

VAPOR INTRUSION EVALUATION

LETTER REPORT

WORK ASSIGNMENT D004433-5

BOMAX MANUFACTURING CITY OF WATERTOWN

SITE NO. 6-23-009 JEFFERSON (C), NY

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Denise M. Sheehan, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Corporation

77 Goodell Street Buffalo, New York 14203

LETTER REPORT

SOIL VAPOR INTRUSION EVALUATION FOR THE BOMAX MANUFACTURING SITE SITE #6-23-009 WATERTOWN, NEW YORK

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Prepared By:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

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TABLE OF CONTENTS

		Page No.
1.0	INTRO	DUCTION
2.0	FIELD	ACTIVITIES
3.0	SAMPI	LE COLLECTION
REFERI	ENCES	
		TABLES
		(Following Text)
Table 1		Site Sampling Summary
		ATTACHMENTS
Attachm	ent A	Boring Logs and Soil Vapor Implant Construction Drawings
Attachm	ent B	Photograph Log
Attachm	ent C	Data Summary Usability Report
Attachm	ent D	Soil Vapor Sampling Records and Chain of Custody Forms
Attachm	ent E	Groundwater Sampling Records and Chain of Custody Forms

1.0 INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) requested URS Corporation (URS), under it's State Superfund Standby Contract, to perform a Vapor Intrusion Evaluation at the Bomax Manufacturing site (Site No. 6-23-009) in Watertown, Jefferson County, New York. The site consists of a former Bomax manufacturing plant and surrounding vacant land. Groundwater and soil vapor sampling were conducted to assess potential soil vapor intrusion of chlorinated volatile organic compounds (VOCs) into the surrounding area.

The results of this vapor intrusion evaluation are presented in this letter report. Section 2.0 includes a general description of the field activities completed. Section 3.0 provides the analytical results of the groundwater and soil vapor sampling.

2.0 FIELD ACTIVITIES

The following field activities were completed at the Bomax Manufacturing site during the soil vapor intrusion investigation. All of the fieldwork completed followed the requirements and specifications presented in the URS-prepared Work Plan, Field Sampling Plan and Health and Safety Plan.

- Site visit to mark out drilling locations;
- Drilling and installation of 11 shallow soil vapor implants;
- Sampling and analysis of four groundwater grab samples from soil borings; and
- Sampling and analysis of 10 soil vapor samples.

Soil Vapor Implant Drilling and Installation

On July 20, 2006, representatives from URS and NYSDEC marked out drilling locations for soil vapor implants at eleven area locations. Utility locators were also notified of the boring locations and they completed utility mark outs.

On July 25, 2006, URS supervised the drilling and construction of temporary shallow soil vapor implants at 11 locations. The locations were identified as 623009-V-1 through 623009-V-11 (see Table 1). GeoLogic NY, Inc., a drilling contractor from Homer, New York, performed the drilling. Soil vapor implant construction consisted of first drilling an approximate 3-inch diameter boring using direct-push drilling techniques and macro core drilling tools. A 6-inch long stainless steel screen (implant) was then placed in the borehole to the desired sampling depth and connected to a 3/8-inch diameter polyethyle ne tube brought to approximately 3-feet above ground surface. Sand was placed in the borehole to cover the screen, and hydrated bentonite was then placed in the remainder of the borehole. Shallow soil vapor implants were installed at each of the 11 locations. Boring logs and soil vapor implant construction drawings are provided in Attachment A.

After the construction of 623009-V-1S, it was discovered that this implant was saturated with groundwater. This implant was sampled for groundwater (see Section 3.0, Groundwater Sampling) and removed from the ground. The soil vapor implant for this location was re-drilled and replaced by a shallower implant also designated 623009-V-1S.

3.0 SAMPLE COLLECTION

Photographic Log

Photographs were taken during the sampling of the soil vapor implants. A photograph log is provided in Attachment B.

Soil Vapor Sampling

Prior to sampling, helium tracer gas testing was conducted at all sampling locations to ensure that the soil vapor samples were not affected by ambient air being drawn into the Summa® canisters used to collect the samples. Soil vapor sampling and helium testing followed procedures presented in URS' approved Field Sampling Plan (URS, 2006). Soil vapor samples were collected at locations 623009-V-1S, 623009-V-2S, and 623009-V-4S through 623009-V-1IS on July 26 and 27, 2006. A duplicate sample of 623009-V-7S was also collected and designated 20060727-FD-1. Collection of a soil vapor sample at location 623009-V-3S was attempted but tight soils and a resulting high soil vacuum prevented a sample from being collected.

Samples were collected using 6liter Summa® canisters with two-hour regulators. Soil vapor samples were shipped to Con-Test Analytical Laboratories in East Longmeadow, MA for analysis of the Target Compound List (TCL) volatile organic compounds (VOCs) using USEPA Method TO-15.

A summary of the soil vapor samples collected is presented in Table 1. Validated analytical results are provided in the Data Usability Summary Report (DUSR) provided in Attachment C. Soil vapor sampling records and Chain of Custody forms are provided in Attachment D.

Groundwater Sampling

Four groundwater grab samples were collected on July 25, 2006 during the drilling and installations of the soil vapor implants. One sample, 623009-GW-1, was collected from a shallow soil vapor implant designated as 623009-V-1S. Three additional groundwater grab samples were collected from open boreholes prior to construction of the soil vapor implants. These groundwater samples were designated 623009-GW-2, 623009-GW-5 and 623009-GW-7. A summary of the groundwater samples collected is presented in Table 1.

Validated laboratory results for the groundwater samples are provided in the DUSR in Attachment C. Groundwater sampling records and Chain of Custody forms are provided in Attachment E.

REFERENCES

New York State Department of Health (NYSDOH). 2005. Guidance for Evaluating Soil Vapor Intrusion in the State of New York. Public Comment Draft, February 2005.

URS Corporation (URS). 2006. Field Sampling Plan for the Vapor Intrusion Evaluations for New York State Remedial Sites.

URS. 2006. Vapor Intrusion Evaluation Work Plan/Budget Estimate for Bomax Manufacturing Site.

URS. 2006. Health and Safety Plan, Bomax Manufacturing Site.

Table 1 Site Sampling Summary Bomax Manufacturing Site, Watertown, NY Soil Vapor Intrusion Evaluation Site # 6-23-009

Location ID	NYSDEC Sample ID	General Location/Comments	Sample Date	Depth to GW (ft bgs)	Depth to SG Implant Base (ft bgs)	Leak-Test Successful? (yes or no)	Start Vacuum (in. Hg)	End Vacuum (in. Hg)	Start Time	Stop Time	Duration (hours)
Soil Vapor Samples											
623000-V-1	623009-V-1S	Center of building on easet side. Soil gas implant.	7/26/2006	<4	2.75	Yes	-26	-3	1814	1954	100
623009-V-2	623009-V-2S	Former drum storage area southeast of building. Soil gas implant.	7/26/2006	4.1	3.0	Yes	-30	-6	1832	1946	74
623009-V-3	Sample not analyzed-no vacuum loss. Tight soil.	In field south east of building. Soil gas implant.	7/26/2006	Not observed	6.0	Yes	-30	-30	1100	1625	325
623009-V-4	623009-V-4S	South of building at edge of driveway. Soil gas implant.	7/26/2006	4	3.75	Yes	-30.0	-3.0	1854	1906	12
623009-V-5	623009-V-5S	Southwest corner of building near former solvent/waste oil tank. Soil gas implant	7/27/2006	3.2	3.0	Yes	-22.5	-2.0	1009	1132	83
623009-V-6	623009-V-6S	Northwest corner of Building. Soil gas implant.	7/27/2006	Not observed	4.75	Yes	-30	-3.5	902	1040	98
623009-V-7	623009-V-7S / 20060727-FD-1 (Duplicate of 623009-V-7S)	West side of building near loading dock. Soil gas implant.	7/27/2006	3.1	3.0	Yes	-30	-10	945	1119	94
623009-V-8	623009-V-8S	Southwest of building along Salmon Run Mall Road. Soil gas implant.	7/27/2006	Not observed	4.8	Yes	-29.5	-1	1202	1214	12
623009-V-9	623009-V-9S	Northwest of septic tankl/leach field. Soil gas implant.	7/26/2006	Not observed	3.8	Yes	-30	-4	1530	1730	120
623009-V-10	623009-V-10S	Southeast of septic tankl/leach field. Soil gas implant.	7/26/2006	Not observed	3.8	Yes	-28	-4	1433	1557	84
623009-V-11	623009-V-11S	Northeast of septic tankl/leach field. Soil gas implant.	7/26/2006	Not observed	4.0	Yes	-25	-4	1508	1645	97
Groundwater Grab San	nples from Soil Vapor Borings										
623009-V-1	623009-GW-1	Sample from top of the water table.	7/25/2006	<4	NA	NA	NA	NA	NA	NA	NA
623009-V-2	623009-GW-2/MS/MSD	Sample from top of the water table.	7/25/2006	4.1	NA	NA	NA	NA	NA	NA	NA
623009-V-5	623009-GW-5	Sample from top of the water table.	7/25/2006	3.2	NA	NA	NA	NA	NA	NA	NA
623009-V-7	623009-GW-7	Sample from top of the water table.	7/25/2006	3.1	NA	NA	NA	NA	NA	NA	NA

NA = Not Applicable bgs = Below ground surface

3/22/2007 Page 1 of 1 I1174772/excel/sampling summary

ATTACHMENT A

BORING LOGS AND SOIL VAPOR IMPLANT CONSTRUCTION DRAWINGS

BORNIK NO: 623005-V-1S				U	RS Cor	porati	on	<u></u> _			TEST BOR	NG I	OG	
NYSDEC Geologic NY Geolo				•							BORING NO:	62300S	-V-1S	
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					-					BORING NO:	823009	-V-4\$	
PROJEC	CT:	Bom	ax Vapo	r Intrusion	Investig	ation, W	atertown, N	′		SHEET:	1 of 1		
CLIENT		NYS							_	JOB NO.:	1	1174772	.00002
	CONTRA	сто	R:	GeoLogic I	NY					BORING LOCATI	ON:	S.of buil	ding
	DWATER:			-		CAS.	SAMPLER	CORE	TUBE	GROUND ELEVA	TION:	NA	
DATE	TIME		EVEL	TYPE	TYPE		Macrocore			DATE STARTED:	:	7/25/06	
					DIA.		2"			DATE FINISHED:	:	7/25/06	
		_			WT.		·			DRILLER:		Liam Cu	mmins
				·	FALL					GEOLOGIST:		John Bo	
					* PO(KET PE	NETROMET	ER REA	DING	REVIEWED BY:	7.B	URME (8	4
			SAMP	LE.			Ţ	ESCRI	PTION				
DEPTH								MATE	RIAL				MARKS
FEET	STRATA	NO.	TYPE	RECOVERY %	COLOR			ESCRI	PTION		USCS	PID	MOISTURE
	PIN N		<u> </u>		Brown	0-0.9' Si	ilt & fine-med	. gravel	, some 1	îne-medium sand	Μ̈L	0.0 ppm	Moist
	1	١,	Macro	100%		0.9-3,5	SILT, some o	day, tra	ce fine g	gravet		1	
		Ι'	Core	10076		3.5-4.3	SILT, some t	ine san	d				└ ─★─┤
					♦_	<u> </u>	Wet at 4.1'			<u> </u>	▼	₩	wet
5					Gray	4.3-4.5	Limestone b	edrock				İ	
		2	Macro	10%									
			Core	1070							i		i
		<u> </u>							- "	·-·	L		L
						Refusal	at 4.5' on roo	k					
10													
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сомм	ENTS: Geo	prob	e 5400 u	sing a 4'x 3	" macroo	ore to a	depth of 4.5	BGS.		PROJECT NO.		772.0000)2
				.75' bgs (see						BORING NO.	62300	9-V-4S	

			Ü	JRS Cor	porat	ion	<u> </u>			TEST BOR	ING	LOG	
ļ					•					BORING NO:	623009	-V-5S	
PROJEC	CT:	Bom	ax Vapo	r Intrusion	investiga	ation, W	atertown, N	7		SHEET:	1 of 1		
CLIENT		NYSI								JOB NO.:	1	1174772.	00002
	CONTRA	_		GeoLogic N	NY					BORING LOCATI		S.E.of bu	ıilding
	DWATER:				•	CAS.	SAMPLER	CORE	TUBE	GROUND ELEVA	TION:	NA	
DATE		LE	VEL.	TYPE	TYPE		Macrocore			DATE STARTED:		7/25/06	
			-		DIA.		2"			DATE FINISHED:		7/25/06	
		•			WT.					DRILLER:		Liam Cui	
					FALL					GEOLOGIST:		John Boy	
		_			* POC	KET PE	NETROMET			REVIEWED BY:	7.BU	RME/E	<u> </u>
			SAME	PLE				ESCRI				250	14 81/0
DEPTH				:			_	MATE		:	ucce		MARKS_
FEET	STRATA	NO.	TYPE	RECOVERY %				ESCRI	PTION		USCS		MOISTURE
			1		Brown		ilt, trace orga				ML i i	0.0 ppm	Moist
		1	Macro	100%		1	SILT, trace o		an.				! <u> </u>
			Core		↓	3.0-3.5	Clayey silt (v	vet at 3.	2')		↓	│	wet
<u> </u>				<u> </u>	<u> </u>	D.CI	-1 0 El an	.1.					Wot
5_						Refusai	at 3.6' on roo	-K					
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00111	I I I		~ E400 :	uning o 4' · · ·	3" meeres	one to a	depth of 3.5	BGS		PROJECT NO.	11174	772.0000)2
				using a 4 x s l.0'bgs (see						BORING NO.		9-V-5S	
SOII VA	poi impiani	HISTE	men at 3	PA9 (900	VVI 104 UU					1			

			Ų	JRS Coi	porat	ion				TEST BOR	ING	LOG	
										BORING NO:	623009	-V-6S	
PROJEC	CT:	Bom	ax Vapo	r Intrusion	Investig	ation, W	atertown, N	1		SHEET:	1 of 1		
CLIENT:	:	NYSI	DEC			_				JOB NO.:		1174772.	00002
BORING	CONTRA	CTO	R:	GeoLogic N	NY					BORING LOCATI		NW of b	uilding
GROUN	DWATER:					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVA	TION:		
DATE	TIME	LE	VEL	TYPE	TYPE		Macrocore			DATE STARTED:		7/25/06	
					DIA.		2*			DATE FINISHED:		7/25/06	
_					WT.					DRILLER:		Liam Cu	
					FALL.					GEOLOGIST:	50	John Bo	
		_			* POC	KETPE	NETROMET			REVIEWED BY:	1- 150	IRANE 18	Z
			SAME	LE				ESCRI				DE	MARKS
DEPTH			TVOE		COLOR			MATE	PTION		uscs		MOISTURE
FEET	STRATA	NO.	TYPE	RECOVERY %			ilt, trace orga			m arayal	ML	0.0 ppm	
					1	1	ात, trace orga ' SILT, with li				" -	0.0 pp	1910131
ļ		1	Macro Core	90%		1.154.75	SIL1, WILLI	iğin bio	AA11 111OTE	a			
			***								i		
5			_		 						↓	↓	♥
			Macro		Dark	4.75' Lin	nestone bedi	rock				0.3 ppm	
		2	Core	21%	gray						1	ĺ	
													<u> </u>
						Refusal	at 4.75' on re	ock					
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00141	ENTE: Oc-	nrok.	5400 ··	eina a 4' v 3	" macroo	ore to a c	iepth of 4.0' l	ags.		PROJECT NO.	11174	772.0000	12
				75'bgs (see				, , , , , , , , , , , , , , , , , , , 		BORING NO.	_	9-V-6S	
COU AND	zor mitplant	,, iotal	,,,,,, at 7.	5 280 (660		4148							

<u> </u>		=	1	JRS Col	rporat	ion		· <u> </u>		TEST BOR	ING	LOG	
			•	,,,,,	<i>p</i> 0.u.						623009		
PROJEC	`T•	Rom	av Vanc	r Intrusion	Investig	ation. Wa	atertown, N	, 			1 of 1		
CLIENT		NYS		7 1110 0001011	1,110000	24019 111				JOB NO.:		1174772.	00002
	CONTRA			GeoLogic I	NY					BORING LOCATI	_	West of I	
	DWATER:		•••			CAS.	SAMPLER	CORE	TUBE			NA	
DATE	TIME		VEL	TYPE	TYPE		Macrocore			DATE STARTED:		7/25/06	
UNITE					DIA.		2"			DATE FINISHED:		7/25/06	
— —					WT.					DRILLER:		Liam Cu	mmins
					FALL.					GEOLOGIST:		John Bo	
	_				POC	KET PE	NETROMET	ER REA	DING	REVIEWED BY:	T. Bu	RME14	<i>L</i>
			SAMF	PLE				ESCRI	PTION				
DEPTH					•			MATE	RIAL				MARKS
FEET	STRATA	NO.	TYPE	RECOVERY %				ESCRI		<u> </u>	USC\$		MOISTURE
	Ϋ́ SIII B				Brown					∮ & fine-med. sand		0.0 ppm	Moist
	, '8	1	Macro	60%	♦ '		•			nd, trace fine grave	\		
	٥	·	Core		-		SILT, trace fi		el				
		L	_		Gray		Limestone b						
5						Refusal	at 3.3' on roo	k					
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00:0:	L		- E 400		· · · · · · · · · · · · · · · · · · ·		lenth of 3 3' !	3.05		PROJECT NO.	11174	772.0000	2
				o'bgs (see			epth of 3.3' l	, , , ,		BORING NO.		9-V-7\$	
Son vap	or implant	mstal	nçu al J.	o pås (200 i	Constituct	on diagni	ann <i>j</i>					· · <u>· · · · · · · · · · · · · · · · · </u>	

<u></u>	······································		ι	JRS Coi	porat	ion	· <u>-</u>			TEST BOR	ING	LOG	
					•					BORING NO:	623009	-V-8S	
PROJEC	CT:	Bom	ax Vapo	r Intrusion	investiga	ation, W	atertown, N	′		SHEET:	1 of 1		
CLIENT		NYSI								JOB NO.:	1	1174772.	00002
	CONTRA	CTO	₹:	GeoLogic I	NY Y					BORING LOCATI	ON:	Salmon F	tun Mall Ro
GROUN	DWATER:					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVA	TION:	NA	
DATE	TIME	ĹE	VEL	TYPE	TYPE		Масгосоге			DATE STARTED:		7/25/06	
					DIA.		2"			DATE FINISHED:		7/25/06	
					WT.					DRILLER:		Liam Cur	
					FALL		-	L,		GEOLOGIST:		John Boy	
				_	* PO0	KET PE	NETROMET	ER RÉA	DING	REVIEWED BY:	7. /A	IRME 1E	<u> </u>
			SAMP	LE			<u>_</u>	ESCRI			,		
DEPTH								MATE			'		IARKS
FEET	STRATA	NO.	TYPE	RECOVERY %				ESCRI			uscs	_	MOISTURE
		1	Macro Core	100%	Brown		SILT, some or			ML	1.1ppm	Moist Wet	
5	***************************************				<u> </u>		Very fine sar		ilt. Wet	at 4.5	_	0.4 ppm	vvet
		2	Macro	21%	Gray				0.0 ppm				
			Core										
10						37610321	at 4.8' on roo	•				1	
15													
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							depth of 4.8	BGS.		PROJECT NO.	_	772.0000	2
Soil var	or implant	insta	led at 4	8 bgs (see	construct	ion diagr	am).			BORING NO.	62300	9-V-8S	
II										I			

<u> </u>			l	JRS Col	porat	ion		· <u></u>		TEST BOR	ING	LOG	
			-						_		623009		
PROJE	cT·	Bom	ax Vano	r Intrusion	Investica	ation. W	etertown, N	,			1 of 1		
CLIENT		NYS						-		JOB NO.:	1	1174772.	00002
	CONTRA			GeoLogic I	<u> </u>				_	BORING LOCATI			ptic tank
	DWATER:					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVA		NA	
DATE	TIME		VEL	TYPË	TYPE		Масгосоге			DATE STARTED:		7/25/06	
		<u></u>			DIA.		2"			DATE FINISHED:		7/25/06	
					WT.					DRILLER:		Liam Cur	
					FALL					GEOLOGIST:		John Boy	
					* POC	KET PE	NETROMET			REVIEWED BY:	1.12	RMEIE	R.
			SAME	PLE		<u> </u>	E	ESCRI				P	AADVO
DEPTH							_	MATE			Heco		MARKS MOISTURE
FEET	STRATA		TYPE	RECOVERY %				ESCRI			USCS		
<u> </u>	e WP		<u>, ,</u>		Rrown		ILT, some ve Fine GRAVE			ace fine gravel	ML 	0.0 ppm	IVIOIST
<u> </u>		1	Macro Core	100%		l	Fine GRAVE Silty clay and			. and olay			
			2016		↓	3.3-3.8	Jacy Stay and	e yf				↓	₩
5	19 R	\vdash		 	Gray	3.8-4.0	Limestone be	edrock			<u> </u>	'	-
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сомм	ENTS: Geo	prob	e 5400 u	using a 4' x 3	" macroc	ore to a	depth of 4.0	BGS.		PROJECT NO.		772.0000	2
				8' bgs (see						BORING NO.	62300	9-V-9S	
								-					

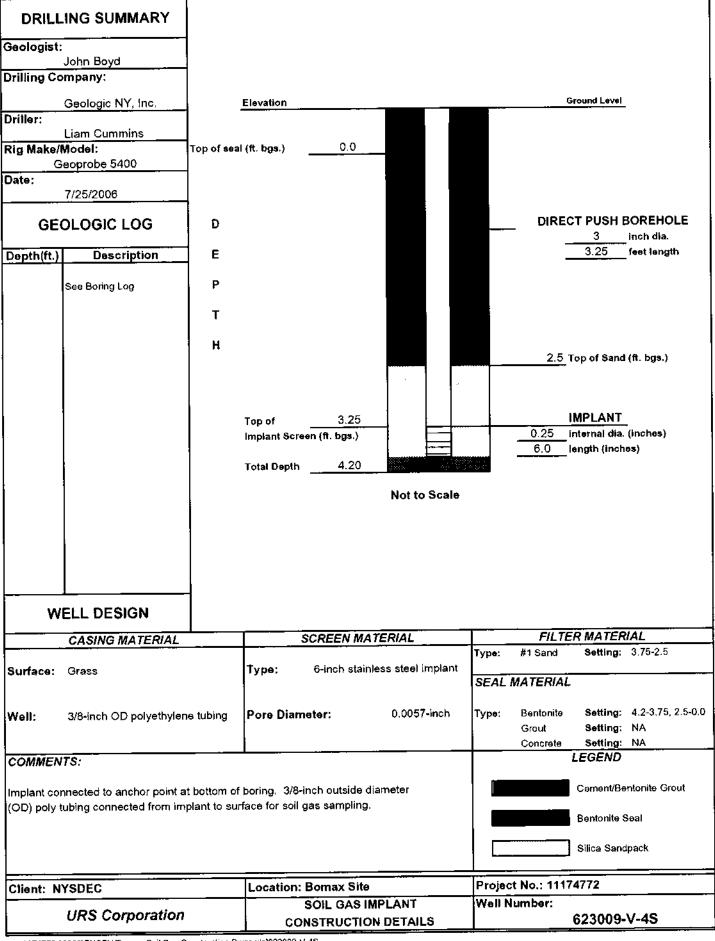
		, '	ι	JRS Col	rporat	ion				TEST BOR	ING	LOG	
										BORING NO:	623009	-V-10S	
PROJEC	CT:	Bom	ax Vapo	r Intrusion	Investige	ation, Wa	atertown, NY	′	•	SHEET:	1 of 1		
CLIENT		NYSI	DEC							JOB NO.:	1	1174772	00002
BORING	CONTRA	CTO	R:	GeoLogic I	٧Y					BORING LOCATI	ON:	S. of sep	tic tank
GROUN	DWATER:					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVA	TION:	NA	
DATE	TIME	LE	VEL	TYPE	TYPE _		Macrocore			DATE STARTED:		7/25/06	
				•	DIA.		2"			DATE FINISHED:		7/25/06	
					WT.					DRILLER:		Liam Cu	
			_		FALL					GEOLOGIST:	/	John Bo	
					, * POC	KET PE	NETROMET			REVIEWED BY:	7.6	URMEI	E.R.
			SAMP	LE				ESCRI					
DEPTH							_	MATE					MARKS
FEET		NO.	TYPE	RECOVERY %				ESCRI			USCS		MOISTURE
					Brown		SILT, some fi	_			ML I	0.0 ppm	Moist
		1	Macro Core	73%	*		' Fine GRAVI		ie siit ar	id tine sand		i I	
			Core		DX DIN	2.1-4.0	Clayey SILT.				Ţ	↓	👃
5					Gray	Potucal	at 4.0' on lim	estone	hedrock		V	*	
					,	17010381	at 4.0 Cillini	0010110	pouloo!				
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COMM	I ENTS: Geo	probe	5400	sing a 4' v 3	" macroco	ore to a d	lepth of 4.0' E	3GS.		PROJECT NO.	11174	772.0000	2
				8' bgs (see						BORING NO.		9-V-10S	
	pm.it			H- /			,						

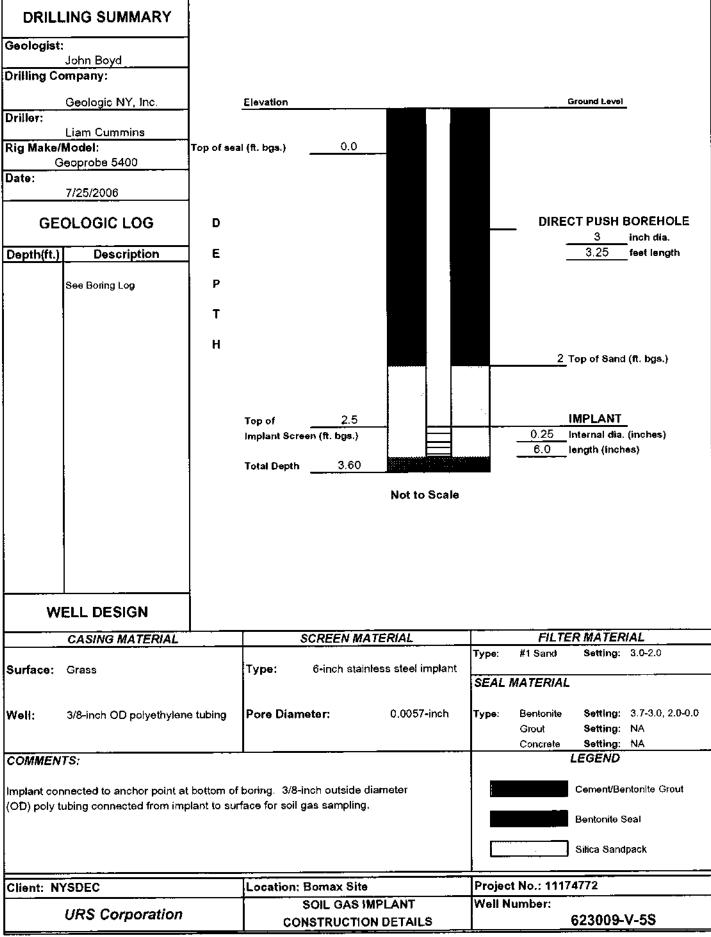
URS Corporation							TEST BORING LOG							
							BORING NO: 623009-V-11S							
PROJECT: Bomax Vapor Intrusion Investigation, Watertown, NY SHEET:						SHEET:	1 of 1							
CLIENT: NYSDEC JOB NO.:								1174772.						
BORING CONTRACTOR: GeoLogic NY BORING L							BORING LOCATI	ON:	NE of se	ptic tank				
GROUNDWATER: CAS. SAMPLER CORE TUBE GROUND E							GROUND ELEVA	TION:	NA					
DATE	TIME	L.F	EVEL	TYPE	TYPE	[Macrocore			DATE STARTED:	: 7/25/06			
					DIA.		2"			DATE FINISHED:				
				ļ	WT.					DRILLER: Liam Cummins				
					FALL	<u> </u>				GEOLOGIST: John Boyd				
					* PO(KET PE	NETROMET	ER REA	DING	REVIEWED BY:	7.6	Rane	ER	
			SAME	LE				ESCRI					·	
DEPTH								MATE					MARKS	
FEET	STRATA	NO.	TYPE	RECOVERY %)ESCRI			USCS		MOISTURE	
					Brown	1	ILT, trace or	ganics i	n top 0.2	2'	ML	0.0 ppm	Moist I	
		1	Maçro	90%		3.2-5.1	Silt and clay							
			Core		1									
						ŀ								
5			١		Gray	5 41 1 1							- ▼	
		2	Macro Core	30%	Glay	5.1 L)m	estone bedro	OCK						
<u> </u>		!	00.0			1								
-		<u> </u>	1			Refusal	at 5.1' on roo	:k	-				!	
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СОММЕ	NTS: Geo	probe	5400 u	sing a 4' x 3	" macroc	ore to a c	lepth of 5.1 E	3GS.		PROJECT NO.	11174	772.0000	2	
	COMMENTS: Geoprobe 5400 using a 4' x 3" macrocore to a depth of 5.1' BGS. Soil vapor implant installed at 4.0' bgs (see construction diagram).							BORING NO.	62300	9-V-11S				

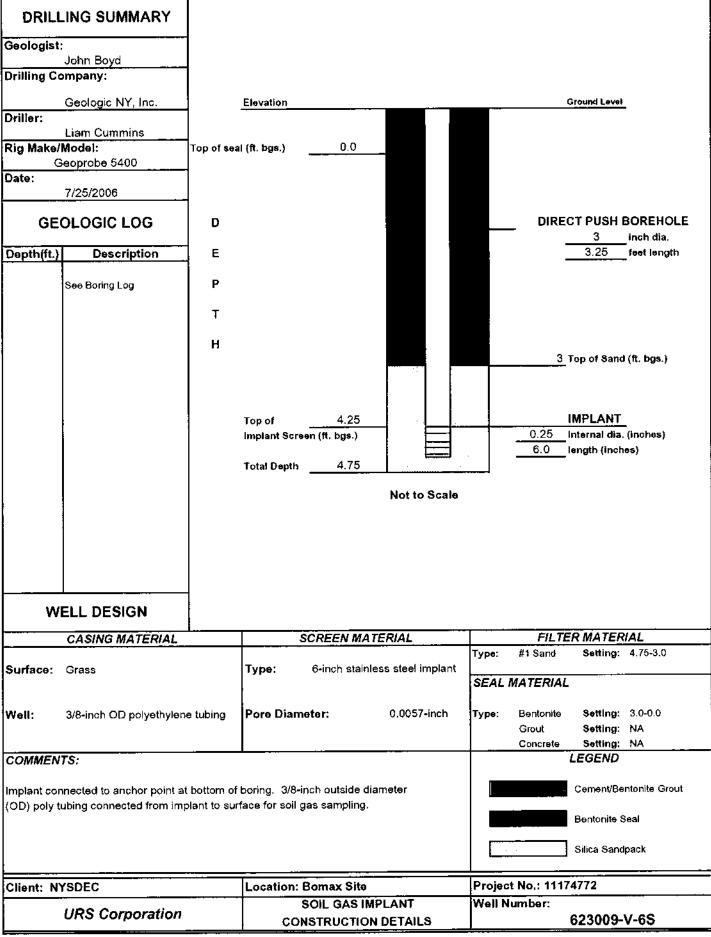
DRILL	ING SUMMARY								
Geologist:		1							
Drilling Co	John Boyd	-							
Prining Co									
Driller:	Geologic NY, Inc.	Elevation				G	round Level		
	Liam Cummins								
Rig Make/	Model:	Top of seal	(ft. bgs.) <u>0.0</u>						
Date:	eoprobe 5400	1							
_	7/25/2006	<u> </u> .							
GE	OLOGIC LOG	D				DIREC	T PUSH BOREHOLE 3 inch dla.		
Depth(ft.)	Description	E					3.25feet length		
	See Boring Log	P							
		Т							
:		н			. 2 Top of Sand (ft. bgs.)				
			Top of 2.2	_		1	MPLANT		
			Top of 2.2 implant Screen (ft. bgs.				nternal dia. (inches)		
						6.0	ength (Inches)		
			Total Depth 3.0 (ft. bgs.) 3.2			•			
		1							
!				Not to Scale					
	:								
w	ELL DESIGN	-							
	CASING MATERIAL		SCREEN	MATERIAL	1	FILTE	R MATERIAL		
Surface:	Grass	Type: 6-inch stainless steel implant				#1 Sand	Setting: 3.0-2.0		
					SEAL MATERIAL				
Well:	3/8-inch OD polyethyler	ne tubing	Pore Diameter:	0.0057-inch	Type:	Bentonite	Setting: 3.25-3.0, 2.0-0.0		
	. , , ,	*				Grout	Setting: NA		
COMMEN	ITS:				+	Concrete	Setting: NA LEGEND		
1						<u> </u>			
(OD) poly t	nnected to anchor point a tubing connected from im	at bottom of boring. 3/8-inch outside diameter aplant to surface for soil gas sampling.				Cement/Bentonite Grout			
						Bentonite Seal			
							Silica Sandpack		
Client: N	YSDEC	-	Location: Bomax S	ite	Projec	Project No.: 11174772			
1			SOIL GAS IMPLANT			Well Number:			
L	URS Corporation	CONSTRUCTION DETAILS				623009-V-1S			

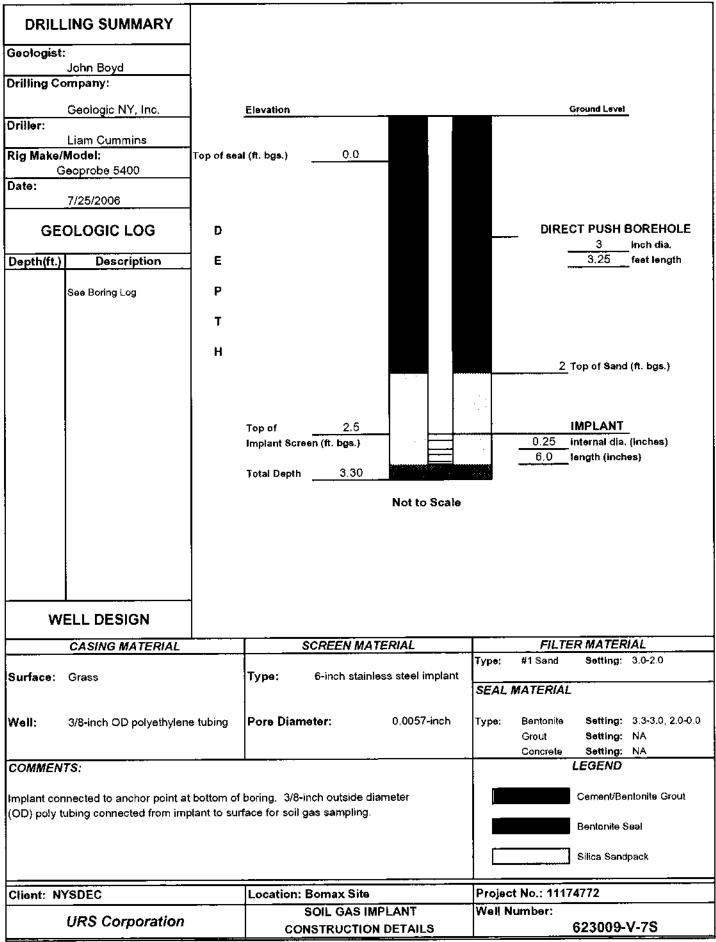
DRILLI	NG SUMMARY									
	ohn Boyd									
Drilling Com	ipany:									
G Driller:	eologic NY, Inc.	Elevation				Ground Level				
Li	iam Cummins									
Rig Make/Mo Geo	o del: oprobe 5400	Top of seal	(ft. bgs.) 0.0							
Date:	/25/2006									
GEOI	LOGIC LOG	D				DIREC	CT PUSH BOREHOLE 3 Inch dia.			
Depth(ft.)	Description	E				_	3.25 feet length			
Se	ee Boring Log	Р								
		Ŧ								
!		н				2 1	Гор of Sand (ft. bgs.)			
							(
			Tam of 2.5			,	MPLANT			
		Top of 2.5 Implant Screen (ft. bgs.)				0.25 internal dia. (Inches)				
			Total Depth 3.00			6.0	ength (Inches)			
				Not to Scale						
		1		1101111						
]										
WEI	LL DESIGN									
	CASING MATERIAL	<u></u>	SCREEN MA	ATERIAL		FILTE	R MATERIAL			
	lacktop	Type: 6-inch stainless steel implant			Type:	#1 Sand	Setting: 3.0-2.0			
					SEAL MATERIAL					
Well: 3	/8-inch OD polyethylen	e tubing	Pore Diameter:	0.0057-inch	Туре:	Bentonite Grout	Setting: 2.0-0.0 Setting: NA			
						Concrete	Setting: NA			
COMMENTS	S:						LEGEND			
	ected to anchor point at			Cement/Bentonite Grout						
(OD) poly tub	нну соппестеа тот тр	ланц (C SUN	ace for soil gas sampling	•			Bentonite Seal			
							Silica Sandpack			
Client: NYS	BDEC		Location: Bomax Site		Project No.: 11174772					
	IRS Corporation		SOIL GAS IMPLANT			Well Number: 623009-V-2S				
		CONSTRUCTION DETAILS			023003-4-23					

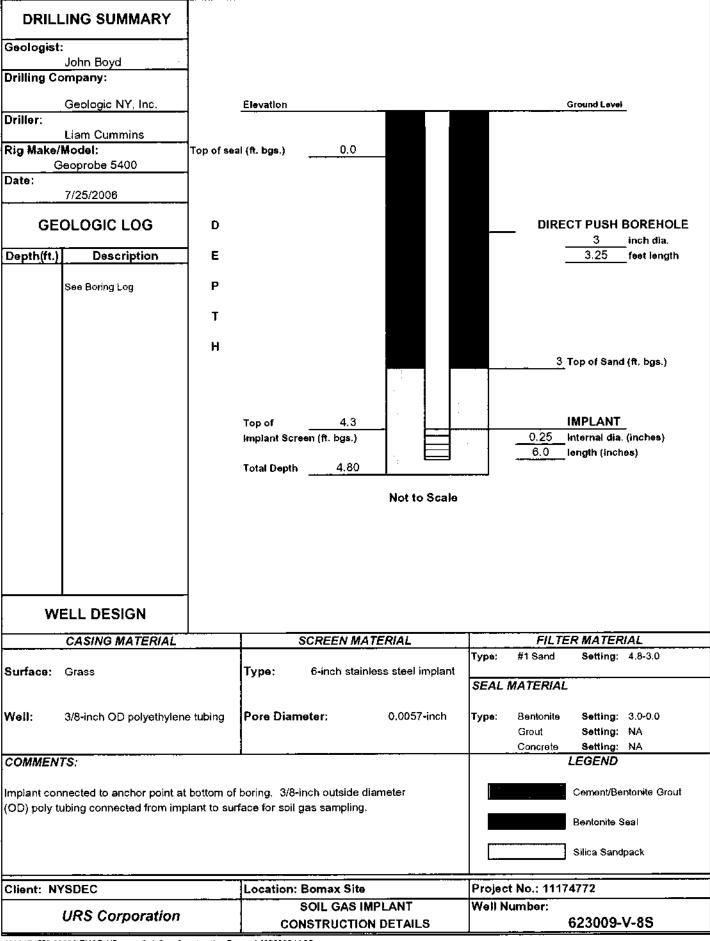
DRILLING SUMMARY Geologist: John Boyd **Drilling Company:** Ground Level Geologic NY, Inc. Elevation Driller: Liam Cummins Rig Make/Model: 0.0 Top of seal (ft. bgs.) Geoprobe 5400 Date: 7/25/2006 **DIRECT PUSH BOREHOLE** GEOLOGIC LOG D 3 inch dia. 3.25 feet length Description Ε Depth(ft.) See Boring Log Н 4 Top of Sand (ft. bgs.) IMPLANT 5.5 Top of 0.25 internal dia. (inches) Implant Screen (ft. bgs.) 6.0 length (inches) 6.50 **Total Depth** Not to Scale **WELL DESIGN** SCREEN MATERIAL FILTER MATERIAL CASING MATERIAL #1 Sand Setting: 6.5-4.0 Type: 6-inch stainless steel implant Type: Surface: Grass SEAL MATERIAL Pore Diameter: 0.0057-inch Bentonite Setting: 4.0-0.0 Well: Туре: 3/8-inch OD polyethylene tubing Grout Setting: NA Setting: NA Concrete LEGEND COMMENTS: Cement/Bentonite Grout Implant connected to anchor point at bottom of boring. 3/8-inch outside diameter (OD) poly tubing connected from implant to surface for soil gas sampling. Bentonite Seal Silica Sandpack Location: Bomax Site Project No.: 11174772 Client: NYSDEC SOIL GAS IMPLANT Well Number: URS Corporation 623009-V-3S **CONSTRUCTION DETAILS**

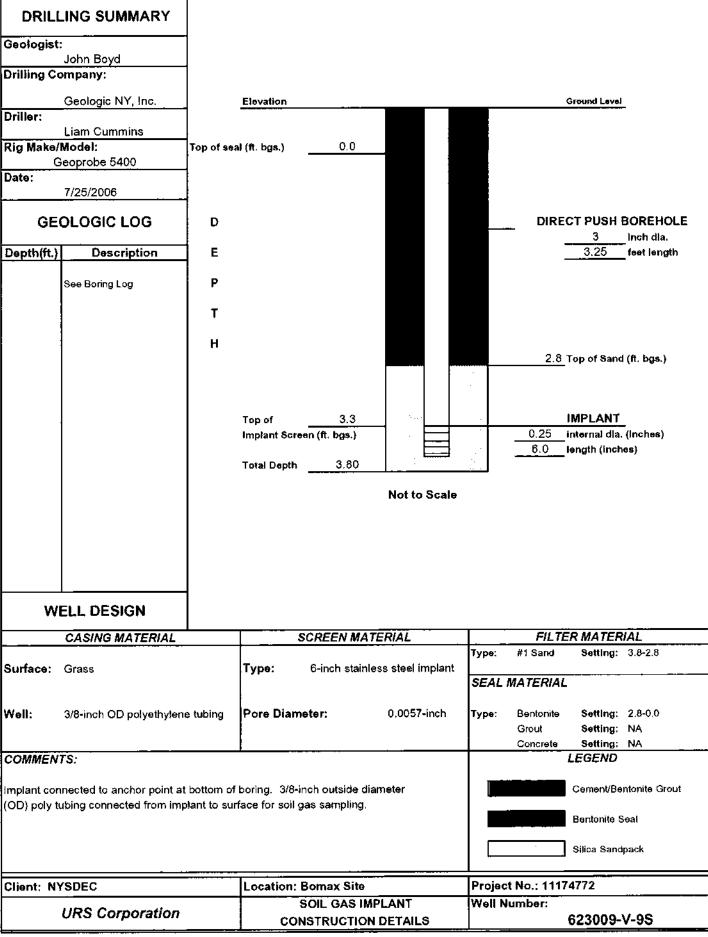


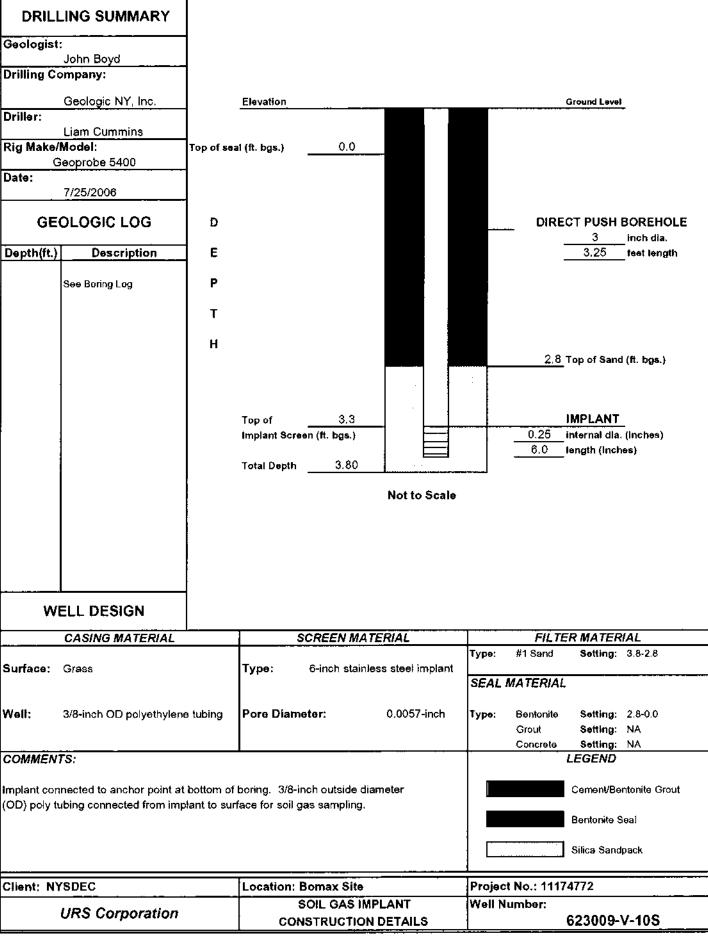


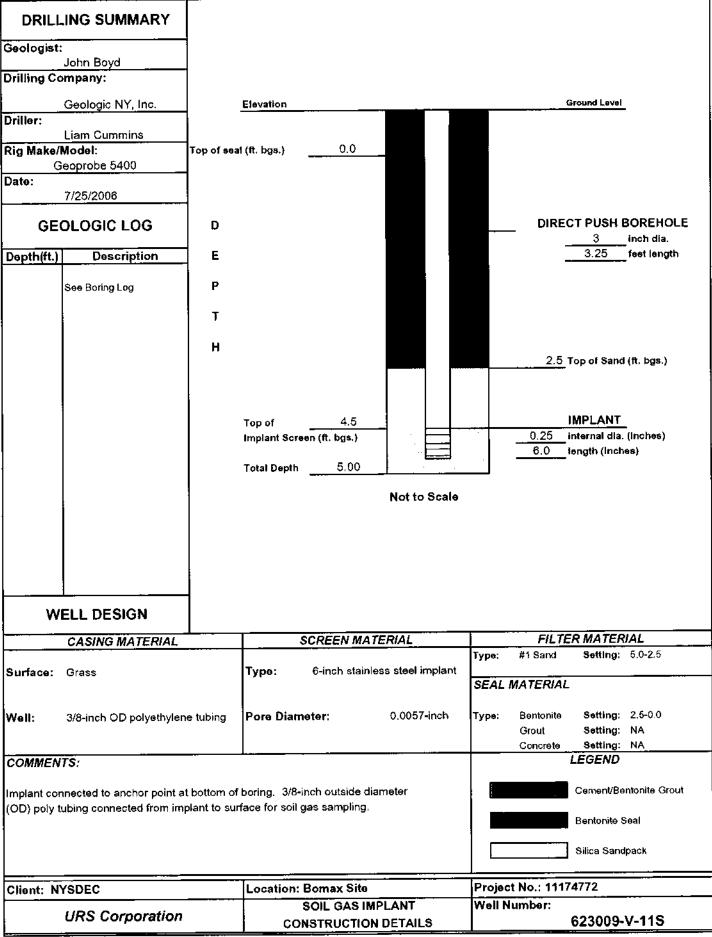












ATTACHMENT B

PHOTOGRAPH LOG



623009-V-8S Bomax Manufacturing Site



623009-V-5S Bomax Manufacturing Site



623009-V-5S Bomax Manufacturing Site



623009-V-7S Bomax Manufacturing Site



623009-V-6S Bomax Manufacturing Site



623009-V-4S Bomax Manufacturing Site



623009-V-2S Bomax Manufacturing Site



623009-V-1S Bomax Manufacturing Site



623009-V-11S Bomax Manufacturing Site



623009-V-10S Bomax Manufacturing Site



623009-V-9S Bomax Manufacturing Site

ATTACHMENT C

DATA SUMMARY USABILITY REPORT

DATA USABILITY SUMMARY REPORT

BOMAX MANUFACTURING SITE NO. 6-23-009 WORK ASSIGNMENT D004433-05

Analyses Performed by:

CON-TEST ANALYTICAL LABORATORY and MITKEM CORPORATION

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

OCTOBER 2006

TABLE OF CONTENTS

	<u>Page No</u>								
I.	INTRODUCTION1								
II.	ANALYTICAL METHODOLOGIES AND DATA VALIDATION1								
III.	DATA DELIVERABLE COMPLETENESS								
IV.	HOLDING TIMES/SAMPLE RECEIPT								
V.	NONCONFORMANCES								
VI.	SAMPLE RESULTS AND REPORTING								
VII.	SUMMARY5								
	TABLES (Following Text)								
Table 1	Summary of Data Qualifications								
Table 2	Validated Groundwater Sample Analytical Results								
Table 3	Validated Soil Gas Sample Analytical Results								
Table 4	Validated Field QC Sample analytical Results								
	ATTACHMENTS								
Attachn	nent A Validated Form 1's								
Attachn	nent B Support Documentation								

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999. Analytical data for the soil gas and groundwater samples collected on July 25-27, 2006 are discussed in this DUSR.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION

The groundwater data being evaluated are from the July 25, 2006 sampling of four groundwater samples, one matrix spike/matrix spike duplicate (MS/MSD) pair, and one trip blank. The analytical laboratory that performed the analyses is Mitkem Corporation, located in Warwick, RI. The groundwater samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) following USEPA Method 8260B.

The soil gas data being evaluated are from the July 26-27, 2006 sampling of 10 soil gas samples and 1 field duplicate. The analytical laboratory that performed the analyses is Con-Test Analytical Laboratory, located in East Longmeadow, MA. The samples were analyzed for TCL VOCs following United States Environmental Protection Agency (USEPA) Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, January 1999, Method TO-15, Determination of VOCs in Air Collected in Specially Prepared Canisters and Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS).

A limited data validation was performed on the samples following the guidelines in USEPA Region II *Validating Canisters of Volatile Organics in Ambient Air*, Rev. 0, April 1994, and USEPA Region II *Standard Operating Procedure for the Validation of Organic Data Acquired using SW-846 Method 8260B*, SOP HW-24, Revision 1, June 1999. The validation consisted of a review of the deliverable completeness, quality control and instrument calibration data, and verification of sample results.

Qualifications applied to the data include 'J' (estimated concentration), 'UJ' (estimated quantitation limit), and 'NJ' (presumptive presence of a compound /estimated concentration). Copies of the validated laboratory results (i.e., Form 1's) are presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only problems affecting data usability are discussed in this report.

Table 1 summarizes the qualifications applied to the sample results. The validated analytical results are presented on Tables 2, 3, and 4.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages [(i.e., NYSDEC Analytical Services Protocol (ASP) Category B or equivalent)] were provided by the laboratories, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratories intact and under proper chain-of-custody.

The secondary dilution analysis of groundwater sample 623009-GW-5 was analyzed outside of the USEPA Region II technical holding time for volatile aromatic hydrocarbons in unpreserved aqueous samples, which is seven days from the time of sample collection. The detected results for ethyl benzene and total xylene reported from the secondary dilution of this sample have been qualified 'J'. This diluted analysis was also performed past the ASP contractual holding time of seven days from the validated time of sample receipt (VTSR) at the laboratory.

There are no contractual holding times specified in the June 2000 version of the NYSDEC ASP for VOC analysis of air samples collected in Summa[®] canisters. However, the USEPA Region II technical holding time for air samples collected in Summa[®] canisters is seven (7) days for polar compounds (e.g. alcohols, ketones) and fourteen (14) days for non-polar compounds from VTSR at

the laboratory. It should be noted that USEPA Method TO-15 indicates storage stability for many VOCs in Summa[®] canisters over a period of up to 30 days.

Soil gas samples 623009-V-01S, 623009-V-02S, 623009-V-04S, and 623009-V-08S were analyzed outside of the USEPA Region II technical holding time of 7 days from VTSR for polar VOCs. The results for acetone, 2-butanone, 4-methyl-2-pentanone (MIBK), and 2-hexanone were qualified 'UJ' or 'J' in these samples.

V. NONCONFORMANCES

Continuing Calibrations

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in one of the continuing calibration (CCAL) standards associated with the groundwater and trip blank samples exceeded the quality control (QC) limit of 20% for dichlorodifluoromethane, 1,2-dibromo-3-chloropropane, and 1,2,4-trichlorobenzene. The results for these compounds in the associated groundwater and trip blank samples listed on Table 1 have been qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in one of the CCAL standard associated with the soil gas samples exceeded the QC limit of 25% for acetone. The results for this compound in the associated soil gas samples listed on Table 1 have been qualified 'J' or 'UJ'.

Documentation supporting the qualification of data [i.e., Forms 5 and 7 (groundwater), instrument run log and CCAL summary form (soil gas)] is presented in Attachment B.

Laboratory Control Samples

The recovery percentage (%R) of chloroform was below the QC limit in the laboratory control sample associated with all groundwater and trip blank samples. The results for chloroform in these samples have been qualified 'J' or 'UJ', as listed on Table 1.

Documentation supporting the qualification of data (i.e., Form 3) is presented in Attachment B.

Internal Standards

The recovery percentages of all internal standards (fluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4) were below the lower QC limits in the undiluted analysis of groundwater sample 623009-GW-5. The sample was re-analyzed at a dilution due to elevated levels of target compounds and showed acceptable recoveries for all of the internal standards. All compounds reported from the undiluted analysis of this sample have been qualified 'J' or 'UJ'. The results from the diluted analysis (i.e., those qualified 'D') did not require qualification except where noted otherwise in this report.

Documentation supporting the qualification of data (e.g. IS Form 8) is presented in Attachment B.

VI. SAMPLE RESULTS AND REPORTING

All quantitation limits (QLs) were reported in accordance with method requirements and were adjusted for sample size and dilution factors. Results below the QL were qualified 'J' by the laboratory. Results reported from a secondary dilution were qualified 'D' by the laboratory.

Groundwater sample 623009-GW-7 was initially analyzed undiluted. A further dilution of 25x was required due to elevated levels of chloroethane, 1,1-dichloroethane, 1,1,1-trichloroethane, and 1,1,2-trichloro-1,2,2-trifluoroethane.

Groundwater sample 623009-GW-5 was initially analyzed undiluted. A further dilution of 1000x was required due to elevated levels of 1,1,1-trichloroethane, ethylbenzene, total xylene, and 1,1,2-trichloro-1,2,2-trifluoroethane. Due to the high dilution level (i.e., 1000x) some compounds

that were present in the undiluted analysis at concentrations exceeding the range of calibration (i.e., qualified 'E' by the laboratory), were non-detect in the secondary dilution. The affected results for methylene chloride, 1,1-dichloroethane, and tetrachloroethene have been reported from the undiluted analysis and the 'E' qualifier applied by the laboratory was changed to 'J' during validation due to the calibration range exceedances.

In all soil gas samples the following compounds were analyzed as tentatively identified compounds (TICs) because the laboratory did not have sufficient time to obtain the necessary calibration standards, complete method detection limit (MDL) studies, and calibrate the instrument prior to the arrival of the samples: bromoform, methyl acetate, methylcyclohexane, isopropylbenzene, and 1,2-dibromo-3-chloropropane. However, the laboratory successfully performed MDL studies and calibrated the instrument for these compounds shortly after the samples were analyzed, and demonstrated that they were capable of quatitating the compounds at concentrations equivalent to the QLs reported on Table 3. Typically, QLs are not reported for TICs. As a conservative measure, the results for these compounds in all soil gas samples have been qualified 'NJ' or 'UJ'.

Soil gas samples 623009-V-08S and 623009-V-04S were not sampled for the specified time period (i.e., two hours) due to a malfunction of the pressure gauges provided by the laboratory. As a result, the canisters were not completely filled during collection and these samples were analyzed at dilutions resulting from the limited sample volume. The reported quantatitation limits reported represent the lowest achievable at the dilutions utilized.

Soil gas samples 623009-V-05S, 623009-V-06S, 623009-V-07S, and 20060727-FD-1 (623009-V-07S) were analyzed at an initial dilution of 5x. Further dilutions were required due to elevated levels of target compounds.

VII. **SUMMARY**

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' (estimated), 'UJ' (estimated quantitation limit), and 'NJ' (presumptive presence of a compound /estimated concentration) are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

Prepared By: Ann Marie Kropovitch, Chemist Date: 1034/06
Reviewed By: James J. Lehnen, Senior Chemist Date: 10/24/06

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D The sample results are reported from a separate secondary dilution analysis.
- NJ Presumptive evidence of a compound at an estimated value.

TABLE 1

SUMMARY OF DATA QUALIFICATIONS BOMAX MANUFACTURING – SITE # 6-23-009

NYSDEC W.A. # D004433-05

SAMPLE ID	FRACTION	ANALYTICAL DEVIATION	QUALIFICATION
Groundwater sample 623009-GW-5 (dilution only)	VOCs	Analyzed outside of the 7-day (from collection) technical holding time for aromatic hydrocarbons in unpreserved samples.	Qualify detected results for ethyl benzene and total xylene 'J'.
Groundwater samples 623009- GW-1, 623009-GW-2, 623009- GW-5, 623009-GW-7, Trip Blank	VOCs	%R of chloroform < QC limit in LCS.	Qualify detected results 'J' and non-detected results 'UJ'.
Groundwater samples 623009- GW-1, 623009-GW-2, 623009- GW-7, Trip Blank	VOCs	CCAL %D > 20% for dichlorodifluoromethane, 1,2- dibromo-3-chloropropane, and 1,2,4-trichlorobenzene.	Qualify non-detected results 'UJ'.
Groundwater sample 623009-GW-5 (undiluted analysis only)	VOCs	%R of IS fluorobenzene, chlorobenzene-d5, and 1,4- dichlorobenzene-d4 < QC limit.	Qualify detected results 'J' and non-detected results 'UJ'.
Groundwater sample 623009-GW-5 (undiluted analysis only)	VOCs	Results exceeded calibration range for methylene chloride, 1,1-dichloroethane, and tetrachloroethene	Change 'E' qualifier applied by laboratory to 'J'.
Soil gas samples 623009-V-01S, 623009-V-02S, 623009-V-04S, 623009-V-08S	VOCs	Analyzed outside of the 7-day (from VTSR) technical holding time for polar VOCs [i.e., acetone, 2-butanone, 4-methyl-2-pentaone, (MIBK), and 2-hexanone].	Qualify detected results 'J' and non-detected results 'UJ'.
Soil gas samples 20060727-FD- 1 (623009-V-07S), 623009-V- 05S, 623009-V-06S, 623009-V- 07S, 623009-V-09S, 623009-V- 10S, 623009-V-11S	VOCs	CCAL %D > 25% for acetone.	Qualify detected results 'J' and non-detected results 'UJ'.
Soil gas samples 20060727-FD-1 (623009-V-7S), 623009-V-01S, 623009-V-02S, 623009-V-04S, 623009-V-05S, 623009-V-06S, 623009-V-07S, 623009-V-08S, 623009-V-09S, 623009-V-10S, 623009-V-11S	VOCs	Analyzed as TICs: bromoform, methyl acetate, methylcyclohexane, isopropylbenzene, and 1,2- dibromo-3-chloropropane.	Qualify detected results 'NJ' and non-detected results 'UJ'.

Location ID Sample ID Matrix			GW-01	GW-02	GW-05	GW-07	
			623009-GW-1	623009-GW-2	623009-GW-5	623009-GW-7	
			Groundwater	Groundwater	Groundwater	Groundwater	
Depth Interval (f	t)			-	-	-	
Date Sampled		·	07/25/06	07/25/06	07/25/06	07/25/06	
Parameter	Units	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	12	5 U	34,000 D	1,800 D	
1,1,2,2-Tetrachloroethane	UG/L	5	5 U	5 U	5 UJ	5 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	5 U	5 U	31,000 D	430 D	
1,1,2-Trichloroethane	UG/L	1	5 U	5 U	5 UJ	\bigcirc 4 J	
1,1-Dichloroethane	UG/L	5	4 J	5 U	2,500 J	2,700 D	
1,1-Dichloroethene	UG/L	5	5 U	5 U	5 UJ	130	
1,2,4-Trichlorobenzene	UG/L	5	5 UJ	5 UJ	5 UJ	5 UJ	
1,2-Dibromo-3-chloropropane	UG/L	0.04	5 UJ	5 UJ	5 UJ	5 UJ	
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	5 U	5 U	5 UJ	5 U	
1,2-Dichlorobenzene	UG/L	3	5 U	5 U	5 UJ	5 U	
1,2-Dichloroethane	UG/L	0.6	5 U	5 U	19 J	$\bigcirc 15 \bigcirc$	
1,2-Dichloroethene (cis)	UG/L	5	5 U	5 U	5 J	$\bigcirc \ ^{\circ} \bigcirc$	
1,2-Dichloroethene (trans)	UG/L	5	5 U	5 U	5 UJ	5 U	
1,2-Dichloropropane	UG/L	1	5 U	5 U	5 UJ	5 U	
1,3-Dichlorobenzene	UG/L	3	5 U	5 U	5 UJ	5 U	
1,3-Dichloropropene (cis)	UG/L	0.4	5 U	5 U	5 UJ	5 U	
1,3-Dichloropropene (trans)	UG/L	0.4	5 U	5 U	5 UJ	5 U	
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	5 UJ	5 U	
2-Hexanone	UG/L	50	5 U	5 U	5 UJ	5 U	
4-Methyl-2-pentanone	UG/L	50	5 U	5 U	5 UJ	5 U	
Acetone	UG/L	50	5 U	5 U	5 UJ	5 U	
Benzene	UG/L	1	5 U	5 U	1 J	5 U	

^{*-} NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

Made By AMK 10/24/06

Checked By JJL 10/24/06

Location ID Sample ID Matrix			GW-01	GW-02	GW-05	GW-07
			623009-GW-1	623009-GW-2 Groundwater	623009-GW-5	623009-GW-7
			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (07/25/06	07/25/06	07/25/06	07/25/06
Date Sampled	T		07/25/06	07/25/06	07/25/06	07725/06
Parameter	Units	*				
Volatile Organic Compounds						
Bromodichloromethane	UG/L	50	5 U	5 U	5 UJ	5 U
Bromoform	UG/L	50	5 U	5 U	5 UJ	5 U
Bromomethane	UG/L	5	5 U	5 U	5 UJ	5 U
Carbon disulfide	UG/L	60	5 U	5 U	5 UJ	5 U
Carbon tetrachloride	UG/L	5	5 U	5 U	5 UJ	5 U
Chlorobenzene	UG/L	5	5 U	5 U	5 UJ	5 U
Chloroethane	UG/L	5	5 U	5 U	41 J	3,300 D
Chloroform	UG/L	7	5 UJ	5 UJ	5 UJ	5 UJ
Chloromethane	UG/L	5	5 U	5 U	5 UJ	5 U
Cyclohexane	UG/L	50	5 U	5 U	5 UJ	5 U
Dibromochloromethane	UG/L	50	5 U	5 U	5 UJ	5 UJ
Dichlorodifluoromethane	UG/L	5	5 UJ	5 UJ	5 UJ	5 UJ
Ethylbenzene	UG/L	5	5 U	5 U	2,500 DJ	5 U
Isopropylbenzene (Cumene)	UG/L	5	5 U	5 U	8 J	5 U
Methyl acetate	UG/L	50	5 U	5 U	5 UJ	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	5 U	5 U	24 J	62
Methyl tert-butyl ether	UG/L	10	5 U	5 U	5 UJ	5 U
Methylcyclohexane	UG/L	50	5 U	5 U	8 J	5 U
Methylene chloride	UG/L	5	5 U	5 U	520 J	5 U
Styrene	UG/L	5	5 U	5 U	5 UJ	5 U
Tetrachloroethene	UG/L	5	5 U	5 U	570 J	5 U
Toluene	UG/L	5	5 U	5 U	45 J	5

^{*-} NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

Made By AMK 10/24/06

Location ID			GW-01	GW-02	GW-05	GW-07	
Sample ID)		623009-GW-1	623009-GW-2	623009-GW-5	623009-GW-7	
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	
Depth Interva	l (ft)		•	-	•	-	
Date Sampl	ed		07/25/06	07/25/06	07/25/06	07/25/06	
Parameter	Units	*				-	
Volatile Organic Compounds							
Trichloroethene	UG/L	5	5 U	5 U	15 J	4 J	
Trichlorofluoromethane	UG/L	5	5 U	5 U	5 UJ	5 U	
Vinyl chloride	UG/L	2	5 U	5 U	5 UJ	5 U	
Xylene (total)	UG/L	5	5 U	5 U	11,000 DJ	5 U	

Flags assigned during chemistry validation are shown.

Concentration Exceeds

Made By AMK 10/24/06

^{*-} NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Location ID		V-01S	V-02S	V-04S	V-05S	V-06S
Sample ID		623009-V-01S	623009-V-02S	623009-V-04S	623009-V-05S	623009-V-06S
Matrix		Soil Gas				
Depth Interval (ft)		•	-	-	•	-
Date Sampled		07/26/06	07/26/06	07/26/06	07/27/06	07/27/06
Parameter	Units					
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/M3	320	0.6	300	67,000	81
1,1,2,2-Tetrachloroethane	UG/M3	0.6 U	0.6 U	5.6 U	7.0 U	7.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/M3	4.8	0.9	6.0 U	350,000	740
1,1,2-Trichloroethane	UG/M3	0.5 U	0.5 U	4.4 U	5.5 U	5.5 U
1,1-Dichloroethane	UG/M3	80	0.4 U	3.7	2,800	880
1,1-Dichloroethene	UG/M3	0.4 U	0.4 U	3.2 U	1,300	740
1,2,4-Trichlorobenzene	UG/M3	0.6 U	0.6 U	6.0 U	7.5 U	7.5 U
1,2-Dibromo-3-chloropropane	UG/M3	0.51 UJ	0.51 UJ	5.1 UJ	6.4 UJ	6.4 UJ
1,2-Dibromoethane (Ethylene dibromide)	UG/M3	0.6 U	0.6 U	6.0 U	7.5 U	7.5 U
1,2-Dichlorobenzene	UG/M3	0.5 U	0.5 U	4.8 U	6.0 U	6.0 U
1,2-Dichloroethane	UG/M3	0.4 U	0.4 U	3.2 U	4.0 U	4.0 U
1,2-Dichloroethene (cis)	UG/M3	0.4 U	0.4 U	3.2 U	6.5	1,800
1,2-Dichloroethene (trans)	UG/M3	0.4 U	0.4 U	3.2 U	4.0 U	67
1,2-Dichloropropane	UG/M3	0.4 U	0.4 U	3.6 U	4.5 U	4.5 U
1,3-Dichlorobenzene	UG/M3	0.5 U	0.5 U	4.8 U	6.0 U	6.0 U
1,3-Dichloropropene (cis)	UG/M3	0.4 U	0.4 U	3.6 U	4.5 U	4.5 U
1,3-Dichloropropene (trans)	UG/M3	0.4 U	0.4 U	3.6 U	4.5 U	4.5 U
1,4-Dichlorobenzene	UG/M3	0.5 U	0.5 U	4.8 U	6.0 U	6.0 U
2-Hexanone	UG/M3	0.4 UJ	0.4 UJ	3.2 UJ	4.0 U	4.0 U
4-Methyl-2-pentanone	UG/M3	0.4 UJ	0.4 UJ	3.2 UJ	4.0 U	4.0 U
Acetone	UG/M3	92 J	180 J	2.0 UJ	2.5 UJ	2.5 UJ
Benzene	UG/M3	800	630	44	1,100	70
Bromodichloromethane	UG/M3	0.6 U	0.6 U	5.2 U	6.5 U	6.5 U

Flags assigned during chemistry validation are shown.

Location ID		V-01S	V-02S	V-04S	V-05S	V-06S
Sample ID		623009-V-01S	623009-V-02S	623009-V-04S	623009-V-05S	623009-V-06S
Matrix		Soil Gas				
Depth Interval (ft)		•	-	-	-	-
Date Sampled		07/26/06	07/26/06	07/26/06	07/27/06	07/27/06
Parameter	Units					
Volatile Organic Compounds						
Bromoform	UG/M3	1.0 UJ	1.0 UJ	8.0 UJ	10 UJ	10 UJ
Bromomethane	UG/M3	0.4 U	0.4 U	3.2 U	4.0 U	4.0 U
Carbon disulfide	UG/M3	68	98	20	3.0 U	23
Carbon tetrachloride	UG/M3	0.6 U	0.6 U	5.2 U	6.5 U	6.5 U
Chlorobenzene	UG/M3	0.4 U	0.4 U	3.6 U	9.9	4.5 U
Chloroethane	UG/M3	0.2 U	0.2 U	2.0 U	42	16,000
Chloroform	UG/M3	7.3	3.9	4.0 U	5.0 U	5.0 U
Chloromethane	UG/M3	13	0.6	35	2.0 U	2.0 ∪
Cyclohexane	UG/M3	10	0.3 U	2.8 U	28	240
Dibromochloromethane	UG/M3	0.7 U	0.7 U	6.8 U	8.5 U	8.5 U
Dichlorodifluoromethane	UG/M3	0.5	0.4 U	4.0 U	5.0 U	5.0 U
Ethylbenzene	UG/M3	300	460	54	750	220
Isopropylbenzene (Cumene)	UG/M3	2.6 NJ	3.1 NJ	5.1 UJ	14 NJ	6.4 UJ
Methyl acetate	UG/M3	0.51 UJ	0.51 UJ	5.1 UJ	6.4 UJ	6.4 UJ
Methyl ethyl ketone (2-Butanone)	UG/M3	6.7 J	20 J	9.4 J	9.4	5.5
Methyl tert-butyl ether	UG/M3	3.6	6.5	2.8 U	18	3.5 U
Methylcyclohexane	UG/M3	24 NJ	8.2 NJ	21 NJ	167 NJ	780 NJ
Methylene chloride	UG/M3	0.3 U	1.4	11	230	3.5 U
Styrene	UG/M3	2.0	1.3	3.6 U	4.5 U	4.5 U
Tetrachloroethene	UG/M3	3.0	1.5	5.6 U	190	14
Toluene	UG/M3	2,800	3,000	270	4,700	690
Trichloroethene	UG/M3	0.5 U	0.5 U	4.4 U	10	61
Trichlorofluoromethane	UG/M3	0.7	1.4	4.4 U	5.5 U	5.5 U

Flags assigned during chemistry validation are shown.

Location ID		V-01S	V-02S	V-04S	V-05S	V-06S
Sample ID		623009-V-01S	623009-V-02S	623009-V-04S	623009-V-05S	623009-V-06S
Matrix		Soil Gas				
Depth Interval (ft)		-	-	-	•	-
Date Sampled	-	07/26/06	07/26/06	07/26/06	07/27/06	07/27/06
Parameter	Units					
Volatile Organic Compounds						
/inyl chloride	UG/M3	0.2 U	0.2 U	2.0 U	2.5 U	590
Kylene (total)	UG/M3	650	900	138	1,020	560

Flags assigned during chemistry validation are shown.

Location ID		V-07S	V-07S	V-08S	V-09S	V-10S
Sample ID		20060727-FD-1	623009-V-07S	623009-V-08S	623009-V-09S	623009-V-10S
Matrix		Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Depth Interval (ft)	·	-	-	-	•	-
Date Sampled		07/27/06	07/27/06	07/27/06	07/26/06	07/26/06
Parameter	Units	Field Duplicate (1-1)			=	
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/M3	36,000	43,000	8.8 U	1,400	830
1,1,2,2-Tetrachloroethane	UG/M3	7.0 U	7.0 U	12 U	0.6 U	0.6 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/M3	120,000	150,000	12 U	0.6 U	15
1,1,2-Trichloroethane	UG/M3	21	18	8.8 U	0.5 U	0.5 U
1,1-Dichloroethane	UG/M3	3,700	4,900	6.4 U	230	340
1,1-Dichloroethene	UG/M3	1,400	1,900	6.4 U	0.4 U	0.4 U
1,2,4-Trichlorobenzene	UG/M3	7.5 U	7.5 U	12 U	0.6 U	0.6 U
1,2-Dibromo-3-chloropropane	UG/M3	6.4 UJ	6.4 UJ	10.2 UJ	0.51 UJ	0.51 UJ
1,2-Dibromoethane (Ethylene dibromide)	UG/M3	7.5 U	7.5 U	12 U	0.6 U	0.6 U
1,2-Dichlorobenzene	UG/M3	6.0 U	6.0 U	9.6 U	0.6	0.5
1,2-Dichloroethane	UG/M3	5.5	4.0 U	6.4 U	0.4 U	0.4 U
1,2-Dichloroethene (cis)	UG/M3	170	150	6.4 U	0.4 U	0.9
1,2-Dichloroethene (trans)	UG/M3	4.0 U	4.0 U	6.4 U	0.4 U	0.4 U
1,2-Dichloropropane	UG/M3	4.5 U	4.5 U	7.2 U	0.4 U	0.4 U
1,3-Dichlorobenzene	UG/M3	6.0 U	6.0 U	9.6 U	0.5 U	0.5 U
1,3-Dichloropropene (cis)	UG/M3	4.5 U	4.5 U	7.2 U	0.4 U	0.4 U
1,3-Dichloropropene (trans)	UG/M3	4.5 U	4.5 U	7.2 U	0.4 U	0.4 U
1,4-Dichlorobenzene	UG/M3	6.0 U	6.0 U	9.6 U	0.5 U	0.5 U
2-Hexanone	UG/M3	4.0 U	4.0 U	6.4 UJ	0.4 U	0.4 U
4-Methyl-2-pentanone	UG/M3	4.0 U	4.0 U	6.4 UJ	0.4 U	0.4 U
Acetone	UG/M3	2.5 UJ	2.5 UJ	89 J	0.2 UJ	90 J
Benzene	UG/M3	360	310	29	12	18
Bromodichloromethane	UG/M3	6.5 U	6.5 U	11 U	0.6 U	0.6 U

Flags assigned during chemistry validation are shown.

Location ID		V-07S	V-07S	V-08S	V-09S	V-10S
Sample ID		20060727-FD-1	623009-V-07S	623009-V-08S	623009-V-09S	623009-V-10S
Matrix		Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/27/06	07/27/06	07/27/06	07/26/06	07/26/06
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
Bromoform	UG/M3	10 UJ	10 UJ	16 UJ	1.0 UJ	1.0 UJ
Bromomethane	UG/M3	4.0 U	4.0 U	6.4 U	0.4 U	0.4 U
Carbon disulfide	UG/M3	3.0 U	3.0 U	4.8 U	0.3 U	10
Carbon tetrachloride	UG/M3	6.5 U	6.5 U	11. U	0.6 U	0.6 U
Chlorobenzene	UG/M3	4.5 U	4.5 U	7.2 U	0.4 U	0.8
Chloroethane	UG/M3	420	400	4.0 U	0.2 U	52
Chloroform	UG/M3	7.5	6.8	8.0 U	0.4 U	1.5
Chloromethane	UG/M3	2.0 U	2.0 U	3.3	0.2 U	0.2 U
Cyclohexane	UG/M3	17	3.5 U	5.6 U	0.3 U	0.3 U
Dibromochloromethane	UG/M3	8.5 U	8.5 U	14 U	0.7 U	0.7 U
Dichlorodifluoromethane	UG/M3	7.7	5.0 U	8.0 U	0.4 U	0.4 U
Ethylbenzene	UG/M3	180	150	15	67	86
Isopropylbenzene (Cumene)	UG/M3	6.4 UJ	6.4 UJ	10.2 UJ	2.6 NJ	3.2 NJ
Methyl acetate	UG/M3	6.4 UJ	6.4 UJ	10.2 UJ	0.51 UJ	0.51 UJ
Methyl ethyl ketone (2-Butanone)	UG/M3	4.6	3.0 U	11 J	0.3 U	7.5
Methyl tert-butyl ether	UG/M3	3.5 U	3.5 U	5.6 U	0.3 U	0.3 U
Methylcyclohexane	UG/M3	34 NJ	30 NJ	10.2 UJ	2.1 NJ	8.9 NJ
Methylene chloride	UG/M3	3.5 U	3.5 U	21	0.3 U	1.5
Styrene	UG/M3	4.5 U	4.5 U	7.2 U	3.1	4.9
Tetrachloroethene	UG/M3	1,800	1,600	12 U	13	9.2
Toluene	UG/M3	1,500	1,400	110	210	290
Trichloroethene	UG/M3	490	430	8.8 U	1.2	1.6
Trichlorofluoromethane	UG/M3	5.5 U	5.5 U	8.8 U	1.8	0.5 U

Flags assigned during chemistry validation are shown.

Location ID		V-07S	V-07S	V-08S	V-09S	V-10S
Sample ID		20060727-FD-1	623009-V-07S	623009-V-08S	623009-V-09S	623009-V-10S
Matrix		Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Depth Interval (ft)		-	•	-	•	-
Date Sampled		07/27/06	07/27/06	07/27/06	07/26/06	07/26/06
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
/inyl chloride	UG/M3	2.5 U	2.5 U	4.0 U	0.2 U	0.2 U
(ylene (total)	UG/M3	420	360	40	227	280

. Flags assigned during chemistry validation are shown.

Location ID		V-11S
Sample ID	623009-V-11S	
Matrix	Soil Gas	
Depth Interval (ft)		•
Date Sampled		07/26/06
Parameter	Units	
Volatile Organic Compounds		
1,1,1-Trichloroethane	UG/M3	21
1,1,2,2-Tetrachloroethane	UG/M3	0.6 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/M3	0.6 U
1,1,2-Trichloroethane	UG/M3	0.5 U
1,1-Dichloroethane	UG/M3	0.4 U
1,1-Dichloroethene	UG/M3	0.4 U
1,2,4-Trichlorobenzene	UG/M3	0.6 U
1,2-Dibromo-3-chloropropane	UG/M3	0.51 UJ
1,2-Dibromoethane (Ethylene dibromide)	UG/M3	0.6 U
1,2-Dichlorobenzene	UG/M3	0.5 U
1,2-Dichloroethane	UG/M3	0.4 U
1,2-Dichloroethene (cis)	UG/M3	0.4 U
1,2-Dichloroethene (trans)	UG/M3	0.4 U
1,2-Dichloropropane	UG/M3	0.4 U
1,3-Dichlorobenzene	UG/M3	0.5 U
1,3-Dichloropropene (cis)	UG/M3	0.4 U
1,3-Dichloropropene (trans)	UG/M3	0.4 U
1,4-Dichlorobenzene	UG/M3	0.5 U
2-Hexanone	UG/M3	0.4 U
4-Methyl-2-pentanone	UG/M3	0.4 U
Acetone	UG/M3	0.2 UJ
Benzene	UG/M3	77
Bromodichloromethane	UG/M3	0.6

Flags assigned during chemistry validation are shown.

. Location ID	V-11S	
Sample ID	623009-V-11S	
Matrix		Soil Gas
Depth Interval (ft)	•	
Date Sampled		07/26/06
Parameter	Units	
Volatile Organic Compounds		
Bromoform	UG/M3	1.0 UJ
Bromomethane	UG/M3	0.4 U
Carbon disulfide	UG/M3	0.3 U
Carbon tetrachloride	UG/M3	0.6 U
Chlorobenzene	UG/M3	0.4 U
Chloroethane	UG/M3	0.2 U
Chloroform	UG/M3	0.4 U
Chloromethane	UG/M3	0.2 U
Cyclohexane	UG/M3	3.2
Dibromochloromethane	UG/M3	0.7 U
Dichlorodifluoromethane	UG/M3	0.4 U
Ethylbenzene	UG/M3	52
Isopropylbenzene (Cumene)	UG/M3	0.70 NJ
Methyl acetate	UG/M3	0.51 UJ
Methyl ethyl ketone (2-Butanone)	UG/M3	0.3 U
Methyl tert-butyl ether	UG/M3	0.3 U
Methylcyclohexane	UG/M3	5.4 NJ
Methylene chloride	UG/M3	0.3 U
Styrene	UG/M3	0.5
Tetrachloroethene	UG/M3	0.6 U
Toluene	UG/M3	460
Trichloroethene	UG/M3	0.5 U
Trichlorofluoromethane	UG/M3	0.5 U

Flags assigned during chemistry validation are shown.

Location ID	V-11S 623009-V-11S Soil Gas	
Sample ID		
Matrix		
Depth Interval (ft)		
Date Sampled	07/26/06	
Parameter	Units	
Volatile Organic Compounds		
Vinyl chloride	UG/M3	0.2 U
Xylene (total)	UG/M3	28

Flags assigned during chemistry validation are shown.

Location ID	FIELDQC	
Sample ID	TRIP BLANK	
Matrix	Water Quality	
Depth Interval (ft)	-	•
Date Sampled		07/25/06
Parameter	Units	Trip Blank (1-1)
Volatile Organic Compounds		
1,1,1-Trichloroethane	UG/L	5 U
1,1,2,2-Tetrachloroethane	UG/L	5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5 U
1,1,2-Trichloroethane	UG/L	5 U
1,1-Dichloroethane	UG/L	5 U
1,1-Dichloroethene	UG/L	5 U
1,2,4-Trichlorobenzene	UG/L	5 UJ
1,2-Dibromo-3-chloropropane	UG/L	5 UJ
1,2-Dibromoethane (Ethylene dibromide)	UG/L	5 U
1,2-Dichlorobenzene	UG/L	5 U
1,2-Dichloroethane	UG/L	5 U
1,2-Dichloroethene (cis)	UG/L	5 U
1,2-Dichloroethene (trans)	UG/L	5 U
1,2-Dichloropropane	UG/L	5 U
1,3-Dichlorobenzene	UG/L	5 U
1,3-Dichloropropene (cis)	UG/L	5 U
1,3-Dichloropropene (trans)	UG/L	5 U
1,4-Dichlorobenzene	UG/L	5 U
2-Hexanone	UG/L	5 U
4-Methyl-2-pentanone	UG/L	5 U
Acetone	UG/L	5 U
Benzene	UG/L	5 U
Bromodichloromethane	UG/L	5 U

Flags assigned during chemistry validation are shown.

Location ID	FIELDQC	
Sample ID	TRIP BLANK	
Matrix	Water Quality	
Depth Interval (ft)		-
Date Sampled Parameter	 ,	07/25/06 Trip Blank (1-1)
rarameter	Units	TTP DIATK (1-1)
Volatile Organic Compounds		
Bromoform	UG/L	5 U
Bromomethane	UG/L	5 U
Carbon disulfide	UG/L	5 U
Carbon tetrachloride	UG/L	5 U
Chlorobenzene	UG/L	5 U
Chloroethane	UG/L	5 U
Chloroform	UG/L	2 J
Chloromethane	UG/L	5 U
Cyclohexane	UG/L	5 U
Dibromochloromethane	UG/L	5 U
Dichlorodifluoromethane	UG/L	5 UJ
Ethylbenzene	UG/L	5 U
Isopropylbenzene (Cumene)	UG/L	5 U
Methyl acetate	UG/L	5 U
Methyl ethyl ketone (2-Butanone)	UG/L	5 U
Methyl tert-butyl ether	UG/L	5 U
Methylcyclohexane	UG/L	5 U
Methylene chloride	UG/L	5 U
Styrene	UG/L	5 U
Tetrachloroethene	UG/L	5 U
Toluene	UG/L	5 U
Trichloroethene	UG/L	5 U
Trichlorofluoromethane	UG/L	5 U

Flags assigned during chemistry validation are shown.

Location ID	FIELDQC TRIP BLANK Water Quality - 07/25/06	
Sample ID		
Matrix		
Depth Interval (ft)		
Date Sampled		
Parameter	Units	Trip Blank (1-1)
Volatile Organic Compounds		
Vinyl chloride	UG/L	5 U
Xylene (total)	UG/L	5 U

Flags assigned during chemistry validation are shown.

ATTACHMENT A VALIDATED FORM 1's



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 36 of 56

Project Location: BOWMAX Date Received:

Purchase Order No.: -

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

7/28/2006

Field Sample #: 623009-V-01S

Job Number: 11174772-00002

Sample ID:

06B24288

Sampled: 7/26/2006

Sample Matrix:

AIR

NOT SPECIFIED

Sample Medium : SUMMA

	Units	Units Results Date Analy Analyzed	Analyst	Analyst RL	SPEC Limit P/F		
					Lo Hi		
Acetone	ug/m3	92. 5	08/07/06	WSD	0.2		
Benzene	ug/m3	800	08/07/06	WSD	0.2		
Bromodichloromethane	ug/m3	ND	08/07/06	WSD	0.6		
Bromomethane	ug/m3	ND	08/07/06	WSD	0.4		
2-Butanone (MEK)	ug/m3	6.7	08/07/06	WSD	0.2		
Carbon Disulfide	ug/m3	68.	08/07/06	WSD	0.2		
Carbon Tetrachloride	ug/m3	ND	08/07/06	WSD	0.6		
Chlorobenzene	ug/m3	ND	08/07/06	WSD	0.4		
Chlorodibromomethane	ug/m3	ND	08/07/06	WSD	0.7		
Chloroethane	ug/m3	ND	08/07/06	WSD	0.2		
Chloroform	ug/m3	7.3	08/07/06	WSD	0.4		
Chloromethane	ug/m3	13.	08/07/06	WSD	0.2		
Cyclohexane	ug/m3	10.	08/07/06	WSD	0.3		
1,2-Dibromoethane	ug/m3	ND	08/07/06	WSD	0.6		
1,2-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	0.5		
1,3-Dichlorobenzene	ug/m3	ND	08/07/06	W\$D	0.5		
1,4-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	0.5		
Dichlorodifluoromethane	ug/m3	0.5	08/07/06	WSD	0.4		
1,1-Dichloroethane	ug/m3	80.	08/07/06	WSD	0.3		
1,2-Dichloroethane	ug/m3	ND	08/07/06	WSD	0.4		
1,1-Dichloroethylene	ug/m3	ND	08/07/06	WSD	0.4		
cis-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	0.4		
t-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	0.4		
1,2-Dichloropropane	ug/m3	ND	08/07/06	WSD	0.4		
cis-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	0.4		
trans-1,3-Dichloropropene	ug/m3	NO	08/07/06	WSD	0.4		
Ethylbenzene	ug/m3	300	08/07/06	WSD	0.4		
2-Hexanone	ug/m3	ND (T	08/07/06	WSD	0.4		· ·
Methyl tert-Butyl Ether (MTBE)	ug/m3	3.6	08/07/06	WSO	0.3		· ex-
Methylene Chloride	ug/m3	0.3	08/07/06	WSD	0.3		1. 7.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION

77 GOODELL STREET

Contract: -

8/16/2006

Page 37 of 56

BUFFALO, NY 14203

Project Location: BOWMAX

Project Number: 11174772-00002

Date Received:

7/28/2006

LIMS-BAT#: LIMS-98896

Jet States

Job Number: 11174772-00002

Field Sample #: 623009-V-018 Sample ID:

06B24288

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/ F
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND CSS	08/07/06	WSD	0.4		<u>-</u> -	
Styrene	ug/m3	2.0	08/07/06	WSD	0.4			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/07/06	W\$D	0.6			
Tetrachloroethylene	ug/m3	3.0	08/07/06	WSD	0.6			
Toluene	ug/m3	2800	08/07/06	WSD	0.3			
1,2,4-Trichlorobenzene	ug/m3	ND	08/07/06	WSD	0.6			
1,1,1-Trichloroethane	ug/m3	320	08/07/06	WSD	0.4			
1,1,2-Trichloroethane	ug/m3	ND	08/07/06	WSD	0.5			
Trichloroethylene	ug/m3	ND	08/07/06	WSD	0.5			
Trichlorofluoromethane	ug/m3	0.7	08/07/06	WSD	0.4			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	4.8	08/07/06	WSD	0.6			
Vinyl Chloride	ug/m3	ND	08/07/06	W\$D	0.2			
m/p-Xylene	ug/m3	420	08/07/06	WSD	0.4			
o-Xylene	ug/m3	230	08/07/06	WSD	0.4			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

 $^{^\}star=$ See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET

Contract: -

8/16/2006

Page 2 of 56

BUFFALO, NY 14203 Project Location:

BOWMAX

Purchase Order No.: -

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Date Received: Field Sample #: 623009-V-01S

7/28/2006

Sample ID: 06B24288

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium

: SUMMA

Units

Results

Date Analyst RL

SPEC Limit

Hi

Lo

P/F

SPECIAL TEST

Analyzed 08/07/06 WSD

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND US	0.1	1.
Methyl Acetate	ND	ND \mathcal{L}	0.17	0.51
Methylcyclohexane	6.0*	24. 5	0.13	0.51
Isopropylbenzene	0.53	2.6 5	0.10	0.51
1,2-Dibromo-3-Chloropropane	• ND	ND 💢	0.05	0.51

^{* =} Quantitated over Verified Linear Calibration Range ND= Not Detected

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

Contract: -

8/16/2006

Page 38 of 56

BUFFALO, NY 14203

Project Location: BOWMAX

Date Received:

7/28/2006

Project Number: 11174772-00002 LIMS-BAT#: LIMS-98896

Field Sample #: 623009-V-02S

Sample ID:

Sampled: 7/26/2006

Job Number: 11174772-00002

Sample Matrix:

06B24289

AJR

NOT SPECIFIED

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hj	
Acetone	ug/m3	180 🏂	08/07/06	WSD	0.2			
Benzene	ug/m3	630	08/07/06	WSD	0.2			
Bromodichloromethane	ug/m3	ND	08/07/06	WSD	0.6			
Bromomethane	ug/m3	ND	08/07/06	WSD	0.4			
2-Butanone (MEK)	ug/m3	20.	08/07/06	WSD	0.2			
Carbon Disulfide	ug/m3	98.	08/07/06	WSD	0.2			
Carbon Tetrachloride	ug/m3	ND	08/07/06	WSD	0.6			
Chlorobenzene	ug/m3	ND	08/07/06	WSD	0.4			
Chlorodibromomethane	ug/m3	ND	08/07/06	WSD	0.7			
Chloroethane	ug/m3	ND	08/07/06	WSD	0.2			
Chloroform	ug/m3	3.9	08/07/06	WSD	0.4			
Chloromethane	ug/m3	0.6	08/07/06	WSD	0.2			
Cyclohexane	ug/m3	ND	08/07/06	WSD	0.3			
1,2-Dibromoethane	ug/m3	ND	08/07/06	W\$D	0.6			
1,2-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	0.5			
1,3-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	0.5			
f,4-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	0.5			
Dichlorodifluoromethane	ug/m3	ND	08/07/06	WSD	0.4			
I,1-Dichloroethane	ug/m3	ND	08/07/06	WSD	0.4			
1,2-Dichloroethane	ug/m3	ND	08/07/06	WSD	0.4			
1,1-Dichloroethylene	ug/m3	ND	08/07/06	WSD	0.4			
is-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	0.4			
-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	0.4			
,2-Dichloropropane	ug/m3	ND	08/07/06	WSD	0.4			
sis-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	0.4			
rans-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	0.4			
thylbenzene	ug/m3	460	08/07/06	WSD	0.4			
-Hexanone	ug/m3	ND ♂⇒	08/07/06	WSD	0.4			
Methyl tert-Butyl Ether (MTSE)	ug/m3	6.5	08/07/06	WSD	0.3			
Methylene Chloride	ug/m3	1.4	08/07/06	WSD	0.3			
DI = Departing Line		_						- X

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results. Commence

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET BUFFALO, NY 14203

Contract: -Purchase Order No.: -

ug/m3

ug/m3

8/16/2006

Page 39 of 56

Project Location: BOWMAX

Project Number: 11174772-00002

Date Received:

7/28/2006

LIMS-BAT#: LIMS-98896

Field Sample #: 623009-V-02S

Sampled: 7/26/2006

Job Number: 11174772-00002

Sample ID:

06B24289

NOT SPECIFIED

Sample Medium : SUMMA

Sample Matrix:

AIR

	Units	Results	Date	Analyst	RL,	SPE	C Limit	_imit P/ F		
			Analyzed			Lo	Hi			
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND U.S	08/07/06	WSD	0.4					
Styrene	ug/m3	1.3	08/07/06	WSD	0.4					
1,1,2,2-Tetrachioroethane	ug/m3	ND	08/07/06	WSD	0.6					
Tetrachloroethylene	ug/m3	1.5	08/07/06	WSD	0.6					
Toluene	ug/m3	3000	08/07/06	WSD	0.3					
1,2,4-Trichlarabenzene	ug/m3	ND	08/07/06	WSD	0.6					
1,1,1-Trichloroethane	ug/m3	0.6	08/07/06	WSD	0.4					
1,1,2-Trichloroethane	ug/m3	ND	08/07/06	WSD	0.5					
Trichloroethylene	ug/m3	ND	08/07/06	WSD	0.5					
Trichlorofluoromethane	ug/m3	1,4	08/07/06	WSD	0.4					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	0.9	08/07/06	WSD	0.6					
Vinyl Chloride	ug/m3	ND	08/07/06	WSD	0.2					

08/07/06

08/07/06

WSD

WSD

0.4

Analytical Method:

EPA TO-15

m/p-Xylene

o-Xylene

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

590

310

CALIBROGE

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

 $^{^*}$ = See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 3 of 56

BOWMAX

Project Number: 11174772-00002

Project Location:

LIMS-BAT #: LIMS-98896

Date Received:

7/28/2006

Field Sample #: 623009-V-02S

Sampled: 7/26/2006

Job Number: 11174772-00002

Sample ID :

06B24289

NOT SPECIFIED

Units

Purchase Order No.: -

Sample Matrix:

AIR

Sample Medium : SUMMA Results

Date Analyst SPEC Limit

P/F

SPECIAL TEST

08/07/06

Analyzed

RL

WSD

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND 💍 🖰	5 0.1	1.
Methyl Acetate	ND	ND 👃	0.17	0.51
Methylcyclohexane	2.0	8.2 5	0.13	0.51
Isopropylbenzene	0.62	3.1 J	0.10	0.51
1,2-Dibromo-3-Chloropropane	e ND	ND US	0.05	0.51

ND= Not Detected

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD **URS CORPORATION** 77 GOODELL STREET BUFFALO, NY 14203

Contract: -

8/16/2006

Page 40 of 56

Date Received:

Project Location: BOWMAX

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

7/28/2006 Field Sample #: 623009-V-04S

Job Number: 11174772-00002

Sample ID:

06B24290

Sampled: 7/26/2006 NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC		P/F
Acetone			Analyzed			Lo	_ Hi 	
	ug/m3	ND U.S	08/07/06	WSD	2.0			
Benzene	ug/m3	44.	08/07/06	WSD	2.4			
Bromodichloromethane	ug/m3	ND	08/07/06	WSD	5.2			
Bromomethane	ug/m3	ND	08/07/06	WSD	3.2			
2-Butanone (MEK)	ug/m3	9.4 5	08/07/06	WSD	2.4			
Carbon Disulfide	ug/m3	20.	08/07/06	WSD	2.4			
Carbon Tetrachloride	ug/m3	ND	08/07/06	WSD	5.2			
Chlorobenzene	ug/m3	ND	08/07/06	WSD	3.6			
Chlorodibromomethane	ug/m3	ND	08/07/06	WSD	6.8			
Chloroethane	ug/m3	ND	08/07/06	WSD	2.0			
Chloroform	ug/m3	ND	08/07/06	WSD	4.0			
Chloromethane	ug/m3	35.	08/07/06	WSD	1.6			
Cyclohexane	ug/m3	ND	08/07/06	WSD	2.8			
,2-Dibromoethane	ug/m3	ND	08/07/06	WSD	6.0			
,2-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	4.8			
,3-Dichlorobenzene	ug/m3	ND	08/07/06	W\$D	4.8			
,4-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	4.8			
Dichlorodifluoromethane	ug/m3	ND	08/07/06	WSD	4.0			
,1-Dichloroethane	ug/m3	3.7	08/07/06	WSD	3.2			
,2-Dichloroethane	ug/m3	ND	08/07/06	WSD	3.2			
,1-Dichloroethylene	ug/m3	ND	08/07/06	WSD	3.2			
is-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	3.2			
1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	3.2			
,2-Dichloropropane	ug/m3	ND	08/07/06	WSD	3.6			
is-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	3.6			
ans-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	3.6			
thylberizene	ug/m3	54.	08/07/06	WSD	3.6			
-Hexanone	ug/m3	ND (5)	08/07/06					
ethyl tert-Butyl Ether (MTBE)	ug/m3	ND (;)		WSD	3.2			
ethylene Chloride	ug/m3	11.	08/07/06 08/07/06	WSD WSD	2.8 2.8			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{• =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET BUFFALO, NY 14203

Contract: -

Purchase Order No.: -

8/16/2006

Page 41 of 56

Project Number: 11174772-00002 LIMS-8AT #: LIMS-98896

Job Number: 11174772-00002

Project Location: BOWMAX Date Received:

7/28/2006

Field Sample #: 623009-V-04S

Sample ID:

06B24290

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix: AIR Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND US	08/07/06	WSD	3.2			
Styrene	ug/m3	NO	08/07/06	WSD	3.6			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/07/06	WSD	5.6			
Tetrachloroethylene	ug/m3	ND	08/07/06	W\$D	5. 6			
Toluene	ug/m3	270	08/07/06	WSD	3.2			
1,2,4-Trichlorobenzene	ug/m3	ND	08/07/06	WSD	6.0			
1,1,1-Trichloroethane	ug/m3	300	08/07/06	WSD	4.4			
1,1,2-Trichloroethane	ug/m3	ND	08/07/06	WSD	4.4			
Trichioroethylene	ug/m3	ND	08/07/06	WSD	4,4			
Trichlorofluoromethane	ug/m3	ND	08/07/06	WSD	4.4			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/07/06	WSD	6.0			
Vinyl Chloride	ug/m3	ND	08/07/06	WSD	2.0			
m/p-Xylene	ug/m3	87.	08/07/06	WSD	3.6			
o-Xylene	ug/m3	51.	08/07/06	WSD	3.6			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

GERSKE

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION

77 GOODELL STREET

Contract: -

8/16/2006

Page 4 of 56

BUFFALO, NY 14203

Project Location: BOWMAX

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Date Received:

7/28/2006

Job Number: 11174772-00002

Field Sample #: 623009-V-048 Sample ID:

06B24290

Sampled: 7/26/2006

Sample Matrix:

NOT SPECIFIED

Results

AIR

Sample Medium : SUMMA

Analyst

SPEC Limit

P/F

Units

Date Analyzed

RL

Lo Hi

SPECIAL TEST

08/07/06 WSD

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND ():5	0.8	8.
Methyl Acetate	ND	ND 1	1.6	5.1
Methylcyclohexane	5.1	21 🕤	1.3	5.1
Isopropylbenzene	ND	ND VZ	1.0	5.1
1,2-Dibromo-3-Chloropropane	. ND	ND 🕹	0.47	5.1

ND= Not Detected

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006 Page 42 of 56

Project Location: BOWMAX

7/28/2006

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Date Received:

Field Sample #: 623009-V-05S

Sample ID:

06B24293

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC L Lo	imit Hi	P/F
Acetone	ug/m3	ر .ن ND	08/04/06	WSD	2.5			 _
Benzene	ug/m3	1100	08/04/06	WSD	3.0			
Bromodichloromethane	ug/m3	ND	08/04/06	WSD	6.5			
Bromomethane	ug/m3	ND	08/04/06	WSD	4.0			
2-Butanone (MEK)	ug/m3	9.4	08/04/06	WSD	3.0			
Carbon Disulfide	ug/m3	ND	08/04/06	WSD	3.0			
Carbon Tetrachloride	ug/m3	ND	08/04/06	WSD	6.5			
Chlorobenzene	ug/m3	9.9	08/04/06	WSD	4.5			
Chlorodibromomethane	ug/m3	ND	08/04/06	WSD	8.5			
Chloroethane	ug/m3	42.	08/04/06	WSD	2.5			
Chloroform	ug/m3	ND	08/04/06	WSD	5.0			
Chloromethane	ug/m3	NĐ	08/04/06	WSD	2.0			
Cyclohexane	ug/m3	28.	08/04/06	WSD	3.5			
1,2-Dibromoethane	ug/m3	ND	08/04/06	WSD	7.5			
1,2-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0			
1,3-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0			
1,4-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0			
Dichlorodifluoromethane	ug/m3	ND	08/04/06	WSD	5.0			
1,1-Dichloroethane	ug/m3	2800	08/04/06	WSD	4.0			
1,2-Dichloroethane	ug/m3	ND	08/04/06	WSD	4.0			
1,1-Dichloroethylene	ug/m3	1300	08/04/06	WSD	4.0			
cis-1,2-Dichloroethylene	ug/m3	6.5	08/04/06	WSD	4.0			
t-1,2-Dichloroethylene	ug/m3	ND	08/04/06	WSD	4.0			
1,2-Dichloropropane	ug/m3	ND	08/04/06	WSD	4.5			
cis-1,3-Dichloropropene	ug/m3	ND	08/04/06	WSD	4.5			
trans-1,3-Dichloropropene	ug/m3	ND	08/04/06	WSD	4.5			
Ethylbenzene	ug/m3	750	08/04/06	W\$D	4.5			
2-Hexanone	ug/m3	ND	08/04/06	WSD	4.0			
Methyl tert-Butyl Ether (MTBE)	ug/m3	18.	08/04/06	WSD	3.5			1
Methylene Chloride	ug/m3	230	08/04/06	WSD	3.5		_ \	

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Project Number: 11174772-00002

Job Number: 11174772-00002

LIMS-BAT#: LIMS-98896

Page 43 of 56

Project Location: BOWMAX Date Received:

06B24293

7/28/2006

Field Sample #: 623009-V-05S

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

Sample ID:

AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/04/06	WSD	4.0			
Styrene	ug/m3	ND	08/04/06	WSD	4.5			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/04/06	WSD	7.0			
Tetrachloroethylene	ug/m3	190	08/04/06	WSD	7.0			
Toluene	ug/m3	4700	08/04/06	WSD	4.0			
1,2,4-Trichlorobenzene	ug/m3	ND	08/04/06	WSD	7.5			
1,1,1-Trichloroethane	ug/m3	67000	08/04/06	WSD	5.5			
1,1,2-Trichloroethane	ug/m3	ND	08/04/06	WSD	5.5			
Trichloroethylene	ug/m3	10.	08/04/06	WSD	5.5			
Trichlorofluoromethane	ug/m3	ND	08/04/06	WSD	5.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	350000	08/04/06	WSD	7.5			
Vinyl Chloride	ug/m3	ND	08/04/06	WSD	2.5			
m/p-Xylene	ug/m3	660	08/04/06	WSD	4.5			
o-Xylene	ug/m3	360	08/04/06	WSD	4.5			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 5 of 56

Project Location: BOWMAX

7/28/2006

Purchase Order No.: -

Project Number: 11174772-00002

Date Received:

LIMS-BAT #: LIMS-98896

Field Sample #: 623009-V-05S

Job Number: 11174772-00002

Sample ID:

06B24293

Sampled: 7/27/2006

NOT SPECIFIED

Sample Medium : SUMMA

Sample Matrix:

Units Results

Date Analyzed

Analyst

RL

SPEC Limit Lo Hi

P/F

SPECIAL TEST

08/04/06 WSD

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND US	1.	10.
Methyl Acetate	NĐ	ND 🔱	2.1	6.4
Methylcyclohexane	41*	167* 5	1.6	6.4
Isopropylbenzene	2.9	14 5	1.3	6.4
1,2-Dibromo-3-Chloropropane	e ND	ND US	0.59	6.4

^{* =} Quantitated over verified linear calibration range ND= Not Detected

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample

8/16/2006

Project Number: 11174772-00002

LIMS-BAT #:

Job Number:

Page 44 of 56

LIMS-98896

11174772-00002



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Project Location: BOWMAX Date Received: 7/28/2006

Field Sample #: 623009-V-06S

Sample ID :

06B24291

Sampled : 7/27/2006 NOT SPECIFIED

Contract: -

Sample Matrix: AIR

Sample Medium

: SUMMA

Units Results Date RL Analyst SPEC Limit P/F Analyzed Lo Hi Acetone ug/m3 ND 08/03/06 WSD 2.5 Benzene ug/m3 70. 08/03/06 WSD 3.0 Bromodichloromethane ug/m3 ND 08/03/06 6.5 WSD Bromomethane ND ug/m3 08/03/06 WSD 4.0 2-Butanone (MEK) ug/m3 5.5 08/03/06 WSD 3.0 Carbon Disulfide ug/m3 23. 08/03/06 WSD 3.0 Carbon Tetrachloride ug/m3 ND 08/03/06 WSD 6.5 Chlorobenzene ug/m3 ND 08/03/06 WSD 4.5 Chlorodibromomethane ND ug/m3 08/03/06 WSD 8.5 Chloroethane ug/m3 16000 08/03/06 W\$D 2.5 Chloroform ug/m3 ND 08/03/06 WSD 5.0 Chloromethane ug/m3 ND 08/03/06 WSD 2.0 Cyclohexane ua/m3 240 08/03/06 WSD 3.5 1,2-Dibromoethane ug/m3 ND 08/03/06 WSD 7.5 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 6.0 1,3-Dichlorobenzene ND ug/m3 08/03/06 WSD 6.0 1,4-Dichlorobenzene ug/m3 ND 08/03/06 W\$D 6.0 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 5.0 1,1-Dichloroethane ug/m3 880 08/03/06 WSD 4.0 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 4.0 1,1-Dichloroethylene ug/m3 740 08/03/06 WSD 4.0 cis-1,2-Dichloroethylene ug/m3 1800 08/03/06 WSD 4.0 t-1,2-Dichloroethylene ug/m3 67. 08/03/06 W\$D 4.0 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 4.5 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 4.5 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 W\$D 4.5 Ethylbenzene ug/m3 220 08/03/06 WSD 4.5 2-Hexanone ug/m3 NO 08/03/06 WSD 4.0 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/05 WSD 3.5

ND

RL = Reporting Limit

Methylene Chloride

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

3.5

WSD

08/03/06

ug/m3

. With

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

Contract: -

JOHN BOYD

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

Project Location: BOWMAX 7/28/2006

Date Received: Field Sample #: 623009-V-06S

Sample ID:

06B24291

NOT SPECIFIED

Sample Matrix: AIR Sample Medium : SUMMA

Sampled: 7/27/2006

8/16/2006

Page 45 of 56

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

	Units	Results	Date Analyzed	Analyst	RL.	SPEC Lo	Limit Hi	P/ F
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/03/06	WSD	4.0			
Styrene	ug/m3	ND	08/03/06	WSD	4.5			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/03/06	WSD	7.0			
Tetrachloroethylene	ug/m3	14.	08/03/06	WSD	7.0			
Toluene	ug/m3	690	08/03/06	WSD	4.0			
1,2,4-Trichlorobenzene	ug/m3	ND	08/03/06	WSD	7.5			
1.1,1-Trichloroethane	ug/m3	81.	08/03/06	WSD	5.5			
1,1,2-Trichloroethane	ug/m3	ND	08/03/06	WSD	5.5			
Trichloroethylene	ug/m3	61.	08/03/06	WSD	5.5			
Trichlorofluoromethane	ug/m3	ND	08/03/06	W\$D	5.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	740	08/03/06	WSD	7.5			
Vinyl Chloride	ug/m3	590	08/03/06	WSD	2.5			
m/p-Xylene	ug/m3	300	08/03/06	WSD	4.5			
o-Xylene	ug/m3	260	08/03/06	WSD	4.5			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit



JOHN BOYD

URS CORPORATION

77 GOODELL STREET BUFFALO, NY 14203

Contract: -

Purchase Order No.: -

8/16/2006

Page 6 of 56

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Project Location: BOWMAX Date Received:

7/28/2006

Field Sample #: 623009-V-06S

06B24291

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

SPECIAL TEST

Sample ID :

AIR

Sample Medium : SUMMA

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hí	P/ F	
		08/03/06	WSD				٠

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND UT	1.0	10.
Methyl Acetate	ND	ND 👃	2.2	6.4
Methylcyclohexane	194*	780- 5	1.6	6.4
Isopropylbenzene	ND	ND CIS	1.3	6.4
1,2-Dibromo-3-Chloropropane	e ND	ND 🗼	0.59	6.4

^{* =} Quantitated over verified linear calibration range ND= Not Detected





Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 46 of 56

Project Location: BOWMAX 7/28/2006

Project Number: 11174772-00002

LIMS-BAT#: LIMS-98896 Job Number: 11174772-00002

Date Received:

Sample ID:

Field Sample #: 623009-V-07S 06B24292

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC Limit	P/F
			Analyzed			Lo Hi	
Acetone	ug/m3	ND C5	08/04/06	WSD	2.5		
Benzene	ug/m3	310	08/04/06	WSD	3.0		
Bromodichloromethane	ug/m3	ND	08/04/06	WSD	6.5		
Bromomethane	ug/m3	ND	08/04/06	WSD	4.0		
2-Butanone (MEK)	ug/m3	NĎ	08/04/06	W\$D	3.0		
Carbon Disulfide	ug/m3	ND	08/04/06	WSD	3.0		
Carbon Tetrachioride	ug/m3	ND	08/04/06	WSD	6.5		
Chlorobenzene	ug/m3	ND	08/04/06	WSD	4.5		
Chlorodibromomethane	ug/m3	ND	08/04/06	WSD	8.5		
Chloroethane	ug/m3	400	08/04/06	WSD	2.5		
Chloroform	ug/m3	6.8	08/04/06	WSD	5.0		
Chloromethane	ug/m3	ND	08/04/06	WSD	2.0		
Cyclohexane	ug/m3	ND	08/04/06	WSD	3.5		
1,2-Dibromoethane	ug/m3	ND	08/04/06	WSD	7.5		
1,2-Dichlorobenzene	ug/m3	СИ	08/04/06	WSD	6.0		
1,3-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0		
1,4-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0		
Dichlorodifluoromethane	ug/m3	ND	08/04/06	WSD	5.0		
1,1-Dichloroethane	ug/m3	4900	08/04/06	WSD	4.0		
1,2-Dichloroethane	ug/m3	ND	08/04/06	WSD	4.0		
1,1-Dichloroethylene	ug/m3	1900	08/04/06	W\$D	4.0		
cis-1,2-Dichloroethylene	ug/m3	150	08/04/06	WSD	4.0		
:-1,2-Dichloroethylene	ug/m3	ND	08/04/06	WSD	4.0		
1,2-Dichloropropane	ug/m3	ND	08/04/06	W\$D	4.5		
cis-1,3-Dichloropropene	ug/m3	ND	08/04/06	W\$D	4.5		
rans-1,3-Dichloropropene	ug/m3	ND	08/04/06	W\$D	4.5		
Ethylbenzene	ug/m3	150	08/04/06	WSD	4.5		
2-Hexanone	ug/m3	ND	08/04/06	WSD	4.0		
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/04/06	WSD	3.5		, ,
Methylene Chloride	ug/m3	ND	08/04/06	WSD	3.5	•	N.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET

Project Location: 80WMAX

BUFFALO, NY 14203

Contract: -

Purchase Order No.: -

8/16/2006

Page 47 of 56

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

7/28/2006 Field Sample #: 623009-V-078

Sample ID:

Date Received:

06B24292

Sampled: 7/27/2006 NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo Hi		
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/04/06	WSD	4.0			
Styrene	ug/m3	ND	08/04/06	WSD	4.5			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/04/06	WSD	7.0			
Tetrachloroethylene	ug/m3	1600	08/04/06	WSD	7.0			
Toluene	ug/m3	1400	08/04/06	WŞD	4.0			
1,2,4-Trichlorobenzene	ug/m3	ND	08/04/06	WSD	7.5			
1,1,1-Trìchloroethane	ug/m3	43000	08/04/06	WSD	5.5			
1,1,2-Trichloroethane	ug/m3	18.	08/04/06	WSD	5.5			
Trichloroethylene	ug/m3	430	08/04/06	WSD	5.5			
Trichlorofluoromethane	ug/m3	ND	08/04/06	WSD	5.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	150000	08/04/06	WSD	7.5			
Vinyl Chloride	ug/m3	ND	08/04/06	WSD	2.5			
m/p-Xylene	ug/m3	220	08/04/06	WSD	4.5			
o-Xylene	ug/m3	140	08/04/06	WSD	4.5			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET BUFFALO, NY 14203

Project Location: BOWMAX

Field Sample #: 623009-V-07S

Contract: -

Purchase Order No.: -

8/16/2006

Page 7 of 56

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Sample ID:

06B24292

7/28/2006

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

Date Received:

AIR

Sample Medium : SUMMA

Units

ND

Results

Date

Analyst RL

WSD

1.3

0.59

SPEC Limit

Lo

6.4

6.4

P/F

SPECIAL TEST

Analyzed 08/04/06

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND UT	1.	10.
Methyl Acetate	ND	ND L	2.1	6.4
Methylcyclohexane	7.5	30 🍮	1.6	6.4
sopropylbenzene	ND	ND CS	1.3	6.4

ND≃ Not Detected

1,2-Dibromo-3-Chloropropane

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

 * = See end of report for comments and notes applying to this sample



Purchase Order No.: -

Contract: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Project Location: BOWMAX

Date Received: 7/28/2006 Field Sample #: 20060727-FD-1

Sample ID:

Sample Matrix:

06B24295

AIR

Sampled: 7/27/2006

NOT SPECIFIED

Sample Medium : SUMMA

8/16/2006

Page 34 of 56

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	
Acetone	ug/m3	ND C+5	08/04/06	WSD	2.5	 -	
Benzene	ug/m3	360	08/04/06	WSD	3.0		
Bromodichloromethane	ug/m3	ND	08/04/06	WSD	6.5		
Bromomethane	ug/m3	ND	08/04/06	WSD	4.0		
2-Butanone (MEK)	ug/m3	4.6	08/04/06	WSD	3.0		
Carbon Disulfide	ug/m3	ND	08/04/06	WSD	3.0		
Carbon Tetrachloride	ug/m3	ND	08/04/06	WSD	6.5		
Chlorobenzene	ug/m3	ND	08/04/06	WSD	4.5		
Chlorodibromomethane	ug/m3	DИ	08/04/06	WSD	8.5		
Chloroethane	ug/m3	420	08/04/06	WSD	2.5		
Chloroform	ug/m3	7.5	08/04/06	WSD	5.0		
Chloromethane	ug/m3	ND	08/04/06	WSD	2.0		
Cyclohexane	ug/m3	17.	08/04/06	WSD	3.5		
1,2-Dibromoethane	ug/m3	ND	08/04/06	WSD	7.5		
1,2-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0		
1,3-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0		
1,4-Dichlorobenzene	ug/m3	ND	08/04/06	WSD	6.0		
Dichlorodifluoromethane	ug/m3	7.7	08/04/06	W\$D	5.0		
1,1-Dichloroethane	ug/m3	3700	08/04/06	WSD	4.0		
1,2-Dichloroethane	ug/m3	5.5	08/04/06	WSD	4.0		
1,1-Dichloroethylene	ug/m3	1400	08/04/06	WSD	4.0		
cis-1,2-Dichloroethylene	ug/m3	170	08/04/06	WSD	4.0		
-1,2-Dichloroethylene	ug/m3	ND	08/04/06	WSD	4.0		
1,2-Dichloropropane	ug/m3	ND	08/04/06	WSD	4.5		
cis-1,3-Dichloropropene	ug/m3	ND	08/04/06	WSD	4.5		
trans-1,3-Dichloropropene	ug/m3	ND	08/04/06	WSD	4.5		
Ethylbenzene	ug/m3	180	08/04/06	WSD	4.5		
2-Hexanone	ug/m3	ND	08/04/06	WSD	4.0		
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/04/06	WSD	3.5		
Methylene Chloride	ug/m3	ND	08/04/06	WSD	3.5		<u>\</u> .
							7

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 35 of 56

Project Location: BOWMAX

Date Received: 7/28/2006

Field Sample #: 20060727-FD-1

Purchase Order No.: -

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Sample ID:

06B24295

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC Limit		P/F	
			Analyzed			Lo Hi			
I-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/04/06	WSD	4.0		•		
Styrene	ug/m3	ND	08/04/06	WSD	4.5				
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/04/06	WSD	7.0				
Tetrachloroethylene	ug/m3	1800	08/04/06	WSD	7.0				
Îolu e ne	ug/m3	1500	08/04/06	WSD	4.0				
,2,4-Trichlorobenzene	ug/m3	NĐ	08/04/06	WSD	7.5				
,1,1-Trichloroethane	ug/m3	36000	08/04/06	WSD	5.5				
,1,2-Trichloroethane	ug/m3	21.	08/04/06	WSD	5.5				
richloroethylene	ug/m3	490	08/04/06	WSD	5.5				
richlorofluoromethane	ug/m3	ND	08/04/06	WSD	5.5				
,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	120000	08/04/06	WSD	7.5				
inyl Chloride	ug/m3	ND	08/04/06	WSD	2.5				
i/p-Xylene	ug/m3	260	08/04/06	WSD	4.5				
-Xylene	ug/m3	160	08/04/06	WSD	4.5				

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET

Contract: -

8/16/2006

Page 1 of 56

BUFFALO, NY 14203

Project Location: BOWMAX

Purchase Order No.: -

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Date Received: Field Sample #: 20060727-FD-1 Sample ID:

7/28/2006

06B24295

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

Results

Units

Date Analyzed

Analyst

RL

SPEC Limit

Hi

Lo

P/F

SPECIAL TEST

08/04/06 WSD

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND 05	1.0	10.
Methyl Acetate	ND	ND 🕹	2.1	6.4
Methylcyclohexane	8.6	34 55	1.6	6.4
Isopropylbenzene	ND	ND 05	1.3	6.4
1,2-Dibromo-3-Chloropropane	e ND	ND 🔱	0.59	6.4

ND= Not Detected

OLY CIPNOR

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD **URS CORPORATION** 77 GOODELL STREET

BUFFALO, NY 14203

Project Location: BOWMAX

Field Sample #: 623009-V-08S

Contract: -

Purchase Order No.: -

8/16/2006

Page 48 of 56

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Sample ID :

Date Received:

06B24294

7/28/2006

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/m3	89 3	08/07/06	WSD	4.0		·
Benzene	ug/m3	29.	08/07/06	WSD	4.8		
Bromodichloromethane	ug/m3	ND	08/07/06	WSD	11,		
Bromomethane	ug/m3	ND	08/07/06	WSD	6.4		
2-Butanone (MEK)	ug/m3	11. 5	08/07/06	WSD	4.8		
Carbon Disulfide	ug/m3	ND	08/07/06	W\$D	4.8		
Carbon Tetrachloride	ug/m3	ND	08/07/06	WSD	11.		
Chlorobenzene	ug/m3	ND	08/07/06	WSD	7.2		
Chlorodibromomethane	ug/m3	ND	08/07/06	WSD	14.		
Chloroethane	ug/m3	ΝD	08/07/06	WSD	4.0		
Chloroform	ug/m3	ND	08/07/06	WSD	8.0		
Chloromethane	ug/m3	3.3	08/07/06	WSD	3.2		
Cyclohexane	ug/m3	ND	08/07/06	WSD	5.6		
1,2-Dibromoethane	ug/m3	ND	08/07/06	WSD	12.		
1,2-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	9.6		
1,3-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	9.6		
1,4-Dichlorobenzene	ug/m3	ND	08/07/06	WSD	9.6		
Dichlorodifluoromethane	ug/m3	ND	08/07/06	WSD	8.0		
1,1-Dichloroethane	ug/m3	ND	08/07/06	WSD	6.4		
1,2-Dichloroethane	ug/m3	ND	08/07/06	WSD	6.4		
1,1-Dichloroethylene	ug/m3	ND	08/07/06	WSD	6.4		
cis-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	6.4		
t-1,2-Dichloroethylene	ug/m3	ND	08/07/06	WSD	6.4		
1,2-Dichloropropane	ug/m3	ND	08/07/06	WSD	7.2		
cis-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	7.2		
trans-1,3-Dichloropropene	ug/m3	ND	08/07/06	WSD	7.2		
Ethylbenzene	ug/m3	15.	08/07/06	WSD	7.2		
2-Hexanone	ug/m3	ND OS	08/07/06	WSD	6.4		
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND 1.	08/07/06	WSD	5.6		
Methylene Chloride	ug/m3	21,	08/07/06	WSD	5.6		
	-		· · · ·				

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

Page 49 of 56

8/16/2006

Project Location: BOWMAX

Project Number: 11174772-00002

Date Received:

7/28/2006

LIMS-BAT#: LIMS-98896

Field Sample #: 623009-V-08S

Sample Matrix:

Job Number: 11174772-00002

Sample ID:

06B24294

Sampled: 7/27/2006

NOT SPECIFIED

AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Methyl-2-Pentanone (MIBK)	ug/m3	ND VS	08/07/06	WSD	6.4	··		
ren e	ug/m3	ND	08/07/06	WSD	7.2			
,2,2-Tetrachloroethane	ug/m3	ND	08/07/06	WSD	12.			
trachloroethylene	ug/m3	ND	08/07/06	WSD	12.			
uene	ug/m3	110	08/07/06	WSD	6.4			
,4-Trichlorobenzene	ug/m3	ND	08/07/06	WSD	12,			
,1-Trichloroethane	ug/m3	ND	08/07/06	WSĐ	8.8			
,2-Trichloroethane	ug/m3	ND	08/07/06	W\$D	8.8			
chloroethylene	ug/m3	ND	08/07/06	WSD	8.8			
chlorofluoromethane	ug/m3	ND	08/07/06	WSD	8.8			
,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/07/06	WSD	12.			
yl Chloride	ug/m3	ND	08/07/06	WŞD	4.0			
-Xylene	ug/m3	25.	08/07/06	WSD	7.2			
ylene	ug/m3	15.	08/07/06	WSD	7.2			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

Project Location: BOWMAX

Contract: -

Purchase Order No.: -

8/16/2006

Page 8 of 56

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Sample ID:

Date Received:

7/28/2006 Field Sample #: 623009-V-08S 06B24294

Sampled: 7/27/2006

NOT SPECIFIED

Sample Matrix: AIR Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC Limit	P/F
<u> </u>			Analyzed			Lo Hi	
SPECIAL TEST			08/07/06	WSD			

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)		Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND (230	1.6	16.
Methyl Acetate	ND	ND	1	3.4	10.2
Methylcyclohexane	ND	ND		2.5	10.2
Isopropylbenzene	ND	ND	{	2.1	10.2
1,2-Dibromo-3-Chloropropane	e ND	ND	1	0.94	10.2

ND= Not Detected

JAN 106

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 50 of 56

Project Location: BOWMAX 7/28/2006

AIR

Purchase Order No.: -

Project Number: 11174772-00002

LIMS-BAT#: LIMS-98896

Job Number: 11174772-00002

Date Received: Field Sample #: 623009-V-09S

Sample ID:

Sample Matrix:

06B24287

Sampled: 7/26/2006

NOT SPECIFIED

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit P/F
Acetone	ug/m3	ND V.S	08/03/06	WSD	0.2	<u> </u>
Benzene	ug/m3	12.	08/03/06	WSD	0.2	
Bromodichloromethane	ug/m3	ND	08/03/06	WSD	0.6	
Bromomethane	ug/m3	ND	08/03/06	WSD	0.4	
2-Butanone (MEK)	ug/m3	ND	08/03/06	WSD	0.3	
Carbon Disulfide	ug/m3	ND	08/03/06	WSD	0.3	
Carbon Tetrachloride	ug/m3	ND	08/03/06	WSD	0.6	
Chlorobenzene	ug/m3	ND	08/03/06	WSD	0.4	
Chlorodibromomethane	ug/m3	ND	08/03/06	WŞD	0.7	
Chloroethane	ug/m3	ND	08/03/06	WSD	0.2	
Chloroform	ug/m3	ND	08/03/06	WSD	0.4	
Chloromethane	ug/m3	ND	08/03/06	W\$D	0.2	
Cyclohexane	ug/m3	ND	08/03/06	WSD	0.3	
1,2-Dibromoethane	ug/m3	ND	08/03/06	WSD	0.6	
1,2-Dichlorobenzene	ug/m3	0.6	08/03/06	W\$D	0.5	
1,3-Dichlorobenzene	ug/m3	ND	08/03/06	WSD	0.5	
1,4-Dichlorobenzene	ug/m3	ND	08/03/06	WSD	0.5	
Dichlorodifluoromethane	ug/m3	ND	08/03/06	WSD	0.4	
1,1-Dichloroethane	ug/m3	230	08/03/06	WSD	0.3	
1,2-Dichloroethane	ug/m3	ND	08/03/06	W\$D	0.4	
1,1-Dichloroethylene	ug/m3	ND	08/03/06	WSD	0.4	
cis-1,2-Dichloroethylene	ug/m3	ND	08/03/06	WSD	0.4	
t-1,2-Dichloroethylene	ug/m3	ND	08/03/06	WSD	0.4	
1,2-Dichloropropane	ug/m3	ND	08/03/06	WSD	0.4	
cis-1,3-Dichloropropene	ug/m3	ND	08/03/06	WSD	0.4	
trans-1,3-Dichloropropene	ug/m3	ND	08/03/06	WSD	0.4	
Ethylbenzene	ug/m3	67.	08/03/06	WSD	0.4	
2-Hexanone	ug/m3	ND	08/03/06	WSD	0.4	Charles The
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/03/06	WSD	0.3	July Cartie
Methylene Chloride	ug/m3	ND	08/03/06	WSD	0.3	CA WAY

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 51 of 56

Project Location: BOWMAX

7/28/2006

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896 Job Number: 11174772-00002

Date Received: Field Sample #: 623009-V-09S

06B24287

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix:

Sample ID:

AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPE(C Limit Hi	P/ F
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/03/06	WSD	0.4		- -	
Styrene	ug/m3	3.1	08/03/06	WSD	0.4			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/03/06	WSD	0.6			
Tetrachioroethylene	ug/m3	13.	08/03/06	WSD	0.6			
Toluene	ug/m3	210	08/03/06	WSD	0.3			
1,2,4-Trichlorobenzene	ug/m3	ND	08/03/06	WSD	0.6			
1,1,1-Trichloroethane	ug/m3	1400	08/03/06	WSD	0.4			
1,1,2-Trichloroethane	ug/m3	ND	08/03/06	WSD	0.5			
Trichloroethylene	ug/m3	1.2	08/03/06	WSD	0.4			
Trichlorofluoromethane	ug/m3	1.8	08/03/06	WSD	0.4			
1.1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/03/06	WSD				
Vinyl Chloride	ug/m3	ND	08/03/06		0.6			
m/p-Xylene	ug/m3	140	-	WSD	0.2			
o-Xylene	-	-	08/03/06	WSD	0.4			
	ug/m3	87.	08/03/06	W\$D	0.4			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET BUFFALO, NY 14203

Contract: -

Purchase Order No.: -

8/16/2006

Page 9 of 56

Project Number: 11174772-00002

LIMS-BAT#: LIMS-98896

Lo

Job Number: 11174772-00002

Date Received:

Sample ID:

Project Location: BOWMAX 7/28/2006

Field Sample #: 623009-V-09S

06B24287

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

Units

Results

Analyst Analyzed

RL

SPEC Limit

P/F

SPECIAL TEST

08/03/06 WSD

Date

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND € 5	0.1	1.
Methyl Acetate	ND	ND L	0.17	0.51
Methylcyclohexane	0.52	2.1 5	0.13	0.51
Isopropylbenzene	0.54	2.6 .5	0.10	0.51
1,2-Dibromo-3-Chloropropane	e ND	ND OJ	0.05	0.51

ND= Not Detected

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET BUFFALO, NY 14203

Project Location: BOWMAX

Contract: -

Purchase Order No.: -

8/16/2006

Page 52 of 56

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Sample ID:

Date Received:

Field Sample #: 623009-V-10S 06B24285

7/28/2006

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix: AIR Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Acetone	ug/m3	90.	08/03/06	WSD	0.2	Lo Hi	
Benzene	ug/m3	18.	08/03/06	WSD	0.2		
Bromodichloromethane	ug/m3	ND	08/03/06	WSD	0.6		
Bromomethane	ug/m3	ND	08/03/06	WSD	0.4		
2-Butanone (MEK)	ug/m3	7.5	08/03/06	WSD	0.2		
Carbon Disulfide	ug/m3	10.	08/03/06	WSD	0.2		
Carbon Tetrachloride	ug/m3	ND	08/03/06	WSD	0.6		
Chlorobenzene	ug/m3	0.8	08/03/06	WSD	0.4		
Chlorodibromomethane	ug/m3	ND	08/03/06	WSD	0.7		
Chloroethane	ug/m3	52.	08/03/06	WSD	0.2		
Chloroform	ug/m3	1.5	08/03/06	WSD	0.4		
Chloromethane	ug/m3	ND	08/03/06	WSD	0.2		
Cyclohexane	ug/m3	ND	08/03/06	WSD	0.3		
1,2-Dibromoethane	ug/m3	ND	08/03/06	WSD	0.6		
1,2-Dichlorobenzene	ug/m3	0.5	08/03/06	WSD	0.5		
1,3-Dichtorobenzene	ug/m3	ND	08/03/06	WSD	0.5		
1,4-Dichlorobenzene	ug/m3	ND	08/03/06	WSD	0.5		
Dichlorodifluoromethane	ug/m3	ND	08/03/06	WSD	0.4		
1,1-Dichloroethane	ug/m3	340	08/03/06	WSD	0.3		
1,2-Dichloroethane	ug/m3	ND	08/03/06	WSD	0.4		
1,1-Dichtoroethylene	ug/m3	ND	08/03/06	WSD	0.4		
cis-1,2-Dichloroethylene	ug/m3	0.9	08/03/06	WSD	0.3		
-1,2-Dichloroethylene	ug/m3	ND	08/03/06	WSD	0.4		
1,2-Dichloropropane	ug/m3	ND	08/03/06	WSD	0.4		
cis-1,3-Dichloropropene	ug/m3	ND	08/03/06	WSD	0.4		
rans-1,3-Dichloropropene	ug/m3	ND	08/03/06	WSD	0.4		
Ethylbenzene	ug/m3	86.	08/03/06	WSD	0.4		
?-Hexanone	ug/m3	ND	08/03/06	WSD	0.4		< .
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	08/03/06	WSD	0.3		$i \prec i $
Methylene Chloride	ug/m3	1.5	08/03/06	WSD	0.3		L. Color

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: -

JOHN BOYD

URS CORPORATION

77 GOODELL STREET

Contract: -

8/16/2006

Page 53 of 56

BUFFALO, NY 14203

Project Location: BOWMAX

Project Number: 11174772-00002

Date Received:

LIMS-BAT#: LIMS-98896

7/28/2006

Job Number: 11174772-00002

Field Sample #: 623009-V-10S Sample ID:

06B24285

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hì	
I-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/03/06	W\$D	0.4			
Styrene	ug/m3	4.9	08/03/06	WSD	0.4			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/03/06	WSD	0.6			
Tetrachloroethylene	ug/m3	9.2	08/03/06	WSD	0.6			
- Foluene	ug/m3	290	08/03/06	WSD	0.3			
,2,4-Trichlorobenzene	ug/m3	МD	08/03/06	WSD	0.6			
,1,1-Trichloroethane	ug/m3	830	08/03/06	WSD	0.4			
,1,2-Trichloroethane	ug/m3	ND	08/03/06	WSD	0.5			
richloroethylene	ug/m3	1.6	08/03/06	WSD	0.4			
richlorofluoromethane	ug/m3	ND	08/03/06	WSD	0.5			
,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	15.	08/03/06	WSD	0.6			
inyl Chloride	ug/m3	ND	08/03/06	WSD	0.2			
n/p-Xylene	ug/m3	170	08/03/06	WSD	0.4			
-Xylene	ug/m3	110	08/03/06	WSD	0.4			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

Purchase Order No.: -

8/16/2006

Page 10 of 56

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

Job Number:

11174772-00002

Date Received: 7/28/2006 Field Sample #: 623009-V-10S

Project Location: BOWMAX

Sample ID:

06B24285

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix:

AIR

Sample Medium : SUMMA

Date

RL Analyst

SPEC Limit

P/F

Units

Results

Analyzed 08/03/06 WSD

SPECIAL TEST

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND CLT	0.1	1.
Methyl Acetate	ND	ND 🎝	0.17	0.51
Methylcyclohexane	2.2	8.9 🕤	0.13	0.51
Isopropyibenzene	0.65	3.2 .5	0.10	0.51
1,2-Dibromo-3-Chloropropane	e ND	ND S	0.05	0.51

ND= Not Detected

Or John Charlos

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD

URS CORPORATION 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006 Page 54 of 56

Project Location: BOWMAX

Date Received: 7/28/2006 Field Sample #: 623009-V-11\$ Purchase Order No.: -

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Job Number: 11174772-00002

Sample ID:

06B24286

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix: AIR Sample Medium : SUMMA

Acetone ug/m3 ND 0 8/03/06 WSD 0 2 Benzene ug/m3 77. 0 8/03/06 WSD 0.2 Bromodichloromethane ug/m3 0.6 0 8/03/06 WSD 0.5 Bromomethane ug/m3 ND 0 8/03/06 WSD 0.4 2-Butanone (MEK) ug/m3 ND 0 8/03/06 WSD 0.3 Carbon Disuifde ug/m3 ND 0 8/03/06 WSD 0.3 Carbon Tetrachloride ug/m3 ND 0 8/03/06 WSD 0.6 Chlorodibromomethane ug/m3 ND 0 8/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 0 8/03/06 WSD 0.7 Chlorodethane ug/m3 ND 0 8/03/06 WSD 0.2 Chlorodethane ug/m3 ND 0 8/03/06 WSD 0.4 Chlorodethane ug/m3 ND 0 8/03/06 WSD 0.5 1,2-Dichlorodebrzene ug/m3		Units	Results	Date	Analyst	RL	SPEC L		P/F
Benzene				Analyzed			Lo —	Hi	
Bromodichloromethane ug/m3 0.5 O8/03/06 WSD 0.5 Bromomethane ug/m3 ND 08/03/06 WSD 0.4 2-Butanone (MEK) ug/m3 ND 08/03/06 WSD 0.3 Carbon Tetrachloride ug/m3 ND 08/03/06 WSD 0.3 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chloroform ug/m3 ND 08/03/06 WSD 0.2 Chlorodethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,2-Dichlorobenzene ug/m3 <td></td> <td>ug/m3</td> <td>ND CJ.</td> <td>08/03/06</td> <td>WSD</td> <td>0.2</td> <td></td> <td></td> <td></td>		ug/m3	ND CJ.	08/03/06	WSD	0.2			
Bromomethane ug/m3 ND 08/03/06 WSD 0.4 2-Butanone (MEK) ug/m3 ND 08/03/06 WSD 0.3 Carbon Disulfide ug/m3 ND 08/03/06 WSD 0.3 Carbon Tetrachloride ug/m3 ND 08/03/06 WSD 0.6 Chlorobenzene ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.2 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.4 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.8 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 </td <td></td> <td>ug/m3</td> <td>77.</td> <td>08/03/06</td> <td>WSD</td> <td>0.2</td> <td></td> <td></td> <td></td>		ug/m3	77.	08/03/06	WSD	0.2			
2-Butanone (MEK) ug/m3 ND 08/03/06 WSD 0.3 Carbon Disulfide ug/m3 ND 08/03/06 WSD 0.3 Carbon Tetrachloride ug/m3 ND 08/03/06 WSD 0.6 Chlorobenzene ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chlorothane ug/m3 ND 08/03/06 WSD 0.7 Chlorothane ug/m3 ND 08/03/06 WSD 0.2 Chlorothane ug/m3 ND 08/03/06 WSD 0.2 Chlorothane ug/m3 ND 08/03/06 WSD 0.2 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Chloromethane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.6 1,2-Dichlorothane ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorothane ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorothane ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.5 Dichlorothane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichlorothane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichlorothane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichlorothane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichlorothylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichlorothylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichlorothylene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 ND 08/03/06 WSD 0.4	Bromodichloromethane	ug/m3	0.6	08/03/06	WSD	0.5			
Carbon Disulfide ug/m3 ND 08/03/06 WSD 0.3 Carbon Tetrachloride ug/m3 ND 08/03/06 WSD 0.6 Chlorobenzene ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chloroferm ug/m3 ND 08/03/06 WSD 0.2 Chloromethane ug/m3 ND 08/03/06 WSD 0.4 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dichlorobethane ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 <t< td=""><td>Bromomethane</td><td>ug/m3</td><td>ND</td><td>08/03/06</td><td>WSD</td><td>0.4</td><td></td><td></td><td></td></t<>	Bromomethane	ug/m3	ND	08/03/06	WSD	0.4			
Carbon Tetrachloride ug/m3 ND 08/03/06 WSD 0.6 Chlorobenzene ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.2 Chloromethane ug/m3 ND 08/03/06 WSD 0.4 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dibromoethane ug/m3 ND 08/03/06 WSD 0.5 1,2-Dibriorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodiflucromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/	2-Butanone (MEK)	ug/m3	ND	08/03/06	WSD	0.3			
Chlorobenzene ug/m3 ND 08/03/06 WSD 0.4 Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chlorothane ug/m3 ND 08/03/06 WSD 0.2 Chloroform ug/m3 ND 08/03/06 WSD 0.2 Chloroform ug/m3 ND 08/03/06 WSD 0.4 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dibromoethane ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4	Carbon Disulfide	ug/m3	ND	08/03/06	WSD	0.3			
Chlorodibromomethane ug/m3 ND 08/03/06 WSD 0.7 Chloroethane ug/m3 ND 08/03/06 WSD 0.2 Chloroform ug/m3 ND 08/03/06 WSD 0.2 Chloromethane ug/m3 ND 08/03/06 WSD 0.4 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4	Carbon Tetrachloride	ug/m3	ND	08/03/06	WSD	0.6			
Chloroethane ug/m3 ND 08/03/06 WSD 0.2 Chloroform ug/m3 ND 08/03/06 WSD 0.4 Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 ND 08/03/06 WSD 0.3 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.6 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4	Chlorobenzene	ug/m3	ND	08/03/06	WSD	0.4			
Chloroform	Chlorodibromomethane	ug/m3	ND	08/03/06	WSD	0.7			
Chloromethane ug/m3 ND 08/03/06 WSD 0.2 Cyclohexane ug/m3 3.2 08/03/06 WSD 0.3 1,2-Dibromoethane ug/m3 ND 08/03/06 WSD 0.6 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4	Chloroethane	ug/m3	ND	08/03/06	WSD	0.2			
Cyclohexane ug/m3 3.2 08/03/06 WSD 0.3 1,2-Dibromoethane ug/m3 ND 08/03/06 WSD 0.6 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Di	Chloroform	ug/m3	ND	08/03/06	WSD	0.4			
1,2-Dibromoethane ug/m3 ND 08/03/06 WSD 0.6 1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 ND 08/03/06 WSD 0.4	Chloromethane	ug/m3	ND	08/03/06	WSD	0.2			
1,2-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 ND 08/03/06 WSD 0.4	Cyclohexane	ug/m3	3.2	08/03/06	WSD	0.3			
1,3-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4	1,2-Dibromoethane	ug/m3	ND	08/03/06	WSD	0.6			
1,4-Dichlorobenzene ug/m3 ND 08/03/06 WSD 0.5 Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 S2. 08/03/06 WSD 0.4 Ethylbenzene ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.4	1,2-Dichlorobenzene	ug/m3	ND	08/03/06	WSD	0.5			
Dichlorodifluoromethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 1,4-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 1,4-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 1,5-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4	1,3-Dichlorobenzene	ug/m3	ND	08/03/06	WSD	0.5			
1,1-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4	1,4-Dichlorobenzene	ug/m3	ND	08/03/06	WSD	0.5			
1,2-Dichloroethane ug/m3 ND 08/03/06 WSD 0.4 1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 ND 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	Dichlorodifluoromethane	ug/m3	ND	08/03/06	WSD	0.4			
1,1-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	1,1-Dichloroethane	ug/m3	ND	08/03/06	WSD	0.4			
cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 i-1,2-Dichloropthylene ug/m3 ND 08/03/06 WSD 0.4 i1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 crans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	1,2-Dichloroethane	ug/m3	ND	08/03/06	WSD	0.4			
cis-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	1,1-Dichloroethylene	ug/m3	ND	08/03/06	WSD	0.4			
t-1,2-Dichloroethylene ug/m3 ND 08/03/06 WSD 0.4 1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	cis-1,2-Dichloroethylene	ug/m3	NO	08/03/06					
1,2-Dichloropropane ug/m3 ND 08/03/06 WSD 0.4 cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	t-1,2-Dichloroethylene	ug/m3	ND						
cis-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	1,2-Dichloropropane	ug/m3	ND						
trans-1,3-Dichloropropene ug/m3 ND 08/03/06 WSD 0.4 Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	cis-1,3-Dichloropropene	ug/m3	ND	_					
Ethylbenzene ug/m3 52. 08/03/06 WSD 0.4 2-Hexanone ug/m3 ND 08/03/06 WSD 0.4 Methyl tert-Butyl Ether (MTBE) ug/m3 ND 08/03/06 WSD 0.3	trans-1,3-Dichloropropene	ug/m3							
	Ethylbenzene	•				-			. ×
	2-Hexanone	•							
	Methyl tert-Butyl Ether (MTBE)	_							\
	Methylene Chloride	ug/m3	ND	08/03/06	WSD	0.3			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD **URS CORPORATION** 77 GOODELL STREET

BUFFALO, NY 14203

Contract: -

8/16/2006

Page 55 of 56

Project Location: BOWMAX

Purchase Order No.: -

Project Number: 11174772-00002 LIMS-BAT #: LIMS-98896

Date Received: Field Sample #: 623009-V-11S

7/28/2006

Job Number: 11174772-00002

Sample ID:

06B24286

Sampled: 7/26/2006

NOT SPECIFIED

Sample Matrix: AIR

Sample Medium : SUMMA

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	08/03/06	WSD	0.4			
Styrene	ug/m3	0.5	08/03/06	WSD	0.4			
1,1,2,2-Tetrachloroethane	ug/m3	ND	08/03/06	WSD	0.6			
Tetrachloroethylene	ug/m3	ND	08/03/06	WSD	0.6			
Toluene	ug/m3	460	08/03/06	WSD	0.3			
1,2,4-Trichioroberizene	ug/m3	ND	08/03/06	WSD	0.6			
1,1,1-Trichloroethane	ug/m3	21.	08/03/06	W\$D	0.4			
1,1,2-Trichloroethane	ug/m3	ND	08/03/06	WSD	0.5			
Trichloroethylene	ug/m3	ND	08/03/06	WSD	0.5			
Trichlorofluoromethane	ug/m3	ND	08/03/06	WSD	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	08/03/06	WSD	0.6			
Vinyl Chloride	ug/m3	ND	08/03/06	WSD	0.2			
m/p-Xylene	ug/m3	28.	08/03/06	WSD	0.4			
o-Xylene	ug/m3	ND	08/03/06	WSD	0.4			

Analytical Method:

EPA TO-15

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JOHN BOYD **URS CORPORATION**

77 GOODELL STREET BUFFALO, NY 14203

Contract: -

8/16/2006

Page 11 of 56

Project Location: BOWMAX Date Received:

7/28/2006

Purchase Order No.; -

Project Number: 11174772-00002

LIMS-BAT #: LIMS-98896

Lo

Job Number: 11174772-00002

Field Sample #: 623009-V-11S Sample ID:

06B24286

Sampled: 7/26/2006

NOT SPECIFIED

Units

Sample Matrix:

AIR

Sample Medium : SUMMA

Results

Date

Analyst RĻ SPEC Limit

Ηì

P/F

Analyzed

08/03/06 WSD

SPECIAL TEST

Results by TO-15 ESTIMATED

Analyte:	Estimated Sample Conc:(PPBv)	Estimated Sample Conc:(ug/m^3)	Reporting Limit (PPBv)	Reporting Limit (ug/m^3)
Bromoform	ND	ND CIT	0.1	1.
Methyl Acetate	ND	u	0.17	0.51
Methylcyclohexane	1.4	5.4 5	0.13	0.51
isopropylbenzene	0.14	0.70	0.10	0.51
1,2-Dibromo-3-Chloropropane	. ND	ND US	0.05	0.51

ND≂ Not Detected

OF WAR

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	623009GW1
Lab Code: MITKEM	Case No.:	SAS No.: SDO	No.: ME1096
Matrix: (soil/water)	WATER	Lab Sample ID:	E1096-02A
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6E4797
Level: (low/med)	LOW	Date Received:	07/26/06
% Moisture: not dec.		Date Analyzed:	08/01/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	r: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS:	

75-71-8	555555555555555555555555555555555555555	מממממממממממן מממנמממממממ
591-78-62-Hexanone 124-48-1Dibromochloromethane	5 5 5	
106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 100-41-4Ethylbenzene	5 5 . 5	ָ ט
	·, 5	

OLMO3.0

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract		623009 GW1	
Lab Name: MITALM CORPORATION	CONCLACC:	1.	<u> </u>	<u></u> .
Lab Code: MITKEM Case No.:	SAS No.:	SDG	No.: ME1096	
Matrix: (soil/water) WATER	Lab Sam	ple ID:	E1096-02A	
Sample wt/vol: 5.000 (g/mL) ML	Lab Fil	.e ID:	V6E4797	
Level: (low/med) LOW	Date Re	ceived:	07/26/06	
% Moisture: not dec	Date Ar	alyzed:	08/01/06	
GC Column: DB-624 ID: 0.25 (mm)	Dilutio	n Facto	r: 1.0	
Soil Extract Volume:(uL)	Soil Al	iquot Vo	olume:	(u <u>L</u>)
CAS NO. COMPOUND	CONCENTRATION (ug/L or ug/K		Q	
1330-20-7	ene chloroethane enzene enzene enzene chloropropane robenzene ro-1,2,2-Triflu		55555555555555555555555555555555555555	

CHS CHOICE

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPO	ORATION	Contract:		623009GW2	_
Lab Code: MITKEM C	ase No.:	SAS No.:	SDG	No.: ME1096	
Matrix: (soil/water)	WATER	Lab :	Sample ID:	E1096-01A	
Sample wt/vol:	5.000 (g/mL) ML	Lab 1	File ID:	V6E4801	
Level: (low/med)	LOW	Date	Received:	07/26/06	
% Moisture: not dec.		Date	Analyzed:	08/01/06	
GC Column: DB-624	ID: 0.25 (mm)	Dilut	tion Factor	r: 1.0	
Soil Extract Volume:_	(uL)	Soil	Aliquot Vo	olume:	_(uL
CAS NO.	COMPOUND	CONCENTRATI		0	

75-71-8Dichlorodifluoromethane		5 0-5
74-87-3Chloromethane		
75-01-4Vinvl Chloride	-	5 U 5
74-83-9Bromomethane		
75-00-3Chloroethane		5 U 5 U 5 U
75-69-4Trichlorofluoromethane		5 U
75-35-41,1-Dichloroethene		ร์ บั
67-64-1Acetone	-	5 บ 5 บ
75-15-0Carbon Disulfide	· 	5 0
75-09-2Methylene Chloride	 	5 0
156-60-5trans-1,2-Dichloroethene		5 U
1634-04-4Methyl tert-butyl ether		5 U
75-34-31,1-Dichloroethane	 	5 U
78-93-32-Butanone		5 0
156-59-2cis-1,2-Dichloroethene		5 U U U U U U U U U U U U U U U U U U U
67-66-3Chloroform	- -	5 U 5
71-55-61,1,1-Trichloroethane	 -	5 U.J 5 U
56-23-5Carbon Tetrachloride		5 U
107-06-21,2-Dichloroethane		5 0
/1-43-2Benzene	-	5 11
79-01-6Trichloroethene		5 177
78-87-51,2-Dichloropropane		5 11
75-27-4Bromodichloromethane		5 U U S U U
L0061-01-5cis-1,3-Dichloropropene	-	5 17
L08-10-14-Methyl-2-pentanone	-	5 17
L08-88-3Toluene		5 U
.0061-02-6trans-1,3-Dichloropropene	一	5 U 5 U 5 U
9-00-51,1,2-Trichloroethane	-	ร์ บั
27-18-4Tetrachloroethene		5 U
591-78-62-Hexanone		5 σ .
24-48-1Dibromochloromethane	·	5 0
06-93-41,2-Dibromoethane	-	5 U 5 U
.08-90-7Chlorobenzene		5 U
100-41-4Ethylbenzene		5 U

FORM I VOA

OLMO3.0

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

623009GW2

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: ME1096

Matrix: (soil/water) WATER

Lab Sample ID: E1096-01A

Lab Code: MITKEM

Sample wt/vol: 5.000 (g/mL) ML

Case No.:

Lab File ID: V6E4801

Level: (low/med)

LOW

Date Received: 07/26/06

% Moisture: not dec. _____

Date Analyzed: 08/01/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume:____(uL)

Soil Aliquot Volume: ____(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

100-42-5

EPA SAMPLE NO.

623009GW5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1096

Matrix: (soil/water) WATER

Lab Sample ID: E1096-03A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6E4798

Level: (low/med) LOW

Date Received: 07/26/06

% Moisture: not dec. ____

CAS NO.

Date Analyzed: 08/01/06

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

	····			
75-71-8Dichlorodifluorometha	ıne		5	US
74-87-3Chloromethane				
75-01-4Vinvl Chloride			5	ָ ט
74-83-9Bromomethane			5	لِحِقَ
75-00-3Chloroethane			41	*
75-69-4Trichlorofluoromethan	ie –		5	ਹਿੱਤ
75-35-41,1-Dichloroethene			5	υĩ
67-64-1Acetone			5	υ
75-15-0Carbon Disulfide			5	η.
75-09-2Methylene Chloride	_			Z5
156-60-5trans-1,2-Dichloroeth	ene		5	บิร
1634-04-4Methyl tert-butyl eth	er —		5	U.¥
75-34-31,1-Dichloroethane			2500	B/
78-93-32-Butanone			24	7
156-59-2cis-1,2-Dichloroethen	e i		: 5	デー
67-66-3Chloroform			5	
71-55-61,1,1-Trichloroethane	اعد	1000	9700	
56-23-5Carbon Tetrachloride	\ ` ~	•	5,00	77
107-06-21,2-Dichloroethane	-		19	-
71~43-2Benzene	 -		1	7-
79-01-6Trichloroethene	.		15	حجرم
78-87-51,2-Dichloropropane			5	سيسين ا
75-27-4Bromodichloromethane			5	ב. ט
10061-01-5cis-1,3-Dichloroprope	ne –		., 5	
108-10-14-Methyl-2-pentanone			5	
108-88-3Toluene			45	-
10061-02-6trans-1,3-Dichloropro	pene			ਹੱਤ
79-00-51,1,2-Trichloroethane	PO.10		5	U.≯
127-18-4Tetrachloroethene			570	- , ·
591-78-62-Hexanone			5	ני קא עליט
124-48-1Dibromochloromethane	 -		5	U 3
106-93-41,2-Dibromoethane				ָלֻ מַּ
108-90-7Chlorobenzene			. 3 5	$\frac{\Pi}{\Omega}$
100-41-4Ethylbenzene	 - .	gsa	- 1	-
		y*)CL:	ZT(U)	לו ביי

EPA SAMPLE NO.

623009GW5 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM . . Case No.: SAS No.: SDG No.: ME1096 Matrix: (soil/water) WATER Lab Sample ID: E1096-03A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E4798 Level: (low/med) LOW Date Received: 07/26/06 % Moisture: not dec. _ ____ Date Analyzed: 08/01/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 1330-20-7-----Xylene (Total)_____ 11000 -7200-100-42-5-----Styrene 75-25-2-----Bromoform U U 98-82-8-----Isopropylbenzene 79-34-5----1,1,2,2-Tetrachloroethane 5 UT 541-73-1----1,3-Dichlorobenzene 5 Ũ 106-46-7-----1,4-Dichlorobenzene 5 U 95-50-1-----1,2-Dichlorobenzene 96-12-8------1,2-Dichiorobenzene
96-12-8------1,2-Dibromo-3-chloropropane
120-82-1-----1,2,4-Trichlorobenzene
76-13-1-----1,1,2-Trichloro-1,2,2-Triflu 5 U **2** 15 79-20-9-----Methyl Acetate 110-81-7-----Cyclohexane 108-87-2-----Methylcyclohexane 5 ប្រ 👍

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76-14-2----Freon114

EPA SAMPLE NO.

623009GW5DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1096

Matrix: (soil/water) WATER

Lab Sample ID: E1096-03ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6E4869/

Level: (low/med) LOW

Date Received: 07/26/06

% Moisture: not dec.

Date Analyzed: 08/03/06

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1000.0

Soil Aliquot Volume: ____ (uL)

Soil Extract Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND			/Kg)/UG/L	Q	
75-71-8 74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 75-15-0 75-09-2 156-60-5 1634-04-4 75-34-3 78-93-3 71-55-6 71-43-2 71-43-2 79-01-6 78-87-5 75-27-4 78-87-5 108-10-1 108-88-3 108-88-3 109-00-5 127-18-4 591-78-6 124-48-1 106-93-4	DichlorodifluoroChloromethaneVinyl ChlorideBromomethaneChloroethaneChloroethaneTrichlorofluorom1,1-DichloroethaAcetoneCarbon DisulfideMethylene Chloritrans-1,2-Dichloroetha2-ButanoneCis-1,2-Dichloroetha2-ButanoneCarbon TetrachloroethaBenzeneTrichloroethaeBenzeneTrichloroethaeBromodichlorometCis-1,3-DichloroethaeTolueneTetrachloroetheneTetrachloroetheneTetrachloroetheneTetrachloroetheneTetrachloroethene	(ug/L of pomethane properties of the properties	or ug,		מממממממממממממממממממממממ	
100-41-4	Ethylbenzene			2500	DJ	

FORM I VOA

EPA SAMPLE NO.

			1	
Lab Name: MITH	EM CORPORATION	Contract:	623	009GW5DL
Lab Code: MITM	EM Case No.:	SAS No.:	SDG No.:	ME1096
Matrix: (soil/	water) WATER	Lab Samp	ole ID: E109	6-03ADL
Sample wt/vol:	5.000 (g/mL) ML	Lab File	: ID: V6E4	869
Level: (low/	med) LOW	Date Rec	eived: 07/2	\$ /06
% Moisture: no	t dec.	Date Ana	lyzed: 08/03	3/06
GC Column: DB-	624 ID: 0.25 (mm)	Dilution	Factor: 100	00.0
Soil Extract V	olume:(uL)	Soil Ali	quot Volume:	:(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg		. Q
100-42- 75-25-2 98-82-8 79-34-5 541-73- 106-46- 95-50-1 96-12-8 120-82- 76-13-1 79-20-9	-7Xylene (Total 5StyreneBromoformIsopropylbenze1,1,2,2-Tetrace 11,3-Dichlorobe1,2-Dichlorobe1,2-Dibromo-3- 11,2,4-Trichlore	ene chloroethane enzene enzene chloropropane robenzene ro-1/2,2-Triflu	11000 5000 5000 5000 5000 5000 5000 500	ם ם ם ם ם ם ם ם ם ם ם ם ם

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EPA SAMPLE NO.

623009GW7 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: . SDG No.: ME1096 Matrix: (soil/water) WATER Lab Sample ID: E1096-04A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E4799 Level: (low/med) LOW Date Received: 07/26/06 % Moisture: not dec. Date Analyzed: 08/01/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: ___ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 75-71-8-----Dichlorodifluoromethane U 74-87-3-----Chloromethane 5 U 75-01-4-----Vinyl Chloride 5 U 74-83-9-----Bromomethane U 75-00-3------Chloroethane 3300 2700 X D 75-69-4-----Trichlorofluoromethane 75-35-4-----1,1-Dichloroethene____ 130 67-64-1-----Acetone 5 Ü 75-15-0-----Carbon Disulfide U 5 75-09-2-----Methylene Chloride_ 5 U 156-60-5----trans-1,2-Dichloroethene Ų 1634-04-4-----Methyl tert-butyl ether 75-34-3-----1,1-Dichloroethane 2700 2200 ED 78-93-3-----2-Butanone 62 156-59-2----cis-1,2-Dichloroethene 8 67-66-3-----Chloroform 5 でる 71-55-6----1,1,1-Trichloroethane 1800 1300 R D 56-23-5-----Carbon Tetrachloride 5 [U 107-06-2----1,2-Dichloroethane 15 71-43-2-----Benzene 5 | U 79-01-6----Trichloroethene 4 J 78-87-5-----1,2-Dichloropropane U 75-27-4-----Bromodichloromethane 5 U 10061-01-5----cis-1,3-Dichloropropene_ 5 U 108-10-1-----4-Methyl-2-pentanone 5 U 108-88-3-----Toluene 5 10061-02-6----trans-1,3-Dichloropropene Ü 5 79-00-5-----1,1,2-Trichloroethane 4 ŭ 127-18-4-----Tetrachloroethene 5 U 591-78-6----2-Hexanone 5 U 124-48-1-----Dibromochloromethane 5 U.J 5 106-93-4-----1,2-Dibromoethane U 108-90-7-----Chlorobenzene 5 U 100-41-4-----Ethylbenzene 5 U

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EPA SAMPLE NO.

623009GW7 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1096 Matrix: (soil/water) WATER Lab Sample ID: E1096-04A Sample wt/vol: Lab File ID: 5.000 (g/mL) ML V6E4799 Level: (low/med) LOW Date Received: 07/26/06 % Moisture: not dec. _____ Date Analyzed: 08/01/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: _____(uL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L COMPOUND Q

108-87-2Methylcyclohexane

Jake Staller

EPA SAMPLE NO.

623009GW7DL Lab Name: MITKEM CORPORATION - Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1096 Matrix: (soil/water) WATER Lab Sample ID: E1096-04ADL Sample wt/vol: 5.000 (gr/mL) ML Lab File ID: V6E4870 Level: (low/med) LOW Date Received: 07/26/06 % Moisture: not dec. Date Analyzed: 08/03/06 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor 25.0 Soil Extract Volume: (uL) Soil Aliquot Nolume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg)/UG/L · Q 75-71-8-----Dichlorodifluoromethane__ 120 U 74-87-3-----Chloromethane 120 ປ 75-01-4------Vinyl Chloride 120 U 74-83-9----Bromomethane 120 U 75-00-3-----Chloroethane 3300 D. 75-69-4----Trichlorofluoromethane 120 ប 75-35-4-----1,1-Dichloroethene_ 170 D 67-64-1-----Acetone 120 U 75-15-0-----Carbon Disulfide 120 U 75-09-2-----Methylene Chloride 120 U 156-60-5----trans-1,2-Dichloroethene 120 U 1634-04-4----Methyl tert-butyl ether 120 U 75-34-3-----1,1-Dichloroethane 2700 D 78-93-3-----2-Butanone / 156-59-2----cis-1,2-Dich/oroethene 120 U 120 U 67-66-3-----Chloroform 120 U 71-55-6-----1,1,1-Trichloroethane 1800 D 56-23-5-----Carbon Tetrachloride____ 120 JU 107-06-2----1,2-Dich1oroethane 120 0 71-43-2----Benzene/ 120 U 79-01-6-----Trichloroethene 120 U 78-87-5-----1,2-Dichloropropane_ 120 U 75-27-4-----Bromodichloromethane 120 U 10061-01-5----cis-1,3-Dichloropropene 120 U 108-10-1-----4/Methy1-2-pentanone 120 U 108-88-3-----**X**oluene 120 U 120 U 120 U 127-18-4----/--Tetrachloroethene 120 U 591-78-6----/---2-Hexanone 120 U 124-48-1----Dibromochloromethane 120 U 106-93-4--/---1,2-Dibromoethane____ 120 U 108-90-7-/-----Chlorobenzene 120 U 100-41-4-----Ethylbenzene 120 U

FORM I VOA

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EPA SAMPLE NO.

Lab Name: MITKEM CORI	PORATION Co	ontract:	623009GW7DL
Lab Code: MITKEM (Case No.:	SAS No.: SDG	No.: ME1096
Matrix: (soil/water)	WATER	Lab Sample ID:	E1096-04ADL
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6E4870
Level: (low/med)	LOW	Date Received:	07/26/06
% Moisture: not dec.		Date Analyzed:	08/03/06
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor	/
Soil Extract Volume:_	(uL)	Soil Aliquot Vo	olume: (uL)
CAS NO.		CONCENTRATION ENITS: (ug/L or ug/kg) UG/L	Q
100-42-5 75-25-2 98-82-8 79-34-5 541-73-1 106-46-7 95-50-1 96-12-8 120-82-1 76-13-1 79-20-9	BromoformIsopropylbenzene1,1,2,2-Tetrachlo1,3-Dichlorobenze1,4-Dichlorobenze1,2-Dichlorobenze1,2-Dibromo-3-ohl1,2,4-Trichlorobe1,1,2-Trichloro-1Methyl AcetateCyclohexane	oroezhane ene ene oropropane enzene .,2,2-Triflu	120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U 120 U
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EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:		'TB	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG	No.: ME10	96
Matrix: (soil/water)	WATER	Lab S	Sample ID:	E1096-05A	
Sample wt/vol:	5.000 (g/mL) ML	Lab F	ile ID:	V6E4800	
Level: (low/med)	LOW	Date	Received:	07/26/06	
% Moisture: not dec.		Date	Analyzed:	08/01/06	
GC Column: DB-624	ID: 0.25 (mm)	. Dilut	ion Facto	r: 1.0	
Soil Extract Volume:	(uL)	Soil	Aliquot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATI (ug/L or ug		Q	
74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 75-15-0 75-09-2 156-60-5 156-59-2 67-66-3 71-55-6 71-55-6 71-43-2 79-01-6 78-87-5 75-27-4 108-88-3 108-88-3 108-88-3 108-88-3 108-10-1 108-88-3 108-10-1 108-88-3 109-01-5 127-18-4 591-78-6 124-48-1 106-93-4	Carbon Disulfic-Methylene Chlorotrans-1,2-Dichloroetla-2-Butanonecis-1,2-Dichloroetla-2-Butanonecis-1,2-Dichlorotrachla-2-Dichloroetla-2-Dichloroetla-2-Dichloropra-2-BenzeneTrichloroetha-2-Dichlorome-cis-1,3-Dichlorome-cis-1,3-Dichlorotrans-1,2-Trichloroetla-1,1,2-Trichloro-Tetrachloroetha-2-HexanoneDibromochlorome-1,2-Dibromoetha-2-Chlorobenzene	omethane hene de ride loroethene tyl ether hane roethene loride hane e copane ethane ropropene tanone loropropene bethane			

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EPA SAMPLE NO.

Lab Name: MITKEM (CORPORATION (Contract:	TB	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: ME1096	 -
Matrix: (soil/wate	er) WATER	Lab Sample	ID: E1096-05A	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID	: V6E4800	
Level: (low/med)	LOW	Date Receive	ed: 07/26/06	
% Moisture: not de	ec	Date Analyz	ed: 08/01/06	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fac	ctor: 1.0	
Soil Extract Volum	ne:(uL)	Soil Aliquo	t Volume:	(u L)
CAS NO.	COMPOUND	CONCENTRATION UNIT (ug/L or ug/Kg) U		
100-42-5 75-25-2 98-82-8 79-34-5 541-73-1 106-46-7 95-50-1 96-12-8 120-82-1 76-13-1 79-20-9 110-81-7	Xylene (Total)StyreneBromoformIsopropylbenzen1,1,2,2-Tetrach1,4-Dichloroben1,2-Dichloroben1,2-Dibromo-3-c1,2,4-TrichloroMethyl AcetateCyclohexaneMethylcyclohexa	le Lloroethane Lizene L	555555555555555555555555555555555555555	



ATTACHMENT B SUPPORT DOCUMENTATION

LIMS-98896.

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						ECUN	U],									U	K	5)	
PBOJECT N	10. 77	12.00	<i>00</i> 6 Z		SITE NAME			P								LAB	Con-	7857		"	
SAMPLERS	(PRII	NT/SIGN/	ATURE)					15						BO	OXES						
SAMPLERS JOH	U	Boy	ρ	N	Quet Bend			E	OTTL	E TY	E AN	in pi	RESER	VATI) /E	PAGE	1	. ان سب	1		
			~				L.		200000120100		Ī	Ī				, AGE _		_ 01 . T			_
DELIVERY S	ERVI	ICE.	d Ex		_ AIRBILL NO.:		TOTAL NO.# OF CONTAINERS	6 LITER SUMMAS								REMA	VDK6	TYPE	VG V FEET)	FEET)	T. ON .E
LOCATION IDENTIFIER	 	ATE	TIME	COMP/ GRAB		MATRIX	TOTAL	がない		06	R					FA . 11 (20 12		SAMPLE	BEGINNING DEPTH (IN F	ENDING DEPTH (IN I	FIELD LOT NO. # (ERPIMS)
	7/2	6/16	1433	Zhi M	623009-V-10:	5 / G5	1	V			2	4	12	8	5	3433	1432	N.	_	40	
			1508		623009-V-115	Gs	1	1			2	4	2	8	6	1327	5015	N.		-	
		4	1538		623009-V-09						30		σ.	\circ				<u> </u>			
			1530	11	623009-V-95	165	1	1			7	4	1	8	***	1377	5040	1 1			
***************************************			1811	1	623009-V-15	65	1	-			3	4	3		6	1379		V,	•~	-	_
			1832		623009-V-2:		<u>'</u>	1			2		3	8	<u>ي</u> .	1310	5085	N_{\perp}	*	-	
		/	1854	+	623007-V-45	V	1	1			3	4	2	ε	9	1809	40	W.		•	
	7)-	7/06		+-+				/			3	4	2	9	0	4405	5071	Wi			
	716	7/06		+	62309-V-65		1	/			2	4	3	9	1	3373	5042	Ν,	-	-	
	ļ	<u> </u>	0945	┼-}-	623009-1-75		1	1			3	4	S	9	2	1374	5047	Ν,	-		
	ļ		1009	-	623019-V-53		1	/			2	4	Q	9	3	1365	5060	N,		-	-
	ļ	-	1202	 	62309-V-8		1	/			2	4	2	9	4	1386	5069	N.	-	-	-
		$\sqrt{}$,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	20060727 F	D-165		/			3	4	2	9	5	1368	5054	FR,		-	-
				<u> </u>																	
MATRIX CODES	s	A - AMBIE SE - SEDIN SH - HAZA		VASTE	sl - Sludge WP - Drinking Water WW - Waste Water	WG - GROUNE SO - SOIL DC - DRILL CU		(VL - LEA 3S - SOII VC - DRI	CHATE L GAS ILLING W	/ATER		WO - OCI WS - SUF WQ - WA	RFACE W	ATER	LH - HAZ LF - FLO	ARDOUS LIQU ATING/FREE P	JID WAS	TE ON G	W TABL	E
SAMPLE TYPE CODE:	S S	B# - TRIP D# - MAT	BLANK RIX SPIKE DUPL	ICATE	RB# - RINSE BLANK FR# - FIELD REPLICATE	N# - NORMAL MS# - MATRIX		MENTAL S		(# - :	SEQUEN	ITIAL N	JMBER (F	ROM 1	ю 9) то	ACCOMMODAT	E MULTIPLE S	AMPLES	S IN A S	INGLÉ (DAY)
RELINQUISH	IED	BY (SIG	SNATURE)	1 DA	J	/ED BY (sign/	JUPE)	خلنیس		DATE	TIM	1E .	SPECI	AL IN	ISTAL	ICTIONS	45 An	106:	2306	7-V.	.00
RELINQUISH	IFD.	BY Isio	NATIOE!	DA		ED FOR LAB	BV /or	NÉATO ID		DATE	TIA	<u> </u>	very	- TO /	IL BIE	it CALINOS) in 12	MIN	NTES	EACH	; <u> </u>
TILLING DIST	,LD	STEP.)	,		1/1/1/1/	M771	MAIDH		DATE たつらし	1110	1E /	ppear	t-to	le (10/ty /Day ttopo e So	ulde Forts (AUS	TINES Luil	119h	'
Distribution:	LINQUISHED BY (SIGNATURE) AT DATE TIME RECEIVED BY (SIGNATURE) DATE TIME SPECIAL INSTRUCTIONS SAMPLE NO 623007-V-85 WENT TO AMBIENT (Almost) in 12 MINUTES EACH! Appear to be faulty regulators (All fittings Tight: TOURS TOURS OF COORDINATOR FIELD FOR LAB BY (SIGNATURE) TOURS ANALYZE THESE SAMPLE, WE WILL CALL TO Clisius. John Boys - URS																				
JRSF-075C/1 OF 1/Co	(CB/CC	``							*******							· · · · · · · · · · · · · · · · · · ·					



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 8/16/2006

URS CORPORATION 77 GOODELL STREET BUFFALO, NY 14203 ATTN: JOHN BOYD

CONTRACT NUMBER: -PURCHASE ORDER NUMBER: -

PROJECT NUMBER: 11174772-00002

ANALYTICAL SUMMARY

LIMS BAT #:

LIMS-98896

JOB NUMBER: 11174772-00002

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

Comments:

LIMS BATCH NO.: LIMS-98896

REVISED REPORT

NARRATIVE SUMMARY

METHOD BLANKS WERE CONTAMINATED WITH TARGET ANALYTES AS LISTED BELOW: BLANK FOR SAMPLES 06B24285 - 06B24287, 06B24291 - 06B24293, AND 06B24295: ACETONE: 0.2 PPBV (0.4 UG/M3)

BLANK FOR SAMPLES 06B24288 - 06B24290 AND 06B24294:

ACETONE: 0.6 PPBV (1.4 UG/M3)

THERE ARE NO OTHER ANALYTICAL ISSUES THAT AFFECT THE USABILITY OF THE DATA.

DETAILED CASE NARRATIVE

METHOD TO-15

THE TO-15 METHOD BLANK WAS NOT CONTAMINATED WITH TARGET ANALYTES AT LEVELS ABOVE THE REPORTING LIMIT EXCEPT WHERE LISTED BELOW:

BLANK FOR SAMPLES 06B24285 - 06B24287, 06B24291 - 06B24293, AND 06B24295: ACETONE: 0.2 PPBV (0.4 UG/M3)

BLANK FOR SAMPLES 06B24288 - 06B24290 AND 06B24294:

ACETONE: 0.6 PPBV (1.4 UG/M3)

ALL TO-15 SAMPLES WERE ANALYZED UNDILUTED UNLESS SPECIFIED BELOW:

SAMPLE 06B24285 DILUTION

20X OF 400MLS (EFFECTIVE 50X OF 1000 MLS)

COMPOUNDS

ACETONE, ETHYLBENZENE, TOLUENE. 1,1,1-TRICHLOROETHANE, XYLENES.

1,1-DICHLOROETHANE, CHLOROETHANE,

1,2,4-TRIMETHYLBENZENE

ACETONE, ETHYLBENZENE, TOLUENE. 1,1,1-TRICHLOROETHANE, XYLENES, 1,1-DICHLOROETHANE, CHLOROETHANE,

1,2,4-TRIMETHYLBENZENE

06B24286

20X OF 400MLS (EFFECTIVE 50X OF 1000 MLS)

BENZENE, TOLUENE, ETHYLBENZENE

06B24287

20X OF 400MLS (EFFECTIVE 50X OF 1000 MLS)

ETHYLBENZENE, TOLUENE.

1,1,1-TRICHLOROETHANE, XYLENES,

1,1-DICHLOROETHANE, 1,2,4-TRIMETHYLBENZENE

06B24288

20X OF 400MLS (EFFECTIVE 50X OF 1000 MLS)

ACETONE, BENZENE, ETHYLBENZENE, 1,1,1-TRICHLOROETHANE, XYLENES,

1,1-DICHLOROETHANE, CARBON DISULFIDE

200X OF 400 MLS (EFFECTIVE 500X OF 1000 MLS) TOLUENE



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REPORT DATE 8/16/2006

URS CORPORATION 77 GOODELL STREET BUFFALO, NY 14203 ATTN: JOHN BOYD

CONTRACT NUMBER: -PURCHASE ORDER NUMBER: -

PROJECT NUMBER: 11174772-00002

ANALYTICAL SUMMARY

LIMS BAT #:

LIMS-98896

JOB NUMBER: 11174772-00002

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

06B24289

20X OF 400MLS (EFFECTIVE 50X OF 1000 MLS)

ACETONE, ETHYLBENZENE,

XYLENES, CARBON DISULFIDE

200X OF 400 MLS (EFFECTIVE 500X OF 1000 MLS) BENZENE, TOLUENE

06B24290

4X ONLY - LIMITED AIR VOLUME IN CANISTER

06B24291

06B24292

5X ENTIRE SAMPLE EXCEPT

20X 20X TOLUENE, 1,1-DICHLOROETHANE,

TETRACHLOROETHYLENE, TOLUENE,

1,1-DICHLOROETHYLENE, VINYL CHLORIDE, CHLOROETHANE, CIS-1,2-DICHLOROETHYLENE

400X

5X ENTIRE SAMPLE EXCEPT

20X 20X 1000X

CHLOROETHANE

1,1,1-TRICHLOROETHANE 1000X

1000X 1000X

1.1.2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1-DICHLOROETHYLENE

1,1-DICHLOROETHANE

06B24293

5X ENTIRE SAMPLE EXCEPT

20X

1000X 1000X **ETHYLBENZENE**

BENZENE, TOLUENE, 1,1-DICHLOROETHANE,

1,1-DICHLOROETHYLENE 1,1,1-TRICHLOROETHANE

5000X 5000X

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE

06B24294

8X ONLY - LIMITED AIR VOLUME IN CANISTER

06B24295

5X ENTIRE SAMPLE EXCEPT

20X 20X 1000X 1000X 1000X

BENZENE, TOLUENE, CHLOROETHANE

TETRACHLOROETHYLENE 1,1-DICHLOROETHANE, 1.1-DICHLOROETHYLENE. 1,1,1-TRICHLOROETHANE

1000X 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE

INITIAL AND CONTINUING CALIBRATIONS MET ALL REQUIRED PERFORMANCE STANDARDS FOR METHOD TO-15 EXCEPT AS LISTED BELOW: ALL STANDARDS MET

LABORATORY CONTROL SAMPLE RECOVERIES WERE ALL WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE OUTSIDE OF CONTROL LIMITS

LFBLANK-53719 IS ASSOCIATED WITH THE PRIMARY, UNDILUTED ANALYSIS FOR SAMPLES 06B24285 - 06B24287, 06B24291 - 06B24293, AND 06B24295:

LFBLANK-53722 IS ASSOCIATED WITH THE PRIMARY, UNDILUTED ANALYSIS FOR SAMPLES 06B24288 - 06B24290, AND 06B24294

ALL TO-15 SURROGATE STANDARD RECOVERIES WERE WITHIN CONTROL LIMITS SPECIFIED BY THE METHOD UNLESS LISTED BELOW: NONE OUTSIDE OF CONTROL LIMITS

TENTATIVELY IDENTIFIED COMPOUNDS (TICs) IF REQUESTED ARE LISTED BELOW: NOT REQUESTED

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

REPORT DATE 8/16/2006

URS CORPORATION 77 GOODELL STREET BUFFALO, NY 14203 ATTN: JOHN BOYD

CONTRACT NUMBER: -PURCHASE ORDER NUMBER: -

PROJECT NUMBER: 11174772-00002

ANALYTICAL SUMMARY

LIMS BAT #:

LIMS-98896

JOB NUMBER: 11174772-00002

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

AIHA 100033

AIHA ELLAP (LEAD) 100033

NEW HAMPSHIRE NELAP 2516

NEW JERSEY NELAP NJ MA007 (AIR)

MASSACHUSETTS MA0100 CONNECTICUT PH-0567

NEW YORK ELAP/NELAP 10899

VERMONT DOH (LEAD) No. LL015036

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod Kopyscinski

Sondra L. Slesinski

Director of Operations

Quality Assurance Officer

SIGNATURE

Edward Denson **Technical Director**

^{*} See end of data tabulation for notes and comments pertaining to this sample

Sequence Name: C:\MSDChem\l\sequence\F080306.S

Comment: Operator: WSD

Data Path: C:\MSDCHEM\1\DATA\F080306\

Instrument Control Pre-Seq Cmd: Pre-Seq Cmd: Data Analysis

Instrument Control Post-Seq Cmd: Data Analysis Post-Seq Cmd:

Method Sections To Run

(X) Full Method

(X) Inject Anyway

() Reprocessing Only

() Don't Inject

Line | Sample Name/Misc Info |
1) Blank | 1 F080301 S071306 BAKE OUT |
3) Calibration | 3 F080303 S071306 | 10 PPBV STD |
4) Sample | 2 F080304 S071306 | 10 PPBV STD |
5) Blank | 1 F080305 S071306 | MPB |
6) Blank | 1 F080305 S071306 | MPB |
7) Sample | 7 F080307 S071306 | MPB |
8) Sample | 1 F080308 S071306 | MPB |
9) Sample | 1 F080308 S071306 | MPB |
9) Sample | 1 F080308 S071306 | MPB |
10) Sample | 6 F080309 S071306 | MPB |
11) Sample | 1 F080309 S071306 | MPB |
12) Sample | 6 F080310 S071306 | MPB |
13) Sample | 1 F080311 S071306 | MPB |
14) Sample | 1 F080311 S071306 | MPB |
15) Sample | 1 F080311 S071306 | MPB |
16) Sample | 1 F080311 S071306 | MPB |
17) Sample | 1 F080311 S071306 | MPB |
18) Sample | 1 F080311 S071306 | MPB |
19) Sample | 1 F080311 S071306 | MPB |
10) Sample | 1 F080311 S071306 | MPB |
11) Sample | 1 F080311 S071306 | MPB |
12) Sample | 1 F080311 S071306 | MPB |
13) Sample | 1 F080312 S071306 | MPB |
14) Sample | 1 F080313 S071306 | MPB |
15) Sample | 1 F080314 S071306 | MPB |
16) Sample | 1 F080315 S071306 | MPB |
17) Sample | 1 F080316 S071306 | MPB |
18) Sample | 1 F080317 S071306 | MPB |
19) Sample | 1 F080318 S071306 | MPB |
10) Sample | 1 F080319 S071306 | MPB |
11) Sample | 1 F080319 S071306 | MPB |
12) Sample | 1 F080320 S071306 | MPB |
13) Sample | 1 F080321 S071306 | MPB |
14) Sample | 1 F080322 S071306 | MPB |
15) Sample | 1 F080322 S071306 | MPB |
16) Sample | 1 F080323 S071306 | MPB |
17) Sample | 1 F080325 S071306 |
18) Sample | 1 F080325 S071306 | MPB |
19) Sample | 1 F080325 S071306 |
10) Sample | 1 F080327 S071306 | MPB |
10) Sample | 1 F080328 S071306 |
10) Sample | 1 F080329 S071306 |
10) Sample | 1 F080329 S071306 |
10) Sample | 1 F080331 S071306 |
10) Sample | 1 F080329 S071306 |
10) Sample | 1 F080331 S071306 |
10) Sample | 1 F080329 S071306 |
10) Sample | 1 F080332 S071306 |
10) Sample | 1 F080332 S071306 |
10) Sample | 1 F080333 S071306 |
10) Sample | 1 F080333 S071306 |
10) Sample | 1 F080333 S071306 |
10) Sample | 1 F080333 S071306 |
10) Sample | 1 F080333 S07 _____

Last Modified: Tue Aug 01 09:39:53 2006

Page: 1

Data Path : C:\MSDChem\1\DATA\F080306\

Data File : F080303.D

Acq On : 3 Aug 2006 10:17 am Operator : WSD

Sample : 10 PPBV STD

Misc

Misc : ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 03 11:15:44 2006
Quant Method : C:\MSDChem\1\METHODS\S080106.M
Quant Title : INITIAL RTE INTERGRATOR METHOD
QLast Update : Wed Aug 02 15:43:29 2006
Response via : Initial Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF		%Dev Area%	
1	BROMOCHLOROMETHANE	1.000	1.000	0.0 126	0.00
2	PROPENE			-0.4 113	0.00
3	DICHLORODIFLUOROMETHANE	4.105	3.556	13.4 107	0.00
4	CHLOROMETHANE	0.686	0.650	5.2 116	0.00
5	FREON 114	3.490	3.086	11.6 110	0.00
6	VINYL CHLORIDE	0.888	0.798	10.1 109	0.00
7	1,3-BUTADIENE	0.706	0.625	11.5 111	
8	BROMOMETHANE	1.061	0.936	11.8 110	
9	CHLOROETHANE	0.450	0.395	12,2 112	0.00
10	ACETONE	1.927	1.275	(33.8 #) 112	
11	TRICHLOROFLUOROMETHANE	4.698		18.4 108	0.00
12	ETHANOL	0.296			
13	1,1-DICHLOROETHENE	1.779	1.571	11.7 110	
14	METHYLENE CHLORIDE	1.236	0.877		
15	FREON 113	2.468		12.4 109	
16	CARBON DISULFIDE	2.623	2.313	11.8 113	
17	TRANS-1,2-DICHLOROETHENE	1.383	1.263 1.564	8.7 114	
18	1,1-DICHLOROETHANE MTBE			9.1 115	
19	MTBE	2.686		4.7 111	
20	IPA	1.011	0.975		
21	2-BUTANONE (MEK)	1.403	1.333	8.5 114	
22	CIS-1,2-DICHLOROETHENE	1.322	1.215	8.1 113	
23	VINYL ACETATE	2.066	1.924	6.9 113	
24	HEXANE	1.086		15.1 111	
25	ETHYL ACETATE		0.132	-0.5 112	
26	CHLOROFORM	2.676		11.4 111	
27	TETRAHYDROFURAN	0.670		-1.2 116	
28	1,2-DICHLOROETHANE	1.914	1.663	13.1 107	0.00
29	1,4-DIFLUROBENZENE 1,1,1-TRICHLOROETHANE	1.000	1.000	0.0 133	
30	1,1,1-TRICHLOROETHANE	1.023	0.862	15.7 108	0.00
31	BENZENE	0.862	0.766	11.1 113	0.00
32	CARBON TETRACHLORIDE	1.180		16.4 107	
33	CYCLOHEXANE	0.238	0.206	13.4 113	
34	1,2-DICHLOROPROPANE	0.268	0.232		
35	BROMODICHLOROMETHANE	0.891	0.764	14.3 109	
36	TRICHLOROETHENE	0.490		17.8 111	
37	HEPTANE	0.223	0.130	TT . C TT T	
38	MIBK	0.427		4.4 111	
39	CIS-1,3-DICHLOROPROPENE TRANS-1,3-DICHLOROPROPENE	0.483	0.444	8.1 111	
40	TRANS-1,3-DICHLOROPROPENE	0.520	0.497	4.4 109	0.00
41 I	CHLOROBENZENE-D5 ISTD	1.000	1.000	0.0 138	
42	1,1,2-TRICHLOROETHANE	0.497		15.7 111	
43	TOLUENE	1.439	1.230		
44	2-HEXANONE (MBK)	0.482		0.8 112	
45	DIBROMOCHLOROMETHANE	1.207	0.995	17.6 107	0.00

CH/	AIN (OF C	US.	TODY REC	O R	D				TEST	'S	T		TT	D	C		
PROJECT I				SITE NAME BOWWAX -WARK			8360 B							LAB_ALL	MIT	KEN	1	
SAMPLERS	(PRINT/SIGN	ATURE)	$\overline{}$	1 111	<u> </u>		800000000000000000000000000000000000000							COOLER	of .			_
<u> </u>	UNNI	Dey D	\rightarrow	eluttoy!		T	В	OTTLE	ETYP	E AND	PRESE	VITAVE	E	PAGE	of .			_
DELIVERY S	GHN E	lex_		_ AIRBILL NO.:		TOTAL NO.# OF CONTAINERS	ML							REMARKS	TYPE	BEGINNING DEPTH (IN FEET)	IN FEET	100
LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL CONT,	9								SAMPLE	BEGINN	ENDING DEPTH (IN	֓֞֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֝
	7/25/06	1000	GRAS	<u> </u>	WG	2									W			
	l '	1000		623009-GW-2 MS	W6	2	1								Mg	_	_	
		1000		623-009-GW-2 MSD	W6	2	1								MSD	-	-	•
		1150			WG	2									h,	_	-	•
		1545		623009-GN-5	WG	Z	U				-				W,	_	-	
**************************************		1650	9	62309-6W-7 TRIP HHALL	WG	2	V								N.	_	-	•
	V			TRIP PAHALE	-	2	/								TB		-	•
														:				
														•				
		1]					
MATRIX CODES	AA - AMBI SE - SEDII SH - HAZA		VASTE	WP - DRINKING WATER SO	- GROUNI - SOIL - DRILL CU		G	VL - LEAC IS - SOIL VC - DRIL		ATER	WS - SU	DEAN WAT URFACE W ATER FIEL	ATER	LH - HAZARDOUS LIG LF - FLOATING/FREE			W TAI	!
SAMPLE TYPE CODE	600566	TRIX SPIKE DUPL		FR# - FIELD REPLICATE MS	- NORMAL # - MATRIX		MENTAL S	AMPLE	(# - S	SEQUENTIA	L NUMBER (FROM 1 T	O 9) TO	ACCOMMODATE MULTIPLE	SAMPLES	S IN A S	SINGLI	•
RELINQUISI	rueve	//(S COAT	TE TIME RECEIVED B	Y (sign	ATURE)		ַ	DATE	TIME	SPEC	CAW!	STRU	ictions - Ann Man	ė.			
RELINGUISI	HED BY (st	GNATURE)	DAT	TE TIME PRÉDEIVED FO	DAT LAB	BY (SI	GNATUR		DATE		K	opo	VITA	ch at 716 8	36	56.	36	•
				copy to coordinator field fin	Del	BY (SI	GNATUR				K	oup.	uta esto	ictions - Ann Man - La At 716 E	36	5	6.	636

URSF-075C/1 OF 1/CofCR/GCM

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to URS Corporation's Bomax Manufacturing project. Under this deliverable, analysis results are presented for five aqueous samples that were received on July 26, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Sample Identifications were shortened where necessary due to limitations in data reporting software. Following the narrative is a table of sample identifications for cross-referencing full client sample ID, shortened client sample ID and laboratory sample ID, along with the Mitkem Work Order.

The analyses were performed according to NYSDEC ASP protocols (2000 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Trap used for instruments V1 and V6: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

The aqueous samples were not acid preserved; pH 7.

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of high recovery of 1,2-dichloroethane and low recovery of dibromochloromethane in V1TLCS and marginally low recovery of chloroform in V6ZLCS.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample 623009GW2. Spike recoveries were within the QC limits with the exception of marginally high recovery of 1,2-dichloroethane in the matrix spike and marginally low recovery of dibromochloromethane in the matrix spike duplicate. Replicate RPDs were within the QC limits.

Sample analysis: internal standard area counts were within QC criteria with the exception of sample 623009GW5. The sample was re-analyzed at dilution with internal standard area counts within QC criteria. Due to the high concentration of target analytes, the following samples were re-analyzed at dilution: 623009GW5 (1000x) and 623009GW7 (25x). No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng

CLP Project Manager

08/16/06

FORM 3 WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME1096

Matrix Spike - Sample No.: V6ZLCS

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED		CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
======================================	=======	=========	========	=====	=====
Dichlorodifluoromethane	50		33	66	48-135
Chloromethane	50		38	76	60-118
Vinyl Chloride	50		40	80	65-113
Bromomethane	50		42	84	73-122
Chloroethane	50		44	88	72-118
Trichlorofluoromethane	50		40	80	68-129
1,1-Dichloroethene	50		41	82	67-121
Acetone	50		55	110	38-161
Carbon Disulfide	50		38	76	53-137
Methylene Chloride	50		.46	92	59-132
trans-1,2-Dichloroethen	. 50		42	84	71-124
Methyl tert-butyl ether	50		51	102	75-123
1,1-Dichloroethane	. 50		42	. 84	83-116
2-Butanone	50		54	108	64-139
cis-1,2-Dichloroethene	50		45	90	83-120
Chloroform	50		44	88*	× 89-118
1,1,1-Trichloroethane	50		41	82	81-122
Carbon Tetrachloride	50		41	82	79-125
1,2-Dichloroethane	50		50	100	83-123
Benzene	50		45	90	81-120
Trichloroethene	50		.43	86	77-121
1,2-Dichloropropane	50		47	94	81-116
Bromodichloromethane	50		46	92	90-114
cis-1,3-Dichloropropene	50		48	96	78-119
4-Methyl-2-pentanone	50		51	102	57-138
Toluene	50		45	90	81-121
trans-1,3-Dichloroprope	50		48	96	85-118
1,1,2-Trichloroethane	50		51	102	44-159
Column to be used to file					

[#] Column to be used to flag recovery and RPD values with an asterisk

COMMENTS:	

^{*} Values outside of QC limits

8A VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1096

Lab File ID (Standard): V6E4791

Date Analyzed: 08/01/06

Instrument ID: V6

Time Analyzed: 1019

GC Column: DB-624

ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1		IS2 (CBZ)	r	IS3 (DCB)	· · · · · · · · · · · · · · · · · · ·
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	=======================================	========	======	71CEA 17		AREA #	=======
	12 HOUR STD	1532145	5.63	1228666	9.22	713212	12.19
	UPPER LIMIT	3064290	6.13	2457332	9.72	1426424	12.19
	LOWER LIMIT	766073	5.13	614333	8.72	356606	11.69
	=========	========	======	========			11.69
•	EPA SAMPLE						
	NO.				·		
	=========	=======	======	========		========	
01	VBLK6Z	1427178	5.63	1080801	9.22	565914	12.19
02	V6ZLCS	1365978	5.63	1079707	9.21	624109	12.19
03	623009GW1	979475	5.64	744192	9.21	394008	12.19
04	623009GW5	721878*	5.63	€607676*	9.22	332085*	
05	623009GW7	879971	5.63	669286	9.22	361702	12.19
06	TB	1144832	5.64	881849	9.22	482490	12.19
07	623009GW2	1280173	5.64	1056745	9.21	526158	12.19
08							
09						•.	
10							
11							
12							
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16							
17							
18	· · · · · · · · · · · · · · · · · · ·						
19							
20							
21							
22							

IS1

= Fluorobenzene

IS2

(CBZ) = Chlorobenzene-d5

(DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT RT LOWER LIMIT = - 0.50 minutes of internal standard RT

[#] Column used to flag values outside QC limits with an asterisk.

^{*} Values outside of QC limits.

5A VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1096

Lab File ID: V6E4790

BFB Injection Date: 08/01/06

Instrument ID: V6 BFB Injection Time: 0956

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50 75 95 96 173 174 175 176	15.0 - 40.0% of mass 95 30.0 - 60.0% of mass 95 Base Peak, 100% relative abundance 5.0 - 9.0% of mass 95 Less than 2.0% of mass 174 50.0 - 100.0% of mass 95 5.0 - 9.0% of mass 174 95.0 - 101.0% of mass 174 5.0 - 9.0% of mass 176	23.4 56.5 100.0 6.1 0.6 (0.7)1 88.9 6.5 (7.4)1 85.5 (96.1)1 5.5 (6.4)2
1	1-Value is % mass 174 2-Value is % mass	176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
	=========	=======================================	=============	74441212	ANALIZED
01	VSTD0506Z	VSTD0506Z	V6E4791	08/01/06	1019
02	VBLK6Z	MB-25083	V6E4792	08/01/06	1119
03	V6ZLCS	LCS-25083	V6E4793	08/01/06	1154
04	623009GW1	E1096-02A	V6E4797	08/01/06	1345
05	623009GW5	E1096-03A	V6E4798	08/01/06	1410
06	623009GW7	E1096-04A	V6E4799	08/01/06	1436
07	TB	E1096-05A	V6E4800	08/01/06	1501
80	623009GW2	E1096-01A	V6E4801	08/01/06	1526
09					
10					
11		***			
12					
13					
14 15					
16					
17					
18		-			
19					
20					
21					
22					

page 1 of 1

FORM V VOA

OLM03.0

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1096

Instrument ID: V6 Calibration Date: 08/01/06 Time: 1019

Lab File ID: V6E4791

Init. Calib. Date(s): 05/15/06 05/15/06

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D = >= ₹≅>	MAX %D
Dichlorodifluoromethane	0.230	0.178	0.01		20.0
Chloromethane	0.435	0.349			20.0
Vinyl Chloride	0.359	0.313	0.01		20.0
Bromomethane	0.259	0.221	0.01	14.7	
Chloroethane	0.206	0.188	0.01		20.0
Trichlorofluoromethane	0.533	0.493	0.01	7.5	20.0
1,1-Dichloroethene	0.270	0.232	0.01		20.0
Acetone	0.105	0.114	0.01		
Carbon Disulfide	0.929	0.763	0.01		
Methylene Chloride	0.287	0.254	0.01		
trans-1,2-Dichloroethene	0.305	0.270	0.01		20.0
Methyl tert-butyl ether	0.868	0.801	0.01	7.7	20.0
1,1-Dichloroethane	0.575	0.476	0.1	17.2	20.0
2-Butanone	0.145	0.148	0.01	2.1	20.0
cis-1,2-Dichloroethene	0.317	0.284	0.01	10.4	
Chloroform	0.640	0.553	0.01	13.6	
1,1,1-Trichloroethane	0.584	0.512	0.01	12.3	
Carbon Tetrachloride	0.543	0.499	0.01	8.1	
1,2-Dichloroethane	0.502	0.446	0.01	11.2	
Benzene	1.162	1.025	0.01	11.8	
Trichloroethene	0.334	0.302	0.01	9.6	20.0
1,2-Dichloropropane	0.309	0.273	0.01	11.6	20.0
Bromodichloromethane	0.462	0.423	0.01	8.4	20.0
cis-1,3-Dichloropropene	0.502	0.453	0.01	9.8	20.0
4-Methyl-2-pentanone	0.304	0.264	0.01		20.0
Toluene	1.253	1.137	0.01	9.2	20.0
trans-1,3-Dichloropropene	0.491	0.429	0.01	12.6	20.0
1,1,2-Trichloroethane	0.250	0.229	0.01	8.4	20.0
Tetrachloroethene	0.353	0.328	0.01	7.1	20.0
2-Hexanone	0.272	0.258	0.01	5.1	
Dibromochloromethane	0.485	0.425	0.01	12.4	20.0
1,2-Dibromoethane	0.389	0.325	0.01	16.4	20.0
Chlorobenzene	1.080	0.945	0.3	12.5	20.0
Ethylbenzene	0.576	0.504	0.01	12.5	
Xylene (Total)	0.698	0.635	0.01	9.0	
Styrene_	1.147	1.039	0.01	9.4	20.0
Bromoform	0.335	0.308	0.1	8.0	20.0
					·

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME1096

Instrument ID: V6 Calibration Date: 08/01/06 Time: 1019

Heated Purge: (Y/N) N Init. Calib. Times: 1146 1357

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX
=======================================			KKF	لاة	%D
Isopropylbenzene	1.700	1.573	0 01	=====	====
1,1,2,2-Tetrachloroethane			0.01		20.0
1,3-Dichlorobenzene	0.885	0.730	0,.3	_	
	1.746	1.464	0.01		20.0
1,4-Dichlorobenzene	1.737	1.448	0.01		20.0
1,2-Dichlorobenzene	1.639	1.362	0.01		20.0
1,2-Dibromo-3-chloropropane	0.178	0.131	0.01	26.4	20.0 <
1,2,4-Trichlorobenzene	1.138	0.815	0.01	(28.4)	20.0 <
1,1,2-Trichloro-1,2,2-Triflu	0.300	0.286	0.01		20.0
Methyl Acetate	0.212	0.196	0.01	7.5	
Cyclohexane	0.551	0.490	0.01	11.1	20.0
Methylcyclohexane	0.495	0.469	0.01		20.0
Freon114	0.357	0.357	0.01		20.0
=======================================	======		=======		
Dibromofluoromethane	0.303	0.283	0.01	6 6	20.0
1,2-Dichloroethane-d4	0.062	0.056	0.01		
Toluene-d8	1.237	1.096			20.0
Bromofluorobenzene			0.01		
promortaoropenzene	0.519	0.477	0.01	8.1	20.0

ATTACHMENT D

SOIL VAPOR SAMPLING RECORDS AND CHAIN OF CUSTODY FORMS

Summa Canister Sampling Field Data Sheet

Site: BOMAX - WATER TOWN
Samplers: JOHN BOYD URS TOM FESTA DEC

Date: 7/26/06

Date. 4/20					
Sample #	623009- 4B S	623009-V-10	5 G23009-V-115	623 009-4-09	623 009-V-13
Location	BOWMAX	\rightarrow	>	→ .	->
Summa Canister ID	3510	3473	1327	1379	1310
Flow Controller ID	5063 ZHR	5021	5015	5040	5085
Additional Tubing Added	NO/ How much	YES - How much	YES - How much	NOA) YES - How much	YES - How much
Purge Time (Start)	1054	'426	X 1457	1525	1806
Furge Time (Stop)	1100	1432	1502	1530	1811
Total Purge Time (min)	6 Min	6 Min	5 Min	5 MIN	5 min
Purge Volume	1 LIBA	LITER	1 CITER	PLITTE	LITER
PID Test of Purge Air	0.0	194:	208	73	470
Initial Tracer Gas Results	3050 1) O.D (98.6	0.0 (97.6)	0.0 (97.8)	00
Pressure Gauge - before sampling	-30	-28	-25	H-30+	- 26
Sample Time (Start)	1100	1433	1508	1530	1814
Sample Time (Stop)	IST-1625	1557	1645	1730	1954
Total Sample Time (min)	325 MIN	84 Mir	97 min	2 M.	loo mir
Pressure Gauge - after sampling	-30	-4	-4	-4	-3
Sample Volume	6 CIPE	6 LITER	6 CIFER	6 LIBR	6 LITER
Canister Pressure Went To Ambient Pressure?	YES (NO)	YES /NO	YES / 10	YES NO	YES(NO)
Final Tracer Gas Results	OONA	0.08pm	izoopph	Offm	2850 PM
Associated Ambient Air Sample Number	NA	NA Helmar	NA Helium Y.	NA Heliamin	MA Heliumy.
General Comments:	time Helion	1547 71.58		1617 76201	190061.2-
NOTES	1543 47.8 (G) 1550 (C) DID NOT		1612 83.1 (12) 1612 76.2 (8)	1704 64.\$ 1	1938 76.5 (-3)
· · · · · · · · · · · · · · · · · · ·	ANALy3E			4	

Summa Canister Sampling Field Data Sheet

Site: 10 MAX
Samplers: ToluBoyo VAS Tom FESTA NYSDEC
Date: 7/27/06

	473MQ-V-65	623092	20060727-FD	11/	673009-V-
Sample #	623601-11-05	- 4 53 V-75		673009-V-5	\$ 62704
Location	BOWMAX	→ ·		→	->
Location		1374	12/0	. 7 / 5	1701
Summa Canister ID	3373	1365	1368	1365	1386
Flow Controller ID	5042	5060	5054	5060	5069
Additional Tubing Added	YES - How much	YES How much	YES - How much	YES - How much	YES - How mucl
Purge Time (Start)	0845	09/8	0918	1002	1154
Purge Time (Stop)	0850	0923	09 23	1008	1159
Total Purge Time (min)	5 Min	5 Min	5 MIV	6 min	5 M.W
Purge Volume	1 LITER.	1 LITER	1 LIBL	1 Lite	1 LITEL
PID Test of Purge Air	0 ppn	Offn	OPPM	OPPM	Oppn
nitial Tracer Gas Results	6%	500 PPM	500 PP		OPPM
Pressure Gauge - before sampling	-30	-30	-27	-22.5	-29.5
Sample Time (Start)	0902	0945	0945	1009	1202
Sample Time (Stop)	1040	1119	1119	1132	1214
Total Sample Time (min)	98, MIN	94 Mir	94min	83 Min	12 Min
Pressure Gauge - after sampling	-3.5	- 10	- 2	-2	-/
Sample Volume	6 LITER	6 LIBL	6 LIPEL	6 (1PER	6 LIFER
Canister Pressure Went To Ambient Pressure?	YES (NO)	YES / NO	YES (NO	YES (NO)	YES (NO
Final Tracer Gas Results	7.7	500 Ppn	500 ppn	1700 PM	Olph
Associated Ambient Air Sample Number	NA HElwar VAC	NA Helon VAC	NA	NA THE Helium VAC	NA
General Comments:	1011 629 -10	1044 53.4 (M) 1054 55.0 (M)	Dup of 123009-V-75	1109 40 (8)	

Summa Canister Sampling Field Data Sheet

Site: B.C	MAX				Å	
Samplers:	JOHN 15270	URS	Tom FETA	NYSDEC	The same	
Date:	7/26/06					

	6/00				
Sample #	623009-V-2	s 623009-V-4.	5		
Location	BOWMAX	BOWMAX			
Summa Canister ID	1809	4405	×		
Flow Controller ID	40	5071	,		
Additional Tubing Added	YES - How much	YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	1825	1845			
Purge Time (Stop)	1830	1850			
Total Purge Time (min)	5 pin	5 Min			
Purge Volume	1 CITER	1 LITEL	·		
PID Test of Purge Air	793	250			
Initial Tracer Gas Results	Orpm.	orph			,
Pressure Gauge - before sampling	-30 ⁺ (3)	-30			
Sample Time (Start)	1832	1854			
Sample Time (Stop)	1946	1906			
Total Sample Time (min)	74 MIN	12 min			
Pressure Gauge - after sampling	-6	-3			
Sample Volume	6 Little	6 Littl			
Canister Pressure Went To Ambient Pressure?	YES /NO	YES (NO)	YES / NO	YES / NO	YES / NO
Final Tracer Gas Results	8400 ppm	OPPM.			
Associated Ambient Air Sample Number	TIME, Helson, VAC	THE Helium 1.			
General Comments:	1902 59.1 (-20)	905 70.4			·
	1942 67.8 -6	,			called Society of College
			······		

CHI	CHAIN OF CUSTODY RECORD						TESTS					TH		C			
			<u> </u>	TOD! NEC		<u></u>							U.	K	D)	
*PROJECT N	10.	· ·		SITE NAME COWNAX			R					LAB	Con-	1851			
	772 00			- YMMY WOCI -			101						7	Boy	125		
TOU	(PRINT/SIGNA	TURE)		Cethan						-11-0		COOLE	H	Oī .			
		C		-Collegn			P	HILE	HTE	ANUST	RESERVATIVE	PAGE_		of .			_
DELIVERY S	ERVICE	1 Ex		_ AIRBILL NO.:		TOTAL NO.# OF CONTAINERS	N. A.S.					REM	ARKS	TYPE	BEGINNING DEPTH (IN FEET)	IN FEET)	FIELD LOT NO. # (ERPIMS)
LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL CONTA	50m					(A 172 A		SAMPLE	BEGINNI DEPTH (ENDING DEPTH (IN	FIELD L
	7/26/06	1433	Zhu Ad	623009-V-105	GS	1	1					3433	7432	N	+		_
		1508		62309-V-115	G5	1	1/					1327	5015	4)	-	_	
		1530		623000 V-095	-				136	3		1267					
	45 Aug.	1530		62309-V-95	65	1			十			1777	5040	11	┼		
	1	1811		T	65	-	1		-			1379		ν	-		<u> </u>
		1832			65	'	1		-			1310	4085	N	-	-	-
		1854	++-	623009-V-45	G5		+			_	+	1809	40	N.	_		-
	7/27/06		++	623009-V-65	6		1	_				4405	5071	W	-		-
	110100	0945	++-	e .		<u> </u>	 	_				3373		N,			-
	+		++-		65		 		-	_		1374	5047	N.	_	-	_
		1009	++	623009-V-5S	GS		14					1365	5060	N.	-	-	_
		1202	++-	62309-V-85	65		14					1386	5069	N		-	-
	V		+4	20060727-FD-1	65		1/	\dashv				1368	5054	FR,	-	-	_
	AA AMEDI	FA (T A)D															<u> </u>
MATRIX CODES	SE - SEDIA SH - HAZA		WASTE	WP - DRINKING WATER SO	G - GROUND C - SOIL C - DRILL CU		G	'L - LEACH S - SOIL G 'C - DRILLI		R	WO - OCEAN WATER WS - SURFACE WATE WQ - WATER FIELD Q	R LF - FL	AZARDOUS LIC OATING/FREE			SW TAB	LE
SAMPLE TYPE CODE	TB# - TRIP SD# - MA1	P BLANK TRIX SPIKE DUPL	LICATE		F - NORMAL S# - MATRIX		IMENTAL S	AMPLE	(# - SEC	UENTIAL	NUMBER (FROM 1 TO 9	ТО АССОММОВА	ATE MULTIPLE	SAMPLE	ES IN A	SINGLE	DAY)
RELINQUIS	HED BY (sid				Y (SIGN/	ATURE)		Di	ATE	TIME	SPECIAL INST	RUCTIONS					
Ju	11/2		442	7420							SAMPLE NOS	623009 - V	1-45 A	NP6	, 2.300	99-1 554	-8
RELINQUIS	HED BY (signal)	GNATURE)	DÁ	TE TIME RECEIVED FO	OR LAB	BY (si	IGNATURI	i) D/	ATE	TIME	Appear to be	LAUITY 10	gulo tors	CALL	KITME	55 T/5	4
i j	Sar	1									Want 10 Am Appear to be Please Analy	38 these S	ample.	W	l Wil	CAL	1
44.54	Original as	aamaaniaa (~ i ~ ~ ~ ~ ~	nt, copy to coordinator field fil	ilaa						to cliscuss.	Ant. B.	al - UR	5			

ATTACHMENT E

GROUNDWATER SAMPLING RECORDS AND CHAIN OF CUSTODY FORMS

Project:	BOMA	< - NY.	s DEC	Site	BOMA, WATER	youn N'	/ I.D.	623009 :	16w-1
Date:	H25/0	6 Samplir	ng Personne	el: John	BoyD	-	_ Company	: URS Co	prporation
Purging Samplin Device:		mp		Tubing Type	3/8-" po	lyEThylEns	Pump/Tubing Inlet Location:	4	. /
Measurin Point:	GARL	Initial Depth to Water:	3.8'	Depth to Well Bottom:	4'	Boring Diameter:	<u>3"</u>	Screen Length:	Mone
Casing Type:	non	۷	•	Volume in 1 Well Casing (liters):	NA	-	Estimated Purge Volume (liters):	NA	-
		09-GW :	^	Sample Time:	18 1080	5 //50	QA/QC:		
Remarks:	1 0	.0. /							1
pur	nged	by C	540 DU	mp/p	LUSTA	robe B	oring.	SAMP	Red
for	Vocs	OVIA	8260	13.	Angl	e pla	sel in	2 GARWELL	HOML DI
VI	es au	y sev	4 /0	Milken	Utuoti	940(188	a u	ricuse	- /-
									
			and a second of the second						

Project: BOMAX - NYS DEC Site: WATER FORM NY I.D.:	309-GW-
Date: 7/25/06 Sampling Personnel: JOHN BOYD Company:	JRS Corporation
	Screen Mone ength:
Sample ID: 623009 - GW - 2 Sample 1000 QA/QC: ME Sample Parameters: 5360 B	,/MSD
Remarks: GRAG SAMPLE from open-hole groperobe borning. S pumped by Gropump (peristaltic jump) & SA for VOCS (VIA 8260 B), Sample placed in :	Ample myled 2. 40 ML
Cries and sent to Mithem CABOTATORIES in WAR	wele, RT

Project:	BOMA;	x - NY.	s DEC	Site	BOMA WHTEL	jour Ny	. •	23009	-Gw-5
Date:	H25/0	Samplir	ng Personne	el: John	BoyD		_ Company:	URS Co	rporation
Purging/ Sampling Device:		mp		Tubing Type	3/8-"po	lyeThylene	Pump/Tubing Inlet	3.5	
Measuring Point:	GALL	Initial Depth to Water:	3.2	Depth to _Well Bottom Bowy	3.6	Boring Diameter:	3"	Screen Length:	Mone
Casing Type:	non	١		Volume in 1 Well Casing (liters):		-	Estimated Purge Volume (liters):	NA	-
		09-GW 5360		Sample Time:	1545	-	QA/QC:		
Remarks:	1 SANY	gle /po	m open	n-hole	aro k	robe b	ornia.	Sample	
pun	yed VOCS	by C VIA	3260 PU	mp (LISTA. Sangle	TIC JUN	p) ? :	SAMPE Z	ED ML
4/1/8	es au	I ser	Y 70	Milken	Abou	A TON IES	in ax	Purch	E, RT
			······································	<u>.</u>					
				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				

Project:	BOMAX	- NY.	s DEC	Site	BOMA; :: WHTEL T	x roun N		Z <i>300</i> 9:	- 64 -
Date:	H25/00	Samplii	ng Personne	1: John	BoyD		_ Company	: URS Co	orporation
Purging/ Sampling Device:	1/2.0	mp		Tubing Type	3/8-"pol	y EThylen	Pump/Tubing Inlet Location:	3.5	3
Measuring Point:	grade	Initial Depth to Water:	3.1	Depth to	77	Boring Diameter:	3"	Screen Length:	Mone
Casing Type:	Mon	۷		Volume in 1 Well Casing (liters):	NA		Estimated Purge Volume (liters):	NA	-
	: 623CX			Sample Time:	1650		QA/QC:		
Remarks:	-								
GRAL	SAM	le pro	n oper	-hole	grops	solve b	ornia.	Same	1,
for	yed.	1	3260 PV	np (p	Gryle Sangle	Tic jun	y) ?	SAmple 2	Ed ML
VILE	s du	I sen	y 70 /	UTKEN	LAHOTA	TONIES	in ax	purch	RZ
				·		·			

UT!	AIN C	JF CI	U5	TODY REC	OR	D					STS	T	T		U	R		İ
PROJECT NO.				SITE NAME	<u> </u>	00								0.1	The same	California		
SAMPLERS	OUNE	SOVA		BOWNAX - WATER	F - 134-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	0963								COOLER	_ L of _]			
DELIVERY S	FERVICE:	LEX		_ AIRBILL NO.:	<u> </u>	NO.# OF		91ar	= 111	EAN	B E	RESER	VATIN	/E	PAGE	of _		
LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	Z Z	TW OT								REMARKS	SAMPLE TY	BEGINNING DEPTH (IN FI	
	7/25/06	1000	6145		WG	2										N,	, us	1
		10 00	$\downarrow \downarrow$	623009-GW-Z M5	46	2_	V									MS		1
<u> </u>		1000	44	623-009-GW-Z MSD		2	V									MSD	1	+
		1150		623009-GW-1	WG	 	V									W,		+
	1	1545		623009-GW-5	WG		V									W.		+
		1650	10	623009-GW-7	WG	+	V									N.	-	+
	 '		-	TRIP Strake		2_	14				<u> </u>					TB		†
	+						1											t
					 						<u> </u>				4			1
							1-1					1						I
			+			-	1-1				<u> </u>	1						1
	1		+		-	-	1							11				
MATRIX CODES SAMPLE TYPE CODE	TB# - TRIP	MENT ARDOUS SOLID W	U ICATE	SL - SLUDGE WP - DRINKING WATER WP - DRINKING WATER SO - SOIL DC - DRILL CUTTINGS WC - DRILLING WATER WQ - WATER FIELD QC RB# - RINSE BLANK N# - NORMAL ENVIRONMENTAL SAMPLE								WATER LD QC	LH - HAZARDOUS LI LF - FLOATING/FREE	E PRODUC	T ON C	_		
RELINQUISI	VIE CARES CO. MITTOUR CO.			S# - MATRIX	X SPIKE	E) DATE TIME SI				SPECIAL INSTRUCTIONS CONTACT Ann Marie Krops VITCH at 716 856						_		