	Result	RL	DF	Qual	Parameter			Result	<u>RL</u>	<u>DF</u>	Qual
	ND	0.50	1		Xylenes (total	١		ND	1.0	1	
Benzene Toluene	ND	0.50	1		Methyl-t-Buty	•	Ξ)	ND	5.0	1	
Ethylbenzene	ND	0.50	i			,					
Surrogates:	REC (%)	Control Limits	Qu	<u>al</u>							
1,4-Bromofluorobenzene	101	70-130									
W-INF			10-03-	1663-4-C	03/19/10 13:15	Aqueous	GC 8	03/25/10		25/10 5:20	100325B01
Securator	Result	RL	DE	Qual	Parameter			Result	RL	<u>DF</u>	Qual
<u>Parameter</u>				<u>त्यच्या</u>	Xylenes (total	1		ND	10	10	
Benzene Talvana	8.5 ND	5.0 5.0	10 10		Methyl-t-Butyl		Ē)	1700	50	10	
Toluene	ND ND	5.0 5.0	10		widthyr-t-buty	-4101 /WIT DI	-,		J.		
Ethylbenzene	REC (%)	Control	Qu	al							
Surrogates:	INLO (78)	Limits	38,00	::11 ::11							
1,4-Bromofluorobenzene	102	70-130									

RL - Reporting Limit , DF - Dilution Factor ,

Page 2 of 2



Analytical Report

Environmental Resolutions, Inc. 601 North McDowell Blvd. Petaluma, CA 94954-2312	Date Received: Work Order No: Preparation:	03/20/10 10-03-1663 EPA 5030B
Totalama, or to joe t 20	Method:	EPA 8021B
	Units:	ug/L

Project: ExxonMobil 70104

Ethylbenzene

1,4-Bromofluorobenzene

Surrogates:

Client Sample Number			L	ab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared		e/Time alyzed	QC Batch ID
Method Blank			099-1	2-667-761	N/A	Aqueous	GC 8	03/19/10		20/10):56	100319B02
<u>Parameter</u>	Result	RL	<u>DF</u>	Qual	<u>Parameter</u>			<u>Result</u> ND	<u>RL</u> 1.0	<u>DF</u>	Qual
Benzene	ND	0.50	1		Xylenes (total Methyl-t-Buty		(F)	ND	5.0	1	
Toluene	ND ND	0.50 0.50	4		Wethyl-t-Daty	Laner (Mice	,	,,_		-	
Ethylbenzene	REC (%)	Control	, Qu	al							
Surrogates:	REC (70)	Limits	740	<u>cii</u>							
1.4-Bromofluorobenzene	100	70-130									
Method Blank			099-1	2-667-766	N/A	Aqueous	GC 8	03/25/10		25/10 1:49	100325B01
				^ -1			·····	Result	RL	DF	Qual
<u>Parameter</u>	Result	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>						282401
Benzene	ND	0.50	1		Xylenes (total	•		ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Buty	i Ether (MTB	it.)	ND	5.0	1	

DF - Dilution Factor

ND

100

0.50

Control

<u>Limits</u>

70-130

Qual



aboratories, Inc.

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

Date Received: Work Order No: Preparation: Method: 03/20/10 10-03-1663 EPA 5030B EPA 8015B (M)

Project ExxonMobil 70104

Quality Control Sample ID	Matrìx	Instrument	Date Prepared	,	Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 18	03/22/10		03/23/10	100322802
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	87	68-122	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit



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

Date Received: Work Order No: Preparation: Method:

03/20/10 10-03-1663 **EPA 5030B** EPA 8021B

Project ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-03-1564-1	Aqueous	Aqueous GC 8			03/20/10	100319802
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	98	99	57-129	1	0-23	
Toluene	66	103	50-134	44	0-26	4
Ethylbenzene	103	105	58-130	2	0-26	
p/m-Xylene	103	106	58-130	3	0-28	
o-Xylene	98	101	57-123	3	0-26	
Methyl-t-Butyl Ether (MTBE)	103	102	44-134	2	0-27	



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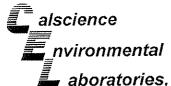
Date Received: Work Order No: Preparation: Method:

03/20/10 10-03-1663 EPA 5030B EPA 8021B

Project ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared		Date Analyzed	MS/MSD Batch Number
10-03-1786-1	Aqueou	03/25/10		03/25/10	100325801	
<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	101	57-129	4	0-23	
Toluene	110	108	50-134	1	0-26	
Ethylbenzene	111	110	58-130	1	0-26	
p/m-Xylene	111	111	58-130	0	0-28	
o-Xylene	107	106	57-123	1	0-26	
Methyl-t-Butyl Ether (MTBE)	108	104	44-134	3	0-27	

RPD - Relative Percent Difference,



aboratories, Inc.

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

Date Received: Work Order No:

10-03-1663 EPA 5030B

N/A

Preparation: Method:

EPA 8015B (M)

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-4,545	Aqueous	GC 18	03/22/10	03/23/10	100322B02

<u>Parameter</u>	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualmers
TPH as Gasoline	90	90	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit



aboratories, Inc.

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

Date Received: Work Order No: Preparation: Method:

N/A 10-03-1663 EPA 5030B EPA 8021B

Project: ExxonMobil 70104

Quality Control Sample ID	Matrix	rix Instrument		-	Date alyzed	LCS/LCSD Bat Number	ch
099-12-667-761	Aqueous	GC 8	03/19	/10 03/	20/10	100319B02	
<u>Parameter</u>	LCS %	REC LCS	D %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	1	00	70-118	1	0-9	
Toluene	101	1	04	66-114	3	0-9	
Ethylbenzene	102	1	05	72-114	3	0-9	
p/m-Xylene	104	1	07	74-116	3	0-9	
o-Xylene	99	1	02	72-114	3	0-9	
Methyl-t-Butyl Ether (MTBE)	97	1	05	41-137	8	0-13	



Environmental Resolutions, Inc. 601 North McDowell Blvd.

Date Received: Work Order No: Preparation:

Method:

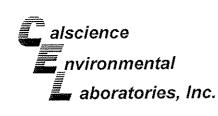
N/A 10-03-1663 EPA 5030B EPA 8021B

Project: ExxonMobil 70104

Petaluma, CA 94954-2312

Quality Control Sample ID	Matrix	Instrument	Dat Prepa		Date alyzed	LCS/LCSD Bate Number	ch
099-12-667-766	Aqueous	GC 8	03/25	/10 03/	25/10	100325B01	
<u>Parameter</u>	LCS %	REC LCSI	%REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
Benzene	97	9	4	70-118	3	0-9	
Toluene	103	10	13	66-114	0	0-9	
Ethylbenzene	103	10	15	72-114	1	0-9	
p/m-Xylene	105	10	7	74-116	1	0-9	
o-Xylene	101	10	2	72-114	1	0-9	
Methyl-t-Butyl Ether (MTBE)	102	9	ô	41-137	6	0-13	

RPD - Rela



Glossary of Terms and Qualifiers

Work Order Number: 10-03-1663

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.
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.
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.

CHAIN OF CUSTODY RECORD



age ____ of ___

									_											
Calscience .	Con	Consultant Name: Environmental Resolutions, Inc.				Ε	ExxonMobil Engineer Jennifer Sedlachek													
Epvironmental		Address:	610 North M	lcDowell		***************************************		Tele	phon	e Nur	nber	510-5	47-81	96						
aboratories, Inc.		City/State/Zip:	Petaluma, C	A 94954					A	ссоц	nt #:	1022	8							
7440 LINCOLN WAY		oject Manager								F	O #:	4508	88353	34						
GARDEN GROVE, CA 92841		hone Number:							Fa	acility	ID#	7-01	04							
TEL: (714) 895-5494		l Job Number:						Giobal ID#												
FAX: (714) 894-7501	Sample	r Name: (Print)	don	Hern	in				Site Address 172				Park	Stree	t					
ExonMobil	Sam	oler Signature:	By Marin					City	State	e Zip	Alam	eda, (Califo	rnia						
TAT	PROVIDE:	Special Instru	ctions:		•				 Matrix			······································		····	Ana	lyze F	-or:	***		
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Sample ID / Descrip	otion	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHg 8015B	BTEX 8021B	MTBE				ĺ			
W-PSP-1	<u>, </u>	3/18	1232		Х	HCI	4 voa	Х			Х	Х	Х							
2 W-INT 2		, ,	1245		Х	HCI	4 voa	Х			Х	Х	Х							1
3 W-INT 1			1300		Х	HCI	4 voa	Х			Χ	Х	Х						\top	
4 w-INF			1315		Х	HCI	4 voa	X			Х	Х	Х						+	
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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

Delivery Instructions:

Signature Type: SIGNATURE REQUIRED

513788369 Tracking #:

GARDEN GROVE

D92843A



Print Date: 03/19/10 17:16 PM

SDS

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 fabel 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 darliage 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 #: 10-03-11663

SAMPLE RECEIPT FORM Cooler of

aboratories, Inc. Calling 4-10-11-11-11-11-11-11-11-11-11-11-11-11-	
CLIENT: DATE: DATE:	<u>0</u> _
TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C − 6.0 °C, not frozen) Temperature 2 · 7 °C + 0.5 °C (CF) = 3 · 2 °C	
☐ Received at ambient temperature, placed on ice for transport by Courier. Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only	2
	$\overline{\Lambda}$
CUSTODY SEALS INTACT: □ Cooler □ □ No (Not Intact) Not Present □ N/A Initial: □ □ Sample □ □ No (Not Intact) Not Present Initial: □	
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	
☐ Unpreserved vials received for Volatiles analysis	
Volatile analysis container(s) free of headspace	
Tedlar bag(s) free of condensation	
CONTAINER TYPE:	
Solid: 40zCGd	
Water: □VOA □VOAna₂ □125AGB □125AGBh □125AGBp □1AGB □1AGBna₂ □1AG	Bs
□500AGB □500AGJ □500AGJs □250AGB □250CGB □250CGBs □1PB □500PB □500PB	1
□250PB □250PBn □125PB □125PBznna □100PJ □100PJna₂ □ □ □ □	
Air: □Tedlar® □Summa® Other: □ Trip Blank Lot#: Checked by:	2
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Reseatable Bag E: Envelope Reviewed by:	T

APPENDIX A

ERI'S 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	v 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
$$\frac{(460+70)}{(460+80)}$$
 $\frac{(407-13)}{(407-13)}$ $\frac{28.3}{(407-13)}$ $\frac{1050}{(407-13)}$ $\frac{1}{(407-13)}$ $\frac{1$

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)