

August 2, 2001

Mr. Nnamdi Madakor Department of Ecology Northwest Regional Office 3190 160th Avenue SE Bellevue, Washington 98008-5452

> Summary Report Quarterly Confirmational Groundwater Monitoring Former Forest Park Cleaners Seattle, Washington TCP I.D. # NW0167 URS Job # 53-28171927.00

Dear Mr. Madakor:

INTRODUCTION & BACKGROUND

This summary report provides the results of the fourth quarter confirmational groundwater monitoring conducted as part of the Voluntary Cleanup Action at the former Forest Park Cleaners in Lake Forest Park, Washington, conducted on behalf of Seattle LFP Associates, L.P. A summary of the three prior quarterly confirmational sampling rounds is also presented in this report. We previously submitted the results of the first round of the confirmational groundwater sampling to Department of Ecology (Ecology) in our report Letter Report, Additional Groundwater Remediation and Groundwater Sampling Results, Former Forest Park Cleaners dated November 27, 2000. The second and third quarters of monitoring data were provided to Ecology in letters of transmittal dated December 26, 2000, and April 25, 2001, respectively.

As documented in our prior submittals to Ecology, tetrachloroethene (PCE) and its common degradation products (e.g., cis-1, 2-dichloroethene [DCE], trichloroethene [TCE] and vinyl choride [VC]) were formerly detected in the soil and groundwater in the vicinity of the former Forest Park Cleaners at concentrations exceeding the Model Toxics Control Act (MTCA) Method A and B cleanup levels. A voluntary cleanup was performed from March 1999 through August 2000, which consisted of six-phase heating (SPH), air sparging, and in situ chemical oxidation.

The purpose of the confirmational groundwater monitoring was: (1) assess any seasonal variations in volatile organic compound (VOC) concentrations, and (2) evaluate the long-term effectiveness of the remedial action. The sampling methods, analytical results, and our conclusions are provided below.

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URS Corporation 1400 Century Square 1501 4th Avenue Seattle, WA 98101-1616 Tel: 206.438.2700 Fax: 206.438.2699



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SAMPLING PROCEDURES AND RESULTS

Groundwater sampling was conducted on a quarterly basis from September 2000 to June 2001. The monitoring was performed in conformance with Ecology's *Guidance on Sampling and Data Analysis Methods* (Ecology 1995). Groundwater samples were collected from monitoring wells FPC-1 through FPC-10S and 10D, with the exception of FPC-6 (Figure 1). Prior to sampling, the depth to groundwater was measured in each monitoring well as summarized in Table 1. The monitoring wells were purged and sampled using low-flow groundwater sampling procedures in conformance with U.S. Environmental Protection Agency (EPA) guidelines (USEPA 1995). Appropriate quality assurance/quality control (QA/QC) measures were instituted during the groundwater sampling. Samples were stored in cooled ice chests and transported to the analytical laboratory under chain-of-custody protocol.

Groundwater samples were analyzed for chlorinated VOCs by EPA Method 8260B. The analytical testing was conducted by North Creek Analytical, an Ecology-accredited laboratory in Bothell, Washington. The laboratory reports are provided in Appendix A. The sampling results for the four quarters of confirmational monitoring are summarized in Tables 1 and 2 and shown on Figure 1.

CONCLUSIONS

The results of the confirmational groundwater monitoring conducted following the completion of the remedial actions implemented at the Forest Park Cleaners indicate that the former source areas have been successfully cleaned up. The groundwater data confirm that residual levels of PCE are no longer present in the saturated zone soils or dissolved phase groundwater with the exception of VC. The common degradation products of PCE (e.g., DCE and TCE) have been detected at selected monitoring well locations at concentrations well below the MTCA Methods A and B cleanup levels.

VC has been detected intermittently at 4 of the 12 monitoring wells over the entire monitoring period. VC has only consistently been detected in the groundwater samples from monitoring well FPC-9S. Monitoring well FPC-3 is situated downgradient of FPC-9S and the levels of VC in FPC-3 have ranged from not detected to $0.636~\mu g/L$. A graph depicting the VC concentrations in wells FPC-3 and FPC-9S is shown on Figure 2. The graph indicates that no increasing trends in VC concentrations are evident and significant VOC rebounds have not occurred in the fourth quarter following the voluntary cleanup activities.

REFERENCES

U.S. Environmental Protection Agency (USEPA) 1996. Ground Water Issue, Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures. EPA/540/5-95/504. April 1996.

Washington Department of Ecology (Ecology). 1995. Guidance on Sampling and Data Analysis Methods; Publication No. 94-49. January 1995.



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Please contact me at 206-438-2284 if you have any questions or require additional information.

Sincerely, URS CORPORATION

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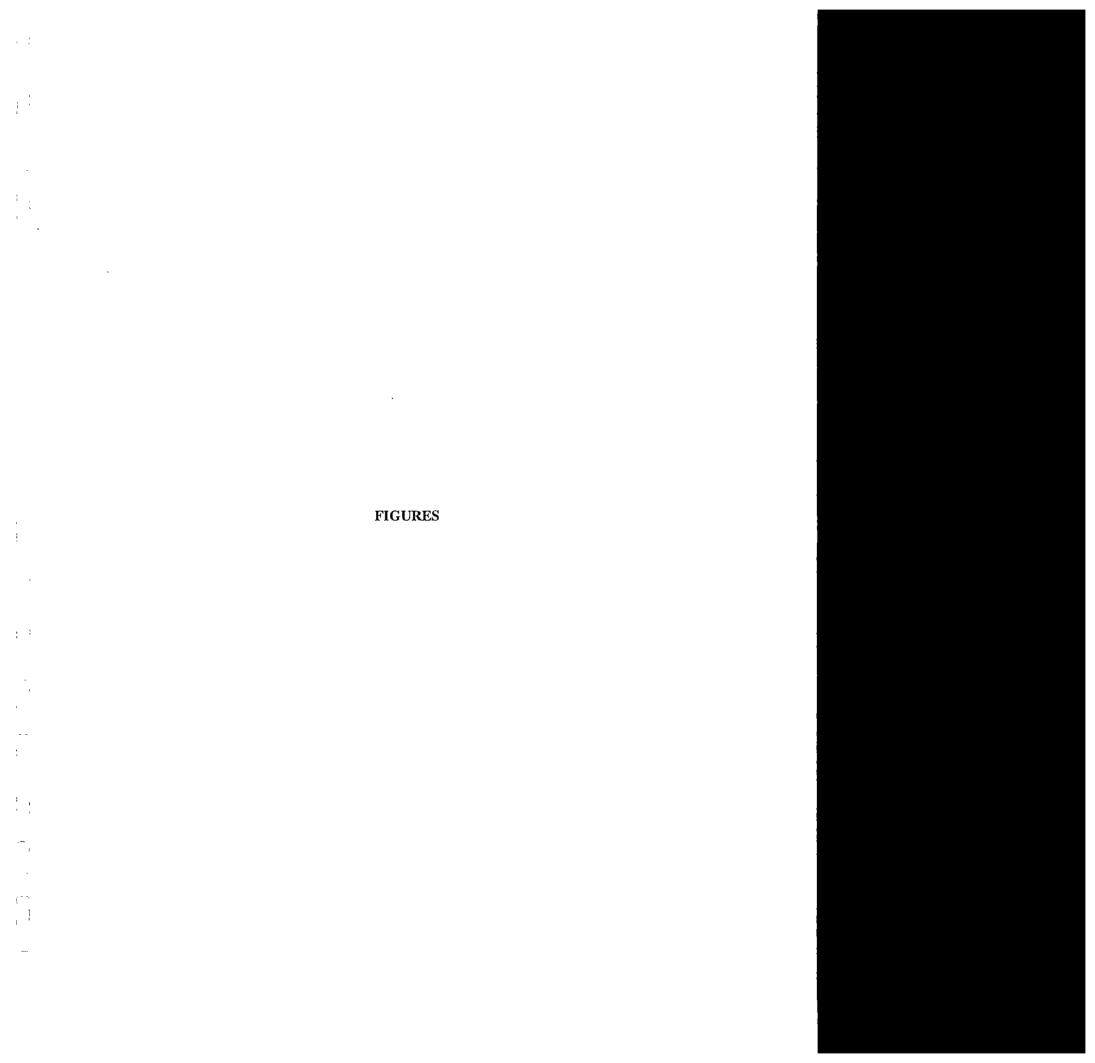
David Raubvogel Senior Geologist

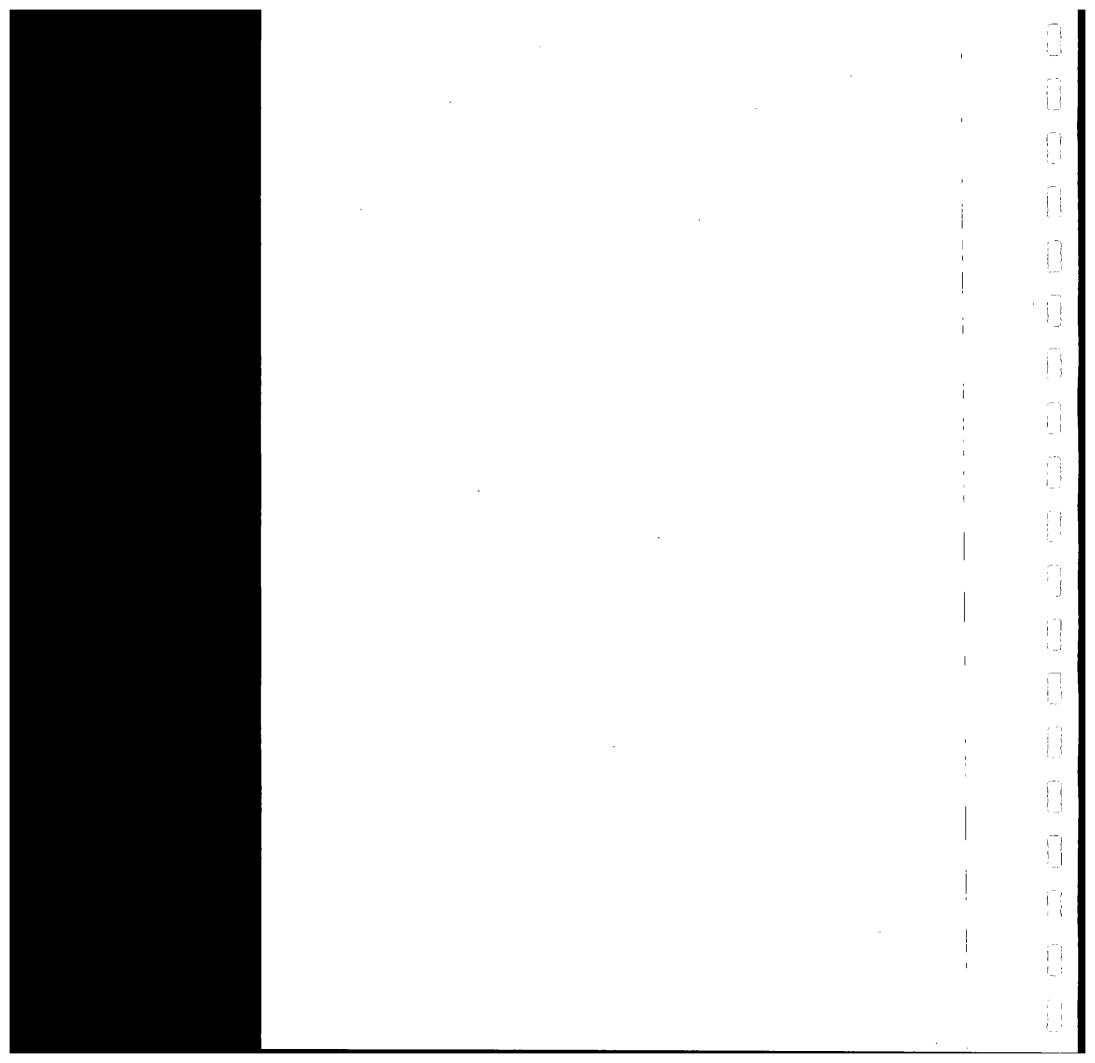
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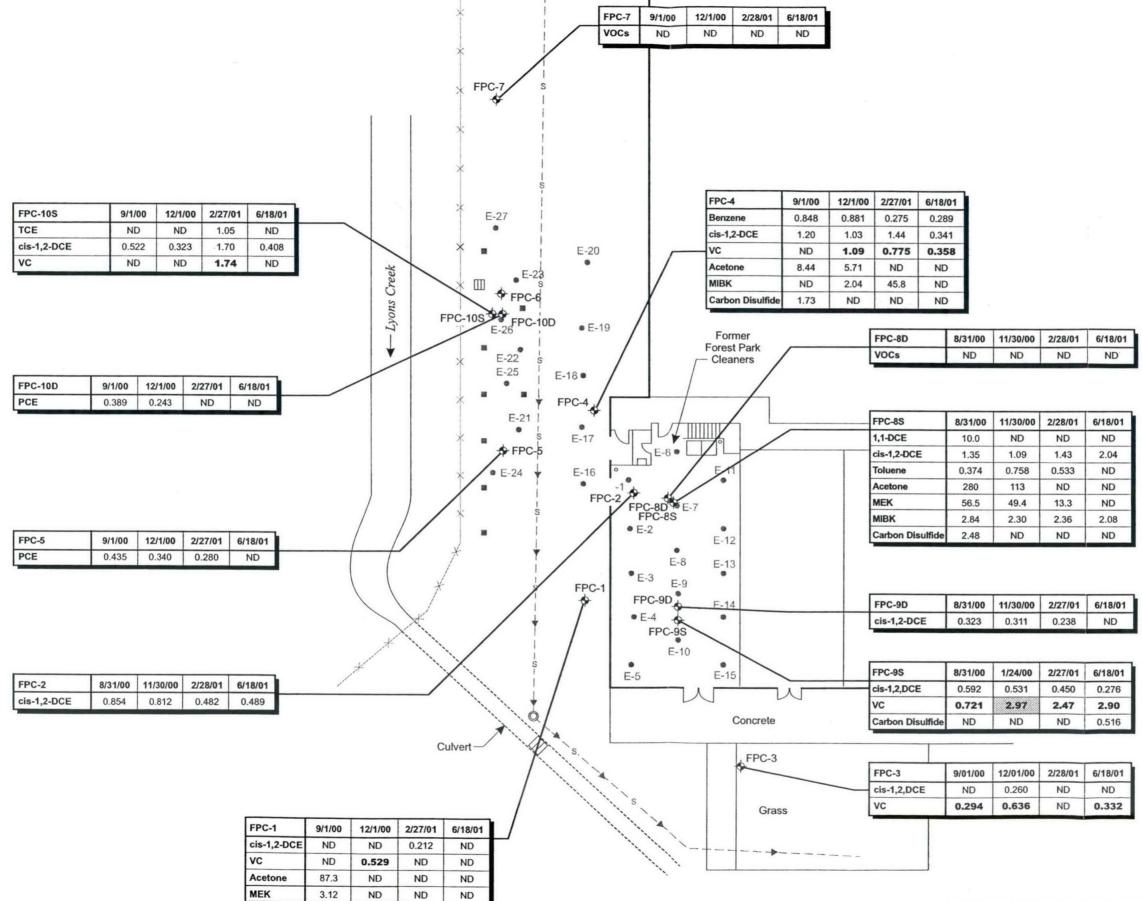
Attachment: Figures 1 and 2

Tables 1 and 2

Appendix A- Laboratory Reports







LEGEND

FPC-2 ♦ Monitoring well

PCE 0.34 VOC concentrations in μg/L

ND Not detected

Exceeds MTCA Method A groundwater cleanup level (0.2 μg/L)

Exceeds MTCA Method B surface water cleanup level (2.92 μg/L)

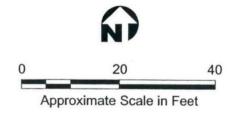
-s-→- Sanitary sewer line and flow direction

E-1 • SPH electrode

Air sparge well

Six phase heating operation occurred between March 5 and June 22, 1999.

Air sparge wells operated June 1 to 28, August 21 to 29 and December 1 to 21, 1999.



CONFIRMATIONAL GROUNDWATER MONITORING DATA

Job No. 53-28171927.00

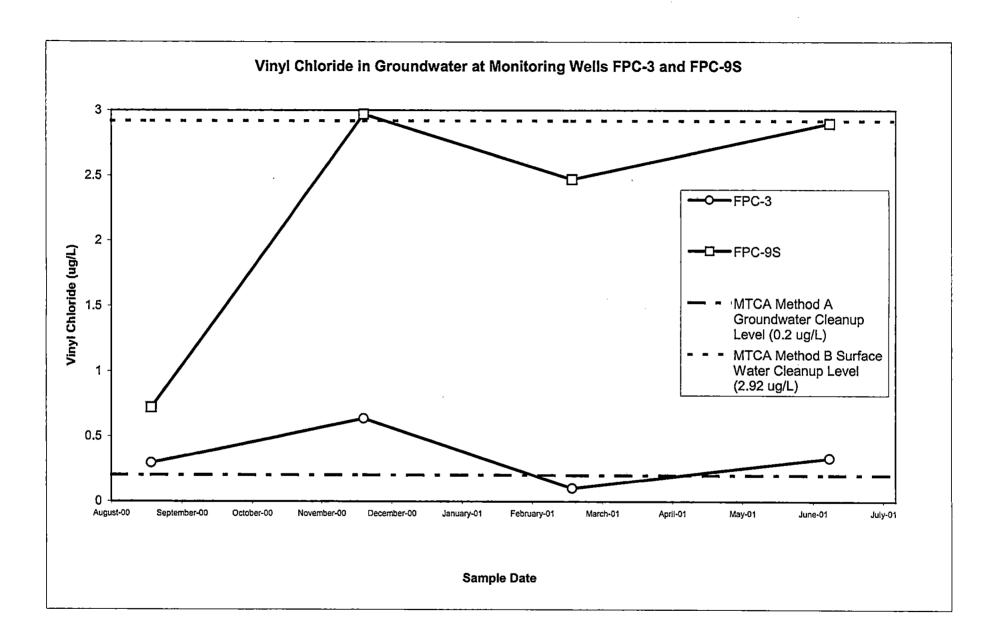


Figure 2 Vinyl Chloride in Groundwater Former Forest Park Cleaners Lake Forest Park, Washington

TABLES

Table 1 Summary of Groundwater Elevation Measurements Former Forest Park Cleaners

Monitoring	Screen Interval	Reference		Depth to Water (feet bgs)	Water bgs)			Groundwater Elevation (feet above msl)	undwater Elevation (feet above msl)	
Well	(feet bgs)	(feet above msl)	8/31/00 - 9/1/00	11/30/00 - 12/01/00	2/27/01 - 2/28/01	6/18/01	8/31/00 - 9/1/00	11/30/00 - 12/01/00	2/27/01 - 2/28/01	6/18/01
FPC-1	10-5	38.78	3.56	3.43	3.41	3.61	35.22	35.35	35.37	35.17
FPC-2	20-5	39.19	3.80	3.71	3.68	3.89	35.39	35.48	35.51	35.30
FPC-3	20-5	39.16	4.37	4.22	4.21	4.45	34.79	34.94	34.95	34.71
FPC4	20-5	38.52	3.50	3.28	3.18	3.44	35.02	35.24	35.34	35.08
FPC-5	19-4	38.28	3.11	2.91	2.83	3.09	35.17	35.37	35.45	35.19
FPC-7	19-4	38.59	1.95	0.74	1.75	2.03	36.64	37.85	36.84	36.56
FPC-8S	8-3	NA	4.29	4.11	4.09	4.31	NA	NA	NA	NA
FPC-8D	13-8	NA	4.00	3.91	3.87	4.11	NA	NA	NA	NA
FPC-9S	8-3	NA	4.09	3.91	3.89	4.11	NA	NA	NA	NA
FPC-9D	13-8	NA	4.29	4.11	4.11	4.31	NA	NA	NA	NA
FPC-10S	7-2	NA	2.90	2.75	2.88	2.93	NA	NA	NA	NA
FPC-10D	12-7	NA	2.91	2.79	2.69	2.95	NA	NA	NA	NA

Notes:

bgs = below ground surface msl = mean sea level NA = Not Available

D = Deep

S = Shallow

Table 2 Summary of Confirmational Groundwater Sampling Results Former Forest Park Cleaners

	Sample ID		ú	FPC1	_		Z.	PC2			PPC.3	23			£	FPC4			T.	FPC-5		
Analyte	Sample Intake (feet, bgs)			9				12.5			23	5			"	sa			=	14.5		MTCA Method A or B
	Sample Date	00/10/60	00/10/21	02/27/01 (4)	10/31/90	00.16.30	113000	02/28/01 ⁽⁹⁾	10/81/50	00/10/60	12/01/00	0228/01	10/81/90	09/10/60	12/01/00	02/27/01 99	10:21:90	0070760	12/01/20	** 107.7.20	06/18/01	
Yolatfle Organic Compounds ⁽¹⁾ (Peff.)	(Taτ) (pspu							•						_								
Benzerse		Q.	ΔN	Ø.	Q.	Q.	Q.	Q.	Q.	Q.	Ş	Q.	ğ	0.848	0.881	0.275	0.289	ę.	Q.	QN	Q.	5.0 (A)
Tetrachloroethene		ΩN	Q.	QN	Š	Ş	Q.	QX	ě	ND	ð	Ð	Q.	Q.	£	QX	QX.	0.435	0.340	0.280	ă	50.00
Trichloroethene		Q.	Q.	Q.	ą	QN.	Q.	S.	Đ.	Q.	ð	Đ.	ď	DK DK	£	QX	QN	Š	Q.	ΩN	Q.	5.0 (A)
1,1-Dichloroethene		ð	QN QN	Q.	£	QV.	ğ	 Q	£	S.	Q.	ě	ð	QN Q	Ð	Q.	QN	QN.	QV.	QN	身	72.0 (B)
cis-1,2-Dichloroethene	*	£	Q.	0.212	£	0.854	0.812	31.0	0.489	ğ	0260	ě	ě	120	1.03	7	0.341	ΔN	QN	N _D	ğ	(E) 08
Vinyl chloride		£	625.0	QX	Q.	QN Q	Q.	Q.	8	0.734	9E9'0	ě	0.332	Q.	1.09	0.775	0.358	QN.	£	NO.	Ş	0.2 (A), 2.92 (B) ⁶⁰ , 2 ⁶⁰
Totuene		g	Ñ	g	Ð	ΩN	Ω.	Ö	ð	Q	ΩÑ	ΝĐ	ę	ð	Q.	9	QN.	ď	QX	Q.	Ş	(3) @
Acetone	•	17.3	Ş	ę	Ð	Q.	ę,	QN	ð	QN	ğ	ð	ę	77	17.2	QN	Q.	QN	Ą	QN	S.	(g) 003
2-Butanone		ដូ	g	ð	ΔN	å	Q.	N Ox	Š	δ.	Q.	Ñ	£	ON.	Q.	QN.	Q.	ND	Š	Q.	ě	1,800 (B)
2-Hexanone		g	g	£	ě	ă	QN O	δÑ	ð	MD	ğ	Q.	Q.	ğ	Q	£	QN	ND	Q.	ę.	ě	3N
MEK		£	g	£	Ą	ND	ND	QN.	Q.	Q.	£	QV.	QN.	Š	201	45.8	QX	ND	S.	Q.	Q.	(A) (B)
Carbon Disulfide		ğ	ð	ð	2	ğ	Š	S.	ď	QX	£	Q.	£	1,73	g	£	Š	Š	£	Ş	Q	\$00 G)

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Numbers in bold from indicate that the reported scrosseds the MITCA chemp level.

Table 2 Summary of Confirmational Groundwater Sampling Results Former Forest Park Cleaners

т	Sample ID		FPC-7				FPC-63		,		FPC-4D				FPC.9S	Se			FPC-9D	Qér		
Analyte Sample Intake	uple Intake (feet, bgs)		12.5				5.5				10.5				2				10.5	,		MTCA Method A or B Ornundwater
ЫqmeS	Sample Date 09/01/00	_	12/01/00 02/	02/28/01 06	06/18/01	08/31/00 ⁽¹⁾	00/05/11	Ļ	10/81/50	00/15/80	11/30/00 02	02/28/01 (4)	10/81/90	08/31/00	11/30/00	(0) 10/27/20	10/81/90	08/31/00	11/30/00	02/27/01	10/81/90	
Voletite Orreste Compounds ^(I) (ug.L.)	-		! !		-	-				_												
Всплети	_	ð	<u>2</u>	ę.	g g	g	<u> </u>	g	£	£	ę	ð	£	ę	2	Ş	£	£	£	9	Ð	5.0 (A)
Tetrachloroethene		Ę	<u>-</u>	g.	2	£	2	2	£	2	£	ę	£	ð	2	8	ğ	£	£	£	2	\$0(
Trichloroethene		ę	<u>~</u>	£	2	£	£	£	£	ğ	ð	2	£	Ð	£	£	£	g	£	2	£	5.0 (A)
I,I-Dichleroethens		£	<u>.</u>	£	£	99	£	g	£	£	8	<u> </u>	g	ð	ě	g	Ð	Ð	£	ð	£	72.0 (8)
ci-1,2-Dichkroethone		£	<u>-</u>	2	9	135	897	97	707	£	2	£	£	0.592	0.531	0.450	0.276	0,323	116.0	0.238	g	80 (B)
Vinyl chloride		£		ð	ę	2	ą	£	£	£	£	ę	ð	121.0	1.37	77	2.30	£	£	ð	£	0.2 (A), 2.92 B ⁽³⁾ , 2 ⁽⁴⁾
Тольто		£		£	g	0.374	0.758	0.533	£	ð	ð	<u>_</u>	ę	2	£	ð	£	£	£	£	£	(Y) 0 Y
Acetons	_	£	<u></u>	£	£	280	£11	£	£	ğ	£	£	Ş	ş	ð	£	Ą	£	ð	2	S	800 (B)
2-Butanone		ę	<u></u>	ę	2	26.5	4 9.4	13.3	Ş	£	£	£	£	ę	ð	£	£	£	£	£	£	4,800 (B)
2-Hexanone		£	- 2	£	2	2	42	Ð	7.06	ð	£	£	ð	ğ	g	ð	Ą	ð	£	£	£	뜅
MIDIK		ę	£	ę	2	284	230	236	2.08	ğ	£	£	ę	ğ	ą	£	g	2	£	2	£	640 (B)
Carbon Disulfida		Q.	ę.	Đ.	ð	2.48	ð	Đ.	ð	ę.	Ð	Ą	ę.	£	2	g	0.516	£	ę	9	Š	800 (B)

Mitter, Model Toxica Control Act

**MITCA-Model Toxica Control Act

**O Analyses performed by using EVA method \$2.50,

**O Analyses Performed by Toxica When the Second in Pro-1 at a consentration of \$1.21 ugl. (ATICA-Method B Chemy Level = 640 ugl.),

**O MITCA Method B Sundaw When Telemup Level

**O MITCA Method A groundwater clemup level

**O MITCA Method B groundwater clemup level

**NO MITCA Method B groundwater clemup level

**NO MITCA Method B groundwater clemup level

**NO MITCA Method Mathod

**NO MITCA Method

Table 2 Summary of Confirmational Groundwater Sampling Results Former Forest Park Cleaners

-	Sample ID		FPC	-103			FPC	-10D		
Analyte	Sample Intake (feet, bgs)		4	.5			9	.5		MTCA Method A or B 'Oroundwater
	Sample Data	09/01/00	12/01/00	02/27/01	06/18/01	09/01/00	12/01/00	02/27/01 (4)	06/18/01	
Volatile Organie Compon	nds ^(I) (ug/L)									
Benzene		ND	ND	5.0 (A)						
Tetrachlomethene		ND	ND	ND	ND	0.389	0.243	מא	ND	5.0 (A)
Trichloroethene		ND	ND	1.05	ND	ND	ND	ND	ND	5.0 (A)
1,1-Dichleroethene		ND	ND	72.0 (B)						
cis-1,2-Dichloroethene		0.522	0.323	1.70	0,408	ND	ND	ND	ND	80 (B)
Vinyl chloride		ND	ND	1.74	ND	ND	ND	ND	ND	0.2 (A), 2.92 B ⁽¹⁾ , 2 ⁽⁶⁾
Toluene		ND	ND	40 (A)						
Acetone		ND	ND	800 (B)						
2-Butanona		ND	ND	ND	ND	, מא	ND	ND	ND	4,800 (B)
2-Hiexamone		ND	ND	ND	ND	ND .	ND	ND	ND	NE
мшк		ND	ND	640 (B)						
Carbon Disulfide		ND	ND	800 (B)						

Notes: MTCA - Model Toxics Control Act

(1) Analyses performed by using EPA method 8260.

(3) Represents 1st round of campling following startup and operation of SPH, which was initiated on 2/26/99.
(3) Chlorobenzune was detected in FPC-10S at a concentration of 12.3 ug/L.

(6) Methylene Chloride was detected in FPC-10D at a concentration of 5.04 ug/L

(5) MTCA Method B Surface Water Cleanup Level

(6) USEPA Maximum Contaminant Level (MCL) for Drinknig Water

(A) - MTCA Method A groundwater cleanup level

(B) -MTCA Method B groundwater cleanup level FPC = Forest Park Cleaners

bgs = below ground surface S = Shallow D = Deep

ND = Not Detected

NE = Not Established

MIBK - 4-Methyl-2-Pentanono (Methyl isobutyl ketone)
Numbers in bold font indicate that the result reported exceeds the MTCA cleanup level.

APPENDIX A LABORATORY REPORTS



11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223 425.420.9200 fax 425.420.9210 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 509.924.9200 fax 509.924.9290 Seattle

Spokane

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FPC-2	B0I0024-01	Water	08/31/00 11:15	09/02/00 09:00
FPC-8D	B0I0024-02	Water	08/31/00 12:20	09/02/00 09:00
FPC-8S	B0I0024-03	Water	08/31/00 13:50	09/02/00 09:00
FPC-9D	B0I0024-04	Water	08/31/00 14:35	09/02/00 09:00
FPC-9S	B0I0024-05	Water	08/31/00 15:15	09/02/00 09:00
FPC-10D	вогоо24-06	Water	09/01/00 13:45	09/02/00 09:00
FPC-10S	B0I0024-07	Water	09/01/00 14:47	09/02/00 09:00
FPC-7	B0I0024-08	Water	09/01/00 15:55	09/02/00 09:00
FPC-5	B0I0024-09	Water	09/01/00 16:50	09/02/00 09:00
FPC-4	В0І0024-10	Water	09/01/00 17:35	09/02/00 09:00
FPC-1	B0I0024-11	Water	09/01/00 18:37	09/02/00 09:00
FPC-3	B0I0024-12	Water	09/01/00 19:30	09/02/00 09:00

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

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11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8223 425.420.9200 fax 425.420.9210

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503.906.9200 fax 503.906.9210 503.906.9200 fax 503.906.9210 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588 Portland

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Dames and Moore-Seattle

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-2 (B0I0024-01) Water	Sampled: 08/31/00 11:15	Received		09:00			<u> </u>		
Acetone	ND	5.00	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	· · ·
Benzene	ND	0.200	н	H	"	11	11	"	
Bromobenzene	ND	0.500	н	н	н	n	Ħ	**	
Bromochloromethane	ND	0.200	u	Ħ	п	n	11	11	
Bromodichloromethane	ND	0.200	11	н	н	Ħ	n	n	
Bromoform	ND	0.200	**	"	n	n	**	n	
Bromomethane	ND	1.00	Ħ	•	tt	н	п	и	
2-Butanone	ND	2.00	n	н	n	u	n	u,	
n-Butylbenzene	ND	0.200	n	Ħ	H	n	n	п	
sec-Butylbenzene	ND	0.200	n	Ħ	н	u	11	11	
tert-Butylbenzene	ND	0.500	11	11	11	ır	**	11	
Carbon disulfide	ND	0.500	n	11	n	**	**	n	
Carbon tetrachloride	ND	0.200	Ħ		u	**	n	п	
Chlorobenzene	ND	0.200	11 .	**	tr	11	n	H	
Chloroethane	ND	1.00	H	n	17	tı	u	**	
Chloroform	ND	0.200	n	*1	t r	п	U	•	
Chloromethane	ND	1.00	rr rr	11	**	н	17	**	
2-Chlorotoluene	ND	0.500	r r	11	**		**	Ħ	
4-Chlorotoluene	ND	0.500	#	Ħ	**	"	π	n	
Dibromochloromethane	ND	0.200	**	u	п '	**	п	H	
1,2-Dibromo-3-chloropropane	ND	0.500	11	и	ø	*1	**	Ħ	
1,2-Dibromoethane	ND	0.200	**	#	n	n	n	n	
Dibromomethane	ND ·	0.200	ø	, "	44	n n	и	Ħ	
1,2-Dichlorobenzene	ND	0.200	17	n	tr	н	и	Ħ	
1,3-Dichlorobenzene	ND	0.200	12	11	tr	17	TT .	n	
1,4-Dichlorobenzene	ND	0.200	**	n	n	11	**	n	
Dichlorodifluoromethane	ND	0.500	n	n	n	t†	**	н	
1,1-Dichloroethane	ND	0.200	н	14	н	tt	tt	н	
1,2-Dichloroethane	ND	0.200	ti	ır	n	н	n	Ħ	
1,1-Dichloroethene	ND	0.200	ŧı	п	17	tı	п	Ħ	
cis-1,2-Dichloroethene	0.854	0.200	t!	#	t7	tt	н	Ħ	
trans-1,2-Dichloroethene	ND	0.200	"	n	"	u	и .	#	
1,2-Dichloropropane	ND	0.200	tt	n	17	11	11	Ħ	
1,3-Dichloropropane	ND	0.200	n	n	Ħ	11	Ħ	n	
2,2-Dichloropropane	ND	0.200	н	u	n	**	17	п	
1,1-Dichloropropene	ND	0.200	11	Ħ	п	**	Ħ	n	
cis-1,3-Dichloropropene	ND	0.200	m .	n	a	11	п	n	
trans-1,3-Dichloropropene	ND	0.200	H	**	11	н	п	11	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 2 of 32



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Seattle WA, 98121

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-2 (B0I0024-01) Water	Sampled: 08/31/00 11:15	Receive	d: 09/02/00	09:00					
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	н	H	u	Ħ	11	n	
2-Hexanone	ND	2.00	u	n	и	Ħ	lt .	II .	
Isopropyibenzene	ND	0.500	17	"	n	н		u	
p-Isopropyltoluene	ND	0.200	H.	n	**	11	н	Ħ	
Methylene chloride	ND	0.500	tr	π	п	17	11	ff	
4-Methyl-2-pentanone	ND	2.00	n	u	н	77	Ħ	Ħ	
Naphthalene	ND	0.500	n	u	Ħ	**	tr .	Ħ	
n-Propylbenzene	ND	0.500	11	17	u	11	19	n	
Styrene	ND	0.500	11	Ħ	tı	tt	Ħ	Ħ	
1,1,1,2-Tetrachloroethane	ND	0.200	11	n	17	11	Ħ	n	
1,1,2,2-Tetrachloroethane	ND	0.500	n	11	Ħ	11	11	н	
Tetrachloroethene	ND	0.200	11	tt	17	17	π	n	
Toluene	ND	0.200	**	u	Ħ	11	n	re	
1,2,3-Trichlorobenzene	ND	0.200	Ħ	U	Ħ	TT .	Ħ	n	
1,2,4-Trichlorobenzene	ND	0.200	n	17	Ħ	**	11	u	
1,1,1-Trichloroethane	ND	0.200	п	11	11	11	it.	n	
1,1,2-Trichloroethane	ND	0.200	II	tr	n	н	Ħ	ıı	
Trichloroethene	NĐ	0.200	17	Ħ	п	11	н	ii .	
Trichlorofluoromethane	ND	0.500	11	Ħ	n	11	H	H	
1,2,3-Trichloropropane	ND	0.500	ır	n	11	H	n	n	
1,2,4-Trimethylbenzene	ND	0.200	н	n	•	n	π	11	
1,3,5-Trimethylbenzene	ND	0.500	н	U	#	ч	n	11	
Vinyl chloride	ND	0.200	ч	11	н	Ħ	ir .	ti	
m,p-Xylene	ND	0.500	n	tr	n	#	II .	u	
o-Xylene	ND	0.250	n	10	ti	u	19	п	
Surrogate: 1,2-DCA-d4		60-130			"	"	"	"	
Surrogate: Toluene-d8		30-120			"	"	"	tt .	
Surrogate: 4-BFB	103 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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 fax 541.382.7588

Spokane

Portland

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Rej	porting							
!	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-8D (B0I0024-02) Water	Sampled: 08/31/00 12:20	Receiv	ed: 09/02/0	0 09:00					
	Acetone	ND	5.00	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	_
	Benzene	ND	0.200	u	H	n	11	ti	Ħ	
	Bromobenzene	ND	0.500	n	U	u	11	71	It	
	Bromochloromethane	ND	0.200	H	lT .	17	II.	п	н	
	Bromodichloromethane	ND	0.200	Ħ	**		n	q	Ħ	
	Bromoform	. ND	0.200	н	n	н	Ħ	н	11	
	Bromomethane	ND	1.00	17	n	"	н	ıı	и	
	2-Butanone	ND	2.00	π	0	n	н	Ħ	u	
ı	n-Butylbenzene	ND	0.200	n	n	u	Ħ	14	tr	
	sec-Butylbenzene	ND	0.200		H	n	, u	tt	#	
	tert-Butylbenzene	ND	0.500	n	#1	17	п	11	**	
,	Carbon disulfide	ND ND	0.500		н	r		11	Ħ	
	Carbon tetrachloride	ND	0.200	m	н	n		q		
ì	Chlorobenzene	ND	0.200	Ħ	п	n	27	If	11	
	Chloroethane	ND	1.00	**	11	ti	91	n	n	
	Chloroform	ND	0.200	n	n	u	*1	"	"	
	Chloromethane	ND ND	1.00	n	11	tı	n	11		
ŧ	2-Chlorotoluene	ND	0.500	U	Ħ	tt	**	**	н	
	4-Chlorotoluene	ND	0.500	*	11	н	n	п	**	
	Dibromochloromethane	ND ND	0.200	17	11	17	n	n	**	
	1,2-Dibromo-3-chloropropane	ND ND	0.500	π	11	n	tt	n	**	
	1,2-Dibromoethane	ND ND	0.200	**	tt	Ħ	11		n	
1	Dibromomethane	ND ND	0.200	11	н	н	,	**	n	
	1,2-Dichlorobenzene	ND ND	0.200	"			"	m .	n n	
ì	1,3-Dichlorobenzene	ND	0.200			п	"	11	n	
t	1,4-Dichlorobenzene	ND ND	0.200	"	 H		n	7	n	
	Dichlorodifluoromethane	ND ND	0.200			"	"	N		
	1.1-Dichloroethane	ND ND	0.500	,, n	"	"	" "	"		
r I	1,1-Dichloroethane	ND ND	0.200	"	n n	"	n n		11	
	•	ND ND		11	u u		" "	n		
	1,1-Dichloroethene		0.200 0.200	n n	n		" "	n	В	
ì	cis-1,2-Dichloroethene	ND ND		11	"	π	" U		n	
t L	trans-1,2-Dichloroethene	ND ND	0.200	"	n n	,	"	11		
	1,2-Dichloropropane	ND	0.200	n	n		11	11	u u	
	1,3-Dichloropropane	ND	0.200		n				0	
	2,2-Dichloropropane	ND	0.200	"	n	n	TI 89	77	u v	
•	1,1-Dichloropropene	ND	0.200	11		"				
	cis-1,3-Dichloropropene	ND	0.200	**			n 	п		
1	trans-1,3-Dichloropropene	ND	0.200	tt .	11	u	H	п	It	

North Creek Analytical - Bothell

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Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 4 of 32



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

Bend

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927-9092-189

Reported: 09/11/00 15:10

Seattle WA, 98121

Project Manager: David Raubvogel

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8D (B0I0024-02) Water	Sampled: 08/31/00 1	2:20 Receiv	ed: 09/02/0	00 09:00					
Ethylbenzene	ND	0.200	ug/i	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	H	If	H	11	h	tr	
2-Hexanone	ND	2.00	Ħ	n	U	11	lt .	н	
Isopropylbenzene	ND	0.500	19	**	If	u	n	п	
p-Isopropyltoluene	ND	0.200	".	N	11	n	n	u	
Methylene chloride	ND	0.500	11	н	It	If	п	"	
4-Methyl-2-pentanone	ND	2.00	н	п	n	H	n	11	
Naphthalene	ND	0.500	n	H	11	н	н	**	
n-Propylbenzene	ND	0.500	ø	ŧı	u	н	11	n	
Styrene	ND	0.500	17	Ħ	n	ti		Ħ	
1,1,1,2-Tetrachloroethane	ND	0.200	**	n	ı	u	17	11	
1,1,2,2-Tetrachloroethane	ND	0.500	11	n	Ħ	n	11	н	
Tetrachloroethene	ND	0.200	11	11	н	17	**	u	
Toluene	ND	0.200	q	17	**	tt	n	11	
1,2,3-Trichlorobenzene	ND	0.200		rt	**	n	a a	**	
1,2,4-Trichlorobenzene	ND	0.200	Ħ	**	Ħ	tt	#	п	
1,1,1-Trichloroethane	ND	0.200	17	ti	н	tt	11	Ħ	
1,1,2-Trichloroethane	ND	0.200	n	tí	If	U	**	н	
Trichloroethene	ND	0.200	**	tt	н	tt	n	u	
Trichlorofluoromethane	ND	0.500	er	U	rr ·	n		11	
1,2,3-Trichloropropane	ND	0.500	u	11	11	Ħ	H	11	
1,2,4-Trimethylbenzene	ND	0.200	ti	n	71	11	n	"	
1,3,5-Trimethylbenzene	ND	0.500	U	Ħ	tt	н	**	rt	
Vinyl chloride	ND	0.200	19	fl	n	п	n	n	
m,p-Xylene	ND	0.500	n	tt	n	Ħ	Ħ	Ħ	
o-Xylene	ND	0.250	ft	н		n	**	n	
Surrogate: 1,2-DCA-d4	99.2 %	60-130			"	"	"	"	
Surrogate: Toluene-d8	100 %	80-120			"	"	"	"	
Surrogate: 4-BFB	109 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc. **Environmental Laboratory Network** Page 5 of 32



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		porting				<u> </u>			
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
FPC-8S (B0I0024-03) Water	Sampled: 08/31/00 13:50	Receive	ed: 09/02/0	0 09:00					
Acetone	280	50.0	ug/l	10	0106047	09/06/00	09/07/00	EPA 8260B	
Benzene	ND	0.200	Ħ	1	н	ti	09/06/00	n	
Bromobenzene	ND	0.500	n	tt	11	11	Ħ	r	
Bromochloromethane	ND	0.200	п	n	**	11	n	H	
Bromodichloromethane	ND	0.200	U	H	Ħ	u	"	44	
Bromoform	ND	0.200	11	lf .	n	Ħ	**	tt	
Bromomethane	ND	1.00	ti	tr	n	11	#1	н	
2-Butanone	56.5	2.00	*1	n	11	11	п	п	
n-Butylbenzene	ND	0.200	n	n	B	ŧı	u	n	
sec-Butylbenzene	ND	0.200	11	**	17	u	11	11	
tert-Butylbenzene	ND	0.500	11	n	Ħ	Ħ	11	II	
Carbon disulfide	2.48	0.500	n	n	*1	n	"	1f	
Carbon tetrachloride	ND	0.200	17	If	н	H	tı	**	
Chlorobenzene	ND	0.200	11	Ħ	"	n	**	*1	
Chloroethane	ND	1.00	IT	н	11	n	71	n	
Chloroform	ND	0.200	11	Ħ	**	Ħ	Ħ	н	
Chloromethane	ND	1.00	#1	π	11	*	u	n	
2-Chlorotoluene	ND	0.500	ti .	R	11	#	ii.	"	
4-Chlorotoluene	ND	0.500	tt .	n	11	Ħ	ii.	11	
Dibromochloromethane	ND	0.200	Ħ	ıı	п	п	**	tt	
1,2-Dibromo-3-chloropropane	ND	0.500	W	n	Ħ		••	u	
1,2-Dibromoethane	ND	0.200	17	n	11	II .	u	"	
Dibromomethane	ND	0.200	tt	ti	ir .	Ħ	н	u	
1,2-Dichlorobenzene	ND	0.200	**	н	n	Ħ	n	n	
1,3-Dichlorobenzene	ND	0.200	Ħ	*1	11	**	11		
1,4-Dichlorobenzene	ND	0.200	π	**	10	tr	п	II .	
Dichlorodifluoromethane	ND	0.500	tt	n	n	Ħ	II .	n	
1,1-Dichloroethane	ND	0.200	п	tt	Ħ	H	11	19	
1,2-Dichloroethane	ND	0.200	II .	11	Ħ	п	Ħ	**	
1,1-Dichloroethene	10.0	0.200	Ħ	ıı ı	u	H	•	"	•
cis-1,2-Dichloroethene	1.35	0.200	**	н	п	ii .		tt.	
trans-1,2-Dichloroethene	ND	0.200		**	11	"	**	n	
1,2-Dichloropropane	ND	0.200	Ħ	п	n	**	*1	n	
1,3-Dichloropropane	ND	0.200	Ħ	a	n	п	и	п	
2,2-Dichloropropane	ND	0.200	Ħ	п	**	n	n	n	
1,1-Dichloropropene	ND	0.200	н	n	**	n	II .	19	
cis-1,3-Dichloropropene	ND	0.200	n	U	п	ıı	H	n	
* * * * * * * * * * * * * * * * * * *									

North Creek Analytical - Bothell

ND

0.200

trans-1,3-Dichloropropene

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8S (B0I0024-03) Water	Sampled: 08/31/00 13:	50 Receive	ed: 09/02/0	0 09:00					
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	11	n	17	н	17	а	
2-Hexanone	ND	2.00	11	а	И	n	n	н	
Isopropylbenzene	ND	0.500	Ħ	n	п	**	п	н	
p-Isopropyltoluene	ND	0.200	a	u	n	**	11	n	
Methylene chloride	ND	0.500	D	n	0	Ħ	н	tr	
4-Methyl-2-pentanone	2.84	2.00	17	n	n	п	11	n	
Naphthalene	ND	0.500	**	и	It	11	17	п	
n-Propylbenzene	ND	0.500	Ħ	Ħ	Ħ	H	n	11	
Styrene	ND	0.500	n	n	п	**	n	P	
1,1,1,2-Tetrachloroethane	ND	0.200	н	11	a	Ħ	u	Ħ	
1,1,2,2-Tetrachloroethane	ND	0.500	**	н	Ħ	tt	II.	п	
Tetrachloroethene	ND	0.200	п	n		tt		u	
Toluene	0.374	0.200	ėi.	et e	at .	17	11	n	
1,2,3-Trichlorobenzene	ND	0.200	· n	Ħ	tr .	11	71	n	
1,2,4-Trichlorobenzene	ND	0.200	n	•	**	n	n	Ħ	
1,1,1-Trichloroethane	ND	0.200	II.	н	**	u	U	π	
1,1,2-Trichloroethane	ND	0.200	ı	#	"	H	n	н	
Trichloroethene	ND	0.200	**	n	11	Ħ	Ħ	n	
Trichlorofluoromethane	ND	0.500	e e	н	41	II .	44	н	
1,2,3-Trichloropropane	ND	0.500	H	If	ti	Ħ	n	#	
1,2,4-Trimethylbenzene	ND	0.200	IT	u	a	**	ti .	Ħ	
1,3,5-Trimethylbenzene	ND	0.500	**	n	п	н	**	Ħ	
Vinyl chloride	ND	0.200	н	**	n	**	n	11	
m,p-Xylene	ND	0.500	**	n	17	n	#	11	
o-Xylene	ND	0.250	n	а	н	11	Ħ	n	
Surrogate: 1,2-DCA-d4	95.6%	60-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	80-120			"	"	n	**	
Surrogate: 4-BFB	109 %	80-120			"	"	u .	"	

North Creek Analytical - Bothell

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Steve Davis, Project Manager



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B0I0024-04) Water	Sampled: 08/31/00 1	4:35 Receive	ed: 09/02/	00 09:00					
Acetone	ND	5.00	ug/l	1	0107026	09/07/00	09/07/00	EPA 8260B	
Benzene	ND	0.200	11	н	п	19	u	W	
Bromobenzene	ND	0.500	ti ti	17	11	**	ıı	n	
Bromochloromethane	ND	0.200	11	17	n	11	11	a	
Bromodichloromethane	ND	0.200	н	n	ti	tt	IT	u	
Bromoform	ND	0.200	**	н	v	Ħ	10	n	
Bromomethane	ND	1.00	tt	11	H.	u	n	n	
2-Butanone	ND	2.00	"	n	17	n	н	и	
n-Butylbenzene	ND	0.200	ŧ	n	**		ti .	н	
sec-Butylbenzene	ND	0.200	n	u	**	11	n	Ħ	
tert-Butylbenzene	ND	0.500	н	n	11	Ħ	u	Ħ	
Carbon disulfide	ND	0.500	n	II .	11	11	Ħ	11	
Carbon tetrachloride	ND	0.200	ti.		u	**	ti	п	
Chlorobenzene	ND	0.200	17	#	ti	Ħ	tr	п	
Chloroethane	ND	1.00	11	n	ti	u	п	n	
Chloroform	ND	0.200	n	п	n	n	ti	n	
Chloromethane	ND	1.00	m	n	ti.	U	ч	•	
2-Chlorotoluene	ND	0.500	н	Ħ	11	Ħ	n	m	
4-Chlorotoluene	ND	0.500	11	11	11	Ħ	п	п	
Dibromochloromethane	ND	0.200	a	ır	11	N	11	H	
1,2-Dibromo-3-chloropropane	ND	0.500	n	tt	ti	Ħ	10	п	
1,2-Dibromoethane	ND	0.200	u	11	77	**	m .	11	
Dibromomethane	ND	0.200	n	11	tt	н		Ħ	
1,2-Dichlorobenzene	ND	0.200	n	Ħ	n	н	n	n	
1,3-Dichlorobenzene	ND	0.200	n	11	н	n	н	u	
1,4-Dichlorobenzene	ND	0.200	n	N	n	n	n	n	
Dichlorodifluoromethane	ND	0.500	n	u	11	Ħ	tı	n	
1,1-Dichloroethane	ND	0.200	Ħ	u	U	n	н	11	
1,2-Dichloroethane	ND	0.200	**	U	11	n	ħ		
1.1-Dichloroethene	ND	0.200	Ħ	11	11	11	n	II.	
cis-1,2-Dichloroethene	0.323	0.200	н	ŧŧ	H	n	Ħ	и	
trans-1,2-Dichloroethene	ND	0.200	n	U	11	**	n	**	
1,2-Dichloropropane	ND	0.200	н	17	19	11	11	n	
1,3-Dichloropropane	ND	0.200	Ħ	n	**	n	n	п	
2,2-Dichloropropane	ND	0.200		17	**	Ħ	n	**	
1,1-Dichloropropene	ND	0.200	n	н	17	н	n	n	
cis-1,3-Dichloropropene	ND	0.200	#	"		н	ıt	rı .	
trans-1,3-Dichloropropene	ND	0.200	17	*1	ŧı	11	**	n	
uans-1,3-Diemoropropene	ND	0.200							

North Creek Analytical - Bothell

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541.383.9310 fax 541.382.7588

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B0I0024-04) Water	Sampled: 08/31/00 14:3	5 Receiv	ed: 09/02/0	00 09:00					
Ethylbenzene	ND	0.200	ug/l	1	0107026	09/07/00	09/07/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	a	**	п	n	Ħ	n	
2-Hexanone	ND	2.00	et e	**	n	ч	te	. #	
Isopropylbenzene	ND	0.500	u	#1	**	u	H	ir .	
p-Isopropyltoluene	ND	0.200	ıı	11	n	tt	11	n	
Methylene chloride	ND	0.500	*1	n	n	11	tī	п	
4-Methyl-2-pentanone	ND	2.00	11	0	n	"	n	π	
Naphthalene	ND	0.500	Ħ	Ħ	ti	Ħ	u	п	
n-Propylbenzene	ND	0.500	п	rt	ti	**	ti	Ħ	
Styrene	ND	0.500	II .	**	U	tt	r r	lf .	
1,1,1,2-Tetrachloroethane	ND	0.200	P	11	11	**	н	H	
1,1,2,2-Tetrachloroethane	ND	0.500	**	11	17	n	n	Ħ	
Tetrachloroethene	ND	0.200	Ħ	u	n	TT.	ч	н	
Toluene	ND	0.200	π	II .	11	lt .	*1	17	
1,2,3-Trichlorobenzene	ND	0.200	**	n	**	17	11	п	
1,2,4-Trichlorobenzene	ND	0.200	u	11	11	п	ıı	п	
1,1,1-Trichloroethane	ND	0.200	Ħ	tt	ti .	н	II	u	
1,1,2-Trichloroethane	ND	0.200	11	tı	11	Ħ	II .	n	
Trichloroethene	ND	0.200	1f	**	n	п	ıı	tr.	
Trichlorofluoromethane	ND	0.500	**	11	17	11	Ħ	n	
1,2,3-Trichloropropane	ND	0.500	п	п	**	Ħ	Ħ	м	
1,2,4-Trimethylbenzene	ND	0.200	*1	u	rt .	IT.	п	п	
1,3,5-Trimethylbenzene	ND	0.500	п	н	71	11	*1	**	
Vinyl chloride	ND	0.200	Ħ	н	**	IT	71	н	
m,p-Xylene	ND	0.500	п	11	Ħ	77	Ħ	*1	
o-Xylene	ND	0.250	n	11	**	#	n	н	
Surrogate: 1,2-DCA-d4	100 % 6	0-130			"	"	"	"	
Surrogate: Toluene-d8	97.2 % 8	0-120			"	"	"	"	
Surrogate: 4-BFB	113 % 8	0-120			H	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc. **Environmental Laboratory Network** Page 9 of 32



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

į		Re	porting			-				
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2	FPC-9S (B0I0024-05) Water	Sampled: 08/31/00 15:15	Receive	ed: 09/02/0	0 09:00					
· }	Acetone	6.98	5.00	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
,	Benzene	ND	0.200	**	11	11	Ħ	51	n	
	Bromobenzene	ND	0.500	n	et et	**	11	, 41	"	
ſ	Bromochloromethane	ND	0.200	**	11	u	11	n	u	
ŧ S	Bromodichloromethane	ND	0.200	ŧı	**	н	11	11	n	
	Bromoform	ND	0.200	11	11	n	11	tt	u	
)	Bromomethane	ND	1.00	"	"	*	11	a	n.	
	2-Butanone	ND	2.00	ti ti	u	**	n	ti	н	
	n-Butylbenzene	ND	0.200	U	tt	17	Ħ	u	m m	
	sec-Butylbenzene	ND	0.200	u	н	**	11	U	•	
,	tert-Butylbenzene	ND	0.500	11	n	n	II .	tt.	11	
	Carbon disulfide	ND	0.500	11	#	n	U	11	tt	
	Carbon tetrachloride	ND	0.200	97	11	n	"	n	**	
,	Chlorobenzene	ND	0.200	n	tt	π	11	m	ч	
•	Chloroethane	ND	1.00	11	TI	11	17	m	Ħ	
	Chloroform	ND	0.200	17	**	Ħ	Ħ	rr	n	
	Chloromethane	ND	1.00	11	Ħ	**	rr	n	n	
1	2-Chlorotoluene	ND	0.500	**	Ħ	Ħ	н	n	а	
,	4-Chlorotoluene	ND	0.500	n	11	*1	н	11	п	
	Dibromochloromethane	ND	0.200	11	Ħ	11	11	n	n	
	1,2-Dibromo-3-chloropropane	ND	0.500	п	n	n	n	11	11	
	1,2-Dibromoethane	ND	0.200	n	u	u	"	n	n	
,	Dibromomethane	ND	0.200	n	Ħ	ti	"	п	•	
	1,2-Dichlorobenzene	ND	0.200	н	н	u	11	11	н	
į.	1,3-Dichlorobenzene	ND	0.200	н	17	**	**	Ħ	a	
	1,4-Dichlorobenzene	ND	0.200	Ħ	n		*1	n	u	
	Dichlorodifluoromethane	ND	0.500	11	**	**	n	Ħ	u	
į	1,1-Dichloroethane	ND	0.200	11	n	**	11	n	H	
1	1,2-Dichloroethane	ND	0.200	11	"	H	n	а	"	
	1,1-Dichloroethene	ND	0.200	н	**	n	u	н	n	
,	cis-1,2-Dichloroethene	0.592	0.200	n	π	17	n	п	н	
1	trans-1,2-Dichloroethene	ND	0.200	11	17	tr .	n	H	n	
į	1,2-Dichloropropane	ND	0.200	Ħ	Ħ	ır	н	Ħ	н	
	1,3-Dichloropropane	ND	0.200	π	**	u.	u	11	11	
ř	2,2-Dichloropropane	ND	0.200	11	#	17	II.	п	tt .	
ı	1,1-Dichloropropene	ND	0.200	tt	Ħ	**	Ħ	H	tr	
	cis-1,3-Dichloropropene	ND	0.200	tt .	Ħ	n	17	"	Ħ	
,	trans-1,3-Dichloropropene	ND	0.200	n	n n	π	t t	II	Ħ	

North Creek Analytical - Bothell

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Steve Davis, Project Manager

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

1	R	Reporting			·		· · ·		
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9S (B0I0024-05) Water	Sampled: 08/31/00 15:1	5 Receive	ed: 09/02/0	00 09:00					
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	Ħ	Ħ	H	п	Ħ	**	
2-Hexanone	ND	2.00-	**	#1		U	Ħ	n	
Isopropylbenzene	ND	0.500	u	Ħ	**	11	п	n	
p-Isopropyltoluene	ND	0.200	u	Ħ	u	11	u	a	
Methylene chloride	ND	0.500	11	н	"	н	"	п	
4-Methyl-2-pentanone	ND	2.00	**	11	!!	**	**	n	
Naphthalene	ND	0.500	n	"	*1	n	н	n	
n-Propylbenzene	ND	0.500	11	II.	**	**	Ħ	n	
Styrene	ND	0.500	11	π	**	**	n	Ħ	
1,1,1,2-Tetrachloroethane	ND	0.200	H	**	tt	"	II .	u	
1,1,2,2-Tetrachloroethane	ND	0.500	"	11	l#	#	Ħ	a	
Tetrachloroethene	ND	0.200	н	n	lt.	N	11	ıı	
Toluene	ND	0.200	11	Ħ	Ħ	ti	11	o	
1,2,3-Trichlorobenzene	ND	0.200	n	ıı	"	"	"1	**	
1,2,4-Trichlorobenzene	ND	0.200	11	u	п	n	11	**	
1,1,1-Trichloroethane	ND	0.200	· ·	n	**	•	"	11	
1,1,2-Trichloroethane	ND	0.200	11	11	11	n	17	n	
Trichloroethene	ND	0.200	17	,,	Ħ	Ħ	If	Ħ	
Trichlorofluoromethane	ND	0.500	u	H	n	11	tt	n	
1,2,3-Trichloropropane	ND	0.500	**	н	Ħ	ti	"	ħ	
1,2,4-Trimethylbenzene	ND	0.200	n	If	n	q	11	**	
1,3,5-Trimethylbenzene	ND	0.500	ti .	IT	Ħ	H	n	11	
Vinyl chloride	0.721	0.200	u	**	Ħ	Ħ	n	11	
m,p-Xylene	ND	0.500	17	п	n	12	п	ч	
o-Xylene	ND	0.250	If	**	н	n	H	u	
Surrogate: 1,2-DCA-d4		0-130			"	n	"	"	
Surrogate: Toluene-d8	***= **	0-120			"	" .	"	"	
Surrogate: 4-BFB	106 % 8	0-120			"	"	u	"	

North Creek Analytical - Bothell

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Steve Davis, Project Manager



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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B0I0024-06) Water	Sampled: 09/01/00	13:45 Recei	ved: 09/02	/00 09:00					
Acetone	ND	5.00	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Benzene	ND	0.200	*1	u	n	Ħ	ir .	п	
Bromobenzene	ND	0.500	11	n	ti	u	N	n	
Bromochloromethane	ND	0.200	n	**	U	n	#	n	
Bromodichloromethane	ND	0.200	H	#	n	Ħ	Ħ	11	
Bromoform	ND	0.200	н	"	If	п	n	n	
Bromomethane	ND	1.00	n	п	*1	н	17	u	
2-Butanone	ND	2.00	11	17	11	n	17	н	
n-Butylbenzene	ND	0.200	tr.	11	ti	"	**	U	
sec-Butylbenzene	ND	0.200	D	Ħ	IJ	11	*1	17	
tert-Butylbenzene	ND	0.500	Ħ	n	D	n	n	12	
Carbon disulfide	ND	0.500	n	ti	17	Ħ	n	Ħ	
Carbon tetrachloride	ND	0.200	**	н	Ħ	**	Ħ	11	
Chlorobenzene	ND	0.200	"	11	11	II .	"	n	
Chloroethane	ND	1.00	Ħ	п	Ħ	н	H	11	
Chloroform	ND	0.200	ır	н	11		п	m	
Chloromethane	ND	1.00	n	**	u u	**	11	11	
2-Chlorotoluene	ND	0.500	π	11	Ħ	11	tr .	**	
4-Chlorotoluene	ND	0.500	п	11	н	11		**	
Dibromochloromethane	ND	0.200	**	11	Ħ	n		u	
1,2-Dibromo-3-chloropropane	ND	0.500	If	If	a	II	π	u	
1,2-Dibromoethane	ND	0.200	ıt	n	n	n	Ħ	Ħ	
Dibromomethane	ND	0.200	н	Ħ		tf	n	#	
1,2-Dichlorobenzene	ND	0.200	**	tt		it	u .	Ħ	
1,3-Dichlorobenzene	ND	0.200	11	u	n	"	u	n	
1,4-Dichlorobenzene	ND	0.200	tt	n	tt	n	Ħ	n	
Dichlorodifluoromethane	ND	0.500	ti	Ħ	*1	ti ti	m	n	
1,1-Dichloroethane	ND	0.200	n	rr ·	**	II .	п	u	
1,2-Dichloroethane	ND	0.200	n	Ħ	п	11	Ħ	n	
1,1-Dichloroethene	ND	0.200	17	Ħ	**	If	н		
cis-1,2-Dichloroethene	ND	0.200	n	п	u	rt .	π	"	
trans-1,2-Dichloroethene	ND	0.200	п	п	it .	Ħ	п	**	
1,2-Dichloropropane	ND	0.200	н	n	H	11		11	
1,3-Dichloropropane	ND	0.200	n	tt	"	n	n	11	
2,2-Dichloropropane	ND	0.200	n	Ħ	**	н	**	H	
1,1-Dichloropropene	ND	0.200	n	ıı	n		Ħ	II .	
cis-1,3-Dichloropropene	ND	0.200	n	11	и	#	и.	17	
trans-1,3-Dichloropropene	ND	0.200	n	**	17	**	н	**	
,o 2.0orop.op	112	0.200							

North Creek Analytical - Bothell

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Steve Davis, Project Manager

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting					-		
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B0I0024-06) Water	Sampled: 09/01/00	13:45 Recei	ved: 09/02	/00 09:00				_	
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	u	11	n	Ħ	u	n	
2-Hexanone	ND	2.00	**	"	11	Ħ	u	n	
Isopropylbenzene	ND	0.500	**	n	n	n	"	н	
p-Isopropyltoluene	ND	0.200	#	#1	Ħ	н	"	п	
Methylene chloride	ND	0.500	11	**	rt .	If	Ħ	n	
4-Methyl-2-pentanone	ND	2.00	11	н	n	It	*	11	
Naphthalene	ND	0.500	н	Ħ	11	**	n	n	
n-Propylbenzene	ND	0.500		H	a	*1	H	11	
Styrene	ND	0.500	rf	**	n	11	rr rr	п	
1,1,1,2-Tetrachloroethane	ND	0.200	п	11	"	Ħ	u	11	
1,1,2,2-Tetrachloroethane	ND	0.500	Ħ	**	n	n	ır	п	
Tetrachloroethene	0.389	0.200	**	*1	11	n	19	"	
Toluene	ND	0.200	**	11	Ħ	11	tı	н	
1,2,3-Trichlorobenzene	ND	0.200	Ħ	n	н	Ħ	"	n	
1,2,4-Trichlorobenzene	ND	0.200	17	li .	*	н	n	"	
1,1,1-Trichloroethane	ND	0.200	"	Ħ	n	11	u	Ħ	
1,1,2-Trichloroethane	ND	0.200	11	н	n	n	ıı	π	
Trichloroethene	ND	0.200	n	n	17	17	17	n .	
Trichlorofluoromethane	ND	0.500	н	H	17	19	n	n	
1,2,3-Trichloropropane	ND	0.500	ti	п	11	11	**	11	
1,2,4-Trimethylbenzene	ND	0.200	17	**	H	**	n	Ħ	
1,3,5-Trimethylbenzene	ND	0.500	11	n	M	17	ħ	n	
Vinyl chloride	ND	0.200	11	ıı	tı	н	ti	#	
m,p-Xylene	ND	0.500	**	Ħ	Ħ	ti	n	n	
o-Xylene	ND	0.250	10	n	**	**	п	**	
Surrogate: 1,2-DCA-d4	97.6%	60-130			"	"	"	"	
Surrogate: Toluene-d8	99.2 %	80-120			"	"	#	"	
Surrogate: 4-BFB	104 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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Steve Davis, Project Manager



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting			Reporting						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
FPC-10S (B0I0024-07) Water	Sampled: 09/01/00 14	1:47 Receiv	/ed: 09/02	/00 09:00							
Acetone	ND	5.00	ug/l	I	0106047	09/06/00	09/06/00	EPA 8260B			
Benzene	ND	0.200	n	11	n	tt	11				
Bromobenzene	ND	0.500	Ħ	ŧf	n	п	n	п			
Bromochloromethane	ND	0.200	tr	**	er	11	IT	H			
Bromodichloromethane	ND	0.200	11	n	N	n	н	n			
Bromoform	ND	0.200	11	n	11	n	11	н			
Bromomethane	ND	1.00	Ħ	II .	н	п	n	и			
2-Butanone	ND	2.00	ŧi	'n	ti	n	n	II .			
n-Butylbenzene	ND	0.200	tf	n	17	n	н	"			
sec-Butylbenzene	ND	0.200	n	n	n	11	Ħ	u			
tert-Butylbenzene	ND	0.500	n	Ħ	fi	11	tt	11			
Carbon disulfide	ND	0.500	**	п	**	**	п	n			
Carbon tetrachloride	ND	0.200	n	n	*1	H	n	ı,			
Chlorobenzene	ND	0.200	11	n	п	н	п	н			
Chloroethane	ND	1.00	u	11		Ħ	11	"			
Chloroform	ND	0.200	n	Ħ	Ħ	u	n	n			
Chloromethane	ND	1.00	H	n		n	н	"			
2-Chlorotoluene	ND	0.500	11	Ħ		u	n	a			
4-Chlorotoluene	ND	0.500	n	U	n	ıı	**	h			
Dibromochloromethane	ND	0.200	e .	v	n	n	n	n			
1,2-Dibromo-3-chloropropane	ND	0.500	ti	ø	11	11	п	12			
1,2-Dibromoethane	ND	0.200	a	17	11	11	n	u			
Dibromomethane	ND	0.200	n	D	11	11	n	17			
1.2-Dichlorobenzene	ND	0.200	17	tr	n	Ħ	n n	n			
1,3-Dichlorobenzene	ND	0.200	If	**	n	n	11	II .			
1.4-Dichlorobenzene	ND	0.200	n	**	n .	n	II.	Ħ			
Dichlorodifluoromethane	ND	0.500	er	**	U	u	u	**			
1,1-Dichloroethane	ND	0.200	n	Ħ	17	II .	n	н			
1,2-Dichloroethane	ND	0.200	11	**	н	tt.	n	н			
1,1-Dichloroethene	ND	0.200	п	n	Ħ	ti .	n	π			
cis-1,2-Dichloroethene	0.522	0.200	n	H	11	41	"	n			
trans-1,2-Dichloroethene	ND	0.200	r	ıı	Ħ	19	11	п			
1,2-Dichloropropane	ND	0.200	tr.	15	11	n	11	н			
1,3-Dichloropropane	ND	0.200		11	41	N	ti	11			
2,2-Dichloropropane	ND	0.200		n	n	n	H	n			
I,I-Dichloropropene	ND	0.200	11	*1	н	u,	If	n			
cis-1,3-Dichloropropene	ND	0.200	11	n	n	11	n	н			
trans-1,3-Dichloropropene	ND	0.200	u	n	п	**	r	ti .			
amis-1,3-Dictitotobrobette		0.200									

North Creek Analytical - Bothell

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

1	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Drangrad	Analyzed	Method	Natas
į	Analyte			Units	Dilation .		Fiepareu	Allalyzeu		Notes
	FPC-10S (B0I0024-07) Water	Sampled: 09/01/00 1	14:47 Receiv	ed: 09/02/	00 09:00					
	Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
6	Hexachlorobutadiene	ND	0.500	a	H	tt	H	11	n	
	2-Hexanone	ND	2.00	m .	п	#	11	u	u	
t	Isopropylbenzene	ND	0.500		n	и	n	n	11	
į.	p-Isopropyltoluene	ND	0.200	Ħ	II .	n	n	n	u	
	Methylene chloride	ND	0.500	n	If	17		"	**	
}	4-Methyl-2-pentanone	ND	2.00	Ħ	н	17	ti	h	11	
	Naphthalene	ND	0.500	u	11	u	п	n	а	
L	n-Propylbenzene	ND	0.500	U	н	n	н	n	R	
	Styrene	ND	0.500		U	**	n	n	rt	
ţ	1,1,1,2-Tetrachloroethane	ND	0.200	n	n	u	"	II	u	
	1,1,2,2-Tetrachloroethane	ND	0.500	п	17	n	ıı	17	п	
	Tetrachloroethene	ND	0.200	n	11	ti		H	n	
ř	Toluene	ND	0.200	11	n	Ħ	**	ıı	н	
	1,2,3-Trichlorobenzene	'nD	0.200	п	Ħ	н	**	"	н	
	1,2,4-Trichlorobenzene	ND	0.200	"	Ħ	п	н	n	n	
	1,1,1-Trichloroethane	ND	0.200	n	11	Ħ	u	н	tt	
,	1,1,2-Trichloroethane	ND	0.200	11	It	0	11	19	н	
,	Trichloroethene	ND	0.200	*1	н	n	n	**	11	
	Trichlorofluoromethane	ND	0.500	11	н	**	Ħ	"	n	
ſ	1,2,3-Trichloropropane	ND	0.500	n	11	n	п	n	n	
	1,2,4-Trimethylbenzene	ND	0.200		Ħ	H	u	н	n	
	1,3,5-Trimethylbenzene	ND	0.500	11	*11	н	п	H	11	
i.	Vinyl chloride	ND	0.200	#	n		(t	n	н	
1	m,p-Xylene	ND	0.500	ŧı	tt .	n	11	n	н	
7	o-Xylene	ND	0.250	"	н	n	11	п	п	
	Surrogate: 1,2-DCA-d4	96.0 %	60-130		<u>.</u>	"	· · · · · · · · · · · · · · · · · · ·	"	"	
-	Surrogate: Toluene-d8	99.6 %	80-120			"	**	"	**	
į	Surrogate: 4-BFB	106 %	80-120			"	,,	"	rr r	

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

,	Analyte	Result	eporting Limit	Units	Dilution	Batch	Prenared	Analyzed	Method	Notes
1		 		<u> </u>			····			110103
	FPC-7 (B0I0024-08) Water			i: 09/02/00	09:00		<u> </u>			
	Acetone	ND	5.00	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
,	Benzene	ND	0.200	tt	n	**	n	H	rt .	
	Bromobenzene	ND	0.500	n	Ħ	#	11	II	"	
1	Bromochloromethane	ND	0.200	Ħ	If	Ħ	Ħ	II	#	
,	Bromodichloromethane	ND	0.200	H	et	**	11	If	#	
	Bromoform	ND	0.200	tt	n	n	n	**	Ħ	
,	Bromomethane	ND	1.00	**	u	II .	n	п	n	
!	2-Butanone	ND	2.00	11	n	11	"	n	11	
	n-Butylbenzene	ND	0.200	п	n	n	11	п	n	
	sec-Butylbenzene	ND	0.200	II	17	**	n	U	11	
	tert-Butylbenzene	ND	0.500	n	"	**	Ħ	11	н	
	Carbon disulfide	ND	0.500	**	"	rt	**	H	**	
	Carbon tetrachloride	ND	0.200	17	Ħ	н	n	17	tt	
	Chlorobenzene	ND	0.200	12	n	n	Ħ	"	n	
	Chloroethane	ND	1.00	**	н	"	u	п	п	
	Chloroform	ND	0.200	tı	Ħ	11	u	n	t7	
	Chloromethane	ND	1.00	Ħ	tt	**	17	U	n	
	2-Chlorotoluene	ND	0.500	н	#	**	ır	"	n	
	4-Chlorotoluene	ND	0.500	n	ŧi	Ħ	Ħ	**	tı	
	Dibromochloromethane	ND	0.200	11	п	11	п	tr	n	
,	1,2-Dibromo-3-chloropropane	ND	0.500	n	н	11	Ħ	17	11	
	1,2-Dibromoethane	ND	0.200	**	н	n	п	Ħ	ti .	
7	Dibromomethane	ND	0.200	**	н	IJ	н	Ħ	Ħ	
	1,2-Dichlorobenzene	ND	0.200	#	п	n	n	ti	n	
	1,3-Dichlorobenzene	ND	0.200	н	u	н	11	н	n	
	1,4-Dichlorobenzene	ND	0.200	u	н	12	**	u	H	
	Dichlorodifluoromethane	ND	0.500	п	"	11	m	U	n	
	1,1-Dichloroethane	ND	0.200	•	"	•	11	п	17	
	1,2-Dichloroethane	ND	0.200	n	н	Ħ	n	n	IT	
	1,1-Dichloroethene	ND	0.200	**	"	Ħ	"	11	**	
	cis-1,2-Dichloroethene	ND	0.200	#	d	11	11	.,	**	
	trans-1,2-Dichloroethene	ND	0.200	**	n	ti	п	"	**	
	1,2-Dichloropropane	ND	0.200	**	11	u	н	**	н	
	1,3-Dichloropropane	ND	0.200	н	Ħ	n	n	**	ч	
	2,2-Dichloropropane	ND	0.200	н	11	n	Ħ	n	H	
	1,1-Dichloropropene	ND	0.200	n	ti .	10	n	u	H	
	cis-1,3-Dichloropropene	ND	0.200	11	n	n	*	н	ır	
	trans-1,3-Dichloropropene	ND	0.200	11	"	Ħ	#	tt	#	
	amis-1,5-Dictitotopropose	1412	0.200							

North Creek Analytical Bothell

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Steve Davis, Project Manager

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Portland

Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-7 (B0I0024-08) Water	Sampled: 09/01/00 15:55	Receive	d: 09/02/00	09:00	-				
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	_
Hexachlorobutadiene	ND	0.500	#	п	Ħ	11	11	Ħ	
2-Hexanone	ND	2.00	11	н	II	Ħ	n	n	
Isopropylbenzene	ND	0.500	"	"	Ħ	11	n	n	
p-Isopropyltoluene	ND	0.200	n	ŧı	Ħ	п	u u	n	
Methylene chloride	ND	0.500	u	11	н	H	"	n	
4-Methyl-2-pentanone	ND	2.00	n	Ħ	n	н	it .	n	
Naphthalene	ND	0.500	"	Ħ	n	17	н	u	
n-Propylbenzene	ND	0.500	H	Ħ	13	17	н	17	
Styrene	ND	0.500	n	π	Ħ	**	n	**	
1,1,1,2-Tetrachloroethane	ND	0.200	11	tt	17	H	n	tf .	
1,1,2,2-Tetrachloroethane	, ND	0.500	п	Ħ	17	н	11	π	
Tetrachloroethene	ND	0.200	41	n	10	11	п	н	
Toluene	ND	0.200	**	н	н	Ħ	u	u	
1,2,3-Trichlorobenzene	ND	0.200	н	11	•	n	U	ч	
1,2,4-Trichlorobenzene	ND	0.200	H	n	п	tt	tr .	n	
1,1,1-Trichloroethane	ND	0.200	п	11	п	11	rr	u	
1,1,2-Trichloroethane	ND	0.200	"	It	11	Ħ	II	U	
Trichloroethene	ND	0.200	11	Ħ	Ħ	19	н	ii .	
Trichlorofluoromethane	ND	0.500	11	n	Ħ	н	n	n	
1,2,3-Trichloropropane	ND	0.500	H	U	II .	11	u	n	
1,2,4-Trimethylbenzene	ND	0.200	"	н		n	n	ti	
1,3,5-Trimethylbenzene	ND	0.500	**	11	н	и	11	11	
Vinyl chloride	ND	0.200	п	п	**	"	н	11	
m,p-Xylene	ND	0.500	11	п	tr .	**	n	n	
o-Xylene	ND	0.250	n	n	11	**	n	11	
Surrogate: 1,2-DCA-d4	98.8 % 6	0-130			"	"	"	"	
Surrogate: Toluene-d8	99.6% 8	0-120			"	"	"	"	
Surrogate: 4-BFB	110% 8	0-120			"	"	"	<i>H</i>	

North Creek Analytical - Bothell Steve Davis, Project Manager

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

	Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-5 (B0I0024-09) Water	Sampled: 09/01/00 16:50	Received	1: 09/02/00	09:00					
Acetone	ND	5.00	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Benzene	ND	0.200	a	ti	H	n	11	н	
Bromobenzene	ND	0.500	n	n	п	н	17	"	
Bromochloromethane	ND	0.200	n	II	11	н	н	n	
Bromodichloromethane	ND	0.200	IT .	ıı	u	u	Ħ	Ħ	
Bromoform	ND	0.200	п	n	n	n	п	н	
Bromomethane	ND	1.00	H	n	H	н	п	н	
2-Butanone	ND	2.00	11	tr	**	n	**	er	
n-Butylbenzene	ND	0.200	n	17	11	u	#	н	
sec-Butylbenzene	ND	0.200	17	n	n	ti	11	п	
tert-Butylbenzene	ND	0.500	и	n	17	**	н	u	
Carbon disulfide	. ND	0.500	"	ti	11	п	11	H	
Carbon tetrachloride	ND	0.200	u		**	n	17	m	
Chlorobenzene	ND	0.200	н	ti.	ti	n	Ħ	Ħ	
Chloroethane	ND	1.00	и	n	n	n	t#	ti .	
Chloroform	ND	0.200	17	п	n		**	n	
Chloromethane	ND	1.00	**	#1	n	H.	u	11	
2-Chlorotoluene	ND	0.500	**	11	II .	Ħ	n	11	
4-Chlorotoluene	ND	0.500	n	tr.	10	11	m	17	
Dibromochloromethane	ND	0.200	tt	11	11	11	11	Ħ	
1,2-Dibromo-3-chloropropane	ND	0.500	n	II .	n	n	11	tt	
1,2-Dibromoethane	ND	0.200	n	tf	u	O.	Ħ	fi .	
Dibromomethane	ND	0.200	Ħ	n	Ħ	11	п	u ,	
1,2-Dichlorobenzene	ND	0.200	н	11	u	**	н	n	
1,3-Dichlorobenzene	ND	0.200	11	*1	11	**	n	**	
1,4-Dichlorobenzene	ND	0.200	Ħ	n	11	tt	n	**	
Dichlorodifluoromethane	ND	0.500	tt	u	rr	ti	I7	n	
1,1-Dichloroethane	ND	0.200	n	n	Ħ	n	n	H	
1,2-Dichloroethane	ND	0.200	ŧŧ	Ħ	ti	11	**	n	
1,1-Dichloroethene	ND	0.200	**	Ħ	n	11	n	n	
cis-1,2-Dichloroethene	ND	0.200	n	11	Ħ	If	п	U	
trans-1,2-Dichloroethene	ND	0.200	11	н	u	"	u	10	
1,2-Dichloropropane	ND	0.200	Ħ	n	n	11	II.	Ħ	
1,3-Dichloropropane	ND	0.200	п	II.	u	u	II.	**	
2,2-Dichloropropane	ND	0.200	11	tt	•	Ħ	**	***	
1,1-Dichloropropene	ND	0.200	"	**	п	n	11	n	
cis-1,3-Dichloropropene	ND	0.200	n	ti	n	IT	U	H	
trans-1,3-Dichloropropene	ND	0.200	ıı	н	п	H .	u	17	
i, zitilistoptopolio	1,2								

North Creek Analytical - Bothel

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Steve Davis, Project Manager

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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-5 (B0I0024-09) Water	Sampled: 09/01/00 16:50	Receive	d: 09/02/00			<u> </u>	<u> </u>		
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	u u	n	11	11	m	n	
2-Hexanone	ND	2.00	н	er e	n	**	m	n	
Isopropylbenzene	ND	0.500	U	tt.	н	**	п	"	
p-Isopropyltoluene	ND	0.200		n	11	u	**	**	
Methylene chloride	ND	0.500	**	11	17	H	**	n	
4-Methyl-2-pentanone	ND	2.00	tt	п	•	tt .	n	n	
Naphthalene	ND	0.500	н	n	11	71	**	u .	
n-Propylbenzene	ND	0.500	n	17	U	н	17	17	
Styrene	ND	0.500	u	11		н	tr	n	
1,1,1,2-Tetrachloroethane	ND	0.200	tř	11		H	n	11	
1,1,2,2-Tetrachloroethane	ND	0.500	n	п	41	"	n	н	
Tetrachloroethene	0.435	0.200	tr	11	Ħ	**	u	u	
Toluene	ND	0.200	u	II	н	Ħ	14	U	
1,2,3-Trichlorobenzene	ND	0.200	n	n	n	Ħ	п	**	
1,2,4-Trichlorobenzene	ND	0.200	17	17	11	n	**	**	
1,1,1-Trichloroethane	ND	0.200	n	11	**	17	n	Ħ	
1,1,2-Trichloroethane	ND	0.200	m	n	11	11	11	**	
Trichloroethene	ND	0.200	п	п	**	n	n	н	
Trichlorofluoromethane	ND	0.500	u	n	71	Ħ	17	Ħ	
1,2,3-Trichloropropane	ND	0.500	u	It	и	а	n	n	
1,2,4-Trimethylbenzene	ND	0.200	m .	11	17	U	n	n	
1,3,5-Trimethylbenzene	ND	0.500	Ħ	U	17	H	n	n	
Vinyl chloride	ND	0.200	**	"	17	11	n	Ħ	
m,p-Xylene	ND	0.500	n	n	н	**	п	ti	
o-Xylene	ND	0.250	tf	н	Ħ	tt	п	tt	
Surrogate: 1,2-DCA-d4	98.0 % 60	7-130			"	"	n	"	•
Surrogate: Toluene-d8	98.4 % 80	D-120			"	"	"	"	
Surrogate: 4-BFB	103 % 80	0-120			"	"	"	"	

North Creek Analytical

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North Creek Analytical, Inc. Environmental Laboratory Network Page 19 of 32



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

بر ا			eporting		_					
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-4 (B0I0024-10) Water	Sampled: 09/01/00 17:35	Received	l: 09/0 2 /00	09:00					
	Acetone	8.44	5.00	ug/I	1	0106047	09/06/00	09/06/00	EPA 8260B	
ŀ	Benzene	0.848	0.200	н	Ħ	t†	"	"	и	
	Bromobenzene	ND	0.500	11	Ħ	17	11	tt	11	
×.	Bromochloromethane	ND	0.200	ti	U	н	n	a	н	
L	Bromodichloromethane	ND	0.200	n	n	н	11	Ħ	и	
	Bromoform	ND	0.200	H	II	Ħ	11	**	H	
s	Bromomethane	ND	1.00	**	**	n	"	**	10	
	2-Butanone	ND	2.00	**	n	n	н	n	"	
	n-Butylbenzene	ND	0.200	Ħ	n	Ħ	4	n	11	
	sec-Butylbenzene	ND	0.200	n	"	н	11	n	u	
	tert-Butylbenzene	ND	0.500	n n	ıı	*1	n	11	n .	
	Carbon disulfide	1.73	0.500	Iŧ	н	n	"	n	ч	
	Carbon tetrachloride	ND	0.200	H	11	17	**	17	H .	
	Chlorobenzene	ND	0.200	ti	n	*	Ħ	17	17	
ŕ	Chloroethane	ND	1.00	11	U	н	Ħ	п	11	
	Chloroform	ND	0.200	н	tr	n	v	n	11	
	Chloromethane	ND	1.00	a	19	*1	U	н	n	
ì	2-Chlorotoluene	ND	0.500	11	п	11	II.	n	11	
,	4-Chlorotoluene	ND	0.500	IT	Ħ	n	H	H	n	
	Dibromochloromethane	ND	0.200	17	п	If	**	**	n	
	1,2-Dibromo-3-chloropropane	ND	0.500	17	n	t1	n	**	Ħ	
,	1,2-Dibromoethane	ND	0.200	н	п	**	**	н	**	
	Dibromomethane	ND	0.200	н	н	11	n	н	Ħ	
	1,2-Dichlorobenzene	ND	0.200	н	H	н	u	n	tt .	
•	1,3-Dichlorobenzene	ND	0.200	n	IT	н	n	n	n	
ř	1,4-Dichlorobenzene	ND	0.200	n	m	Ħ	n	n	n	
	Dichlorodifluoromethane	ND	0.500	11	H	H	87	п	п	
ť	1,1-Dichloroethane	ND	0.200	ŧi	Ħ	n	11	H	n .	
	1,2-Dichloroethane	ND	0.200	ff.	*1	O	11	17	Ħ	
	1,1-Dichloroethene	ND	0.200	TI TI	n	H	ti	'n	н	
	cis-1,2-Dichloroethene	1.20	0.200	Ħ	n	n	rt	**	n	
ì	trans-1,2-Dichloroethene	ND	0.200	н	u	n	п	n	11	
5	1,2-Dichloropropane	ND	0.200	н	11	"	U	ti	n	
	1,3-Dichloropropane	ND	0.200	н	"	"	и	п	tı	
	2,2-Dichloropropane	ND	0.200	Ħ	**	tt	n	n	u	
	1,1-Dichloropropene	ND	0.200	m	**	n .	**	n	a	
	cis-1,3-Dichloropropene	ND	0.200	n	u	n	11	11	u	
	trans-1,3-Dichloropropene	ND	0.200	Ħ	Ħ	ττ	Ħ	"	11	
	,									

North Creek Analytical - Bothell

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-4 (B0I0024-10) Water	Sampled: 09/01/00 17:35	Received	Received: 09/02/00 09:00						
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	11	11	#	п	H	ir .	
2-Hexanone	ND	2.00	R	**	н	n	**	n	
Isopropylbenzene	ND	0.500	**	11	"	11	tr	π	
p-Isopropyltoluene	ND	0.200	Ħ	н	H	п	н	11	
Methylene chloride	ND	0.500	11	n	17	n	r	u	
4-Methyl-2-pentanone	ND	2.00	u	**	**	u	n	n	
Naphthalene	ND	0.500	n	n	H	IT	π	п	
n-Propylbenzene	ND	0.500	•	**	**	IF	11	n	
Styrene	ND	0.500	It	н	Ħ	**	н	**	
1,1,1,2-Tetrachloroethane	ND	0.200	H	#	11	n	н	"	
1,1,2,2-Tetrachloroethane	ND	0.500	н	н	Ħ	п	m	rr	
Tetrachloroethene	ND	0.200	ч	п	п	n	m	tt	
Toluene	ND	0.200	**	**	"	Ħ	m	17	
1,2,3-Trichlorobenzene	ND	0.200.	u	17	17	π	17	Ħ	
1,2,4-Trichlorobenzene	ND	0.200	n	87	Ħ	n	re .	и	
1,1,1-Trichloroethane	ND	0.200	n	11	**	n	Ħ	TI T	
1,1,2-Trichloroethane	ND	0.200	u	n	•1	u	Ħ	u	
Trichloroethene	· ND	0.200	ti.	**	**	H	н	O	
Trichlorofluoromethane	ND	0.500	"	τι	tt	H	"	"	
1,2,3-Trichloropropane	ND	0.500	**	Ħ	11	W	н	н	
1,2,4-Trimethylbenzene	ND	0.200	**	Ħ	11		"	"	
1,3,5-Trimethylbenzene	ND	0.500	#	Ħ	п	н	"	11	
Vinyl chloride	ND	0.200	ti	n	tt	н	11	**	•
m,p-Xylene	ND	0.500		п	11	п	Ħ	ч	
o-Xylene	ND	0.250	H	n	Ħ	п	r	н	
Surrogate: 1,2-DCA-d4	98.0 % 6	0-130			"	"	"	"	
Surrogate: Toluene-d8	100 % 8	0-120			"	•	"	"	
Surrogate: 4-BFB	102 % 8	0-120			"	"	"	"	

North Creek Analytical - Bothell

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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

	R	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-1 (B0I0024-11) Water	Sampled: 09/01/00 18:37	Received	1: 09/02/00	09:00		-			
Acetone	87.3	20.0	ug/l	4	0106047	09/06/00	09/07/00	EPA 8260B	
Benzene	ND	0.200	ú	1	11	н	09/06/00	11	
Bromobenzene	ND	0.500	n	H	17	п	п	n	
Bromochloromethane	ND	0.200	Ħ	11	**	n	n	II .	
Bromodichloromethane	ND	0.200	u u	77	n	H	11	11	
Bromoform	ND	0.200	11	п	11	r†	n	7	
Bromomethane	ND	1.00	н	п	Ħ	н	Ħ	a	
2-Butanone	3.12	2.00	n	II.	17	Ħ	Ħ	u	
n-Butylbenzene	ND	0.200	18	11	**	n	Ħ	н	
sec-Butylbenzene	ND	0.200	u	tt	Ħ	u	ti	n	
tert-Butylbenzene	ND	0.500		ti	n	n	n	II	
Carbon disulfide	ND	0.500	n	tı	u	ır	n	IT .	
Carbon tetrachloride	ND	0.200	11	n	н	n	II	11	
Chlorobenzene	ND	0.200	n	11	W.	11	"	tr	
Chloroethane	ND	1.00	11	11	11	Ħ	n	п	
Chloroform	ND	0.200	н	l†	17	u	n	u	
Chloromethane	ND	1.00	н	**	Ħ	н	II	н	
2-Chlorotoluene	ND	0.500	11	п	n	n	II	H	
4-Chlorotoluene	ND	0.500	t†	ti .	n	ti	it .	n	
Dibromochloromethane	ND	0.200	H	II .	n	*1	"	**	
1,2-Dibromo-3-chloropropane	. ND	0.500	ti	n	n	Ħ	н	Ħ	
1,2-Dibromoethane	ND	0.200	11	11	n	n	н	н	
Dibromomethane	ND	0.200	n	17	17	ti	п	n	
1,2-Dichlorobenzene	ND	0.200	и	11	**	ti	н	H	
1,3-Dichlorobenzene	ND	0.200	u	п	n	н	II .	н	
1,4-Dichlorobenzene	ND	0.200	11	н	n	u	n	n	
Dichlorodifluoromethane	ND	0.500	17	u	п	12	P	н	
1,1-Dichloroethane	ND	0.200	i j	u	n	**	If	Ħ	
1,2-Dichloroethane	ND	0.200	n	n	н	42	n	rr ·	
1,1-Dichloroethene	ND	0.200	*1	n	H	11	н	10	
cis-1,2-Dichloroethene	ND	0.200	n	n	n	n	п	11*	
trans-1,2-Dichloroethene	ND	0.200	н	r r	r	H	n	н	
1,2-Dichloropropane	ND	0.200	Ħ	π	Ħ	11	u	н	
1,3-Dichloropropane	ND	0.200	н	tr	Ħ	0	u	tt	
2,2-Dichloropropane	ND	0.200	17	Ħ	п	17	U	n	
1,1-Dichloropropene	ND	0.200	Ħ	n	u	"	n .	rr	
cis-1,3-Dichloropropene	ND	0.200	Ħ	n	Ħ	"	**	**	
trans-1,3-Dichloropropene	ND	0.200	ti	n	п	н	п	17	
,	=								

North Creek Analytical - Bothell

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Steve Davis, Project Manager

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		eporting	•••						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-1 (B010024-11) Water	Sampled: 09/01/00 18:37	Received	1: 09/02/00	09:00					
Ethylbenzene	ND	0.200	ug/l	1	0106047	09/06/00	09/06/00	EPA 8260B	•
Hexachlorobutadiene	ND	0.500	н	tt	**	u	Ħ		
2-Hexanone	ND	2.00	II	Ħ	17	**	n	11	
Isopropylbenzene	ND	0.500	U	#1	n	u	**	ır	
p-Isopropyltoluene	ND	0.200	n	Ħ	n	n	Ħ	H	
Methylene chloride	ND	0.500	n	11	n	u	п	17	
4-Methyl-2-pentanone	ND	2.00	11	II.	17	Ħ	n	11	
Naphthalene	ND	0.500	11	H.	11	tt .	u	n	
n-Propylbenzene	ND	0.500	II .	11	ti	P	n	11	
Styrene	ND	0.500	11	N	tı	tt	Ħ	II.	
1,1,1,2-Tetrachloroethane	ND	0.200	u	н	11	Ħ	r	II.	
1,1,2,2-Tetrachloroethane	ND	0.500	n	ŧ	*1	н	*1	10	
Tetrachloroethene .	ND	0.200	11	11	u	u	**	r	
Toluene	ND	0.200	11	a a	ti	tt	et .	N	
1,2,3-Trichlorobenzene	ND	0.200	"	n	ti	ti	n	17	*
1,2,4-Trichlorobenzene	ND	0.200	n	n	u	u	H	Ħ	
1,1,1-Trichloroethane	ND	0.200	u	11	11	0	17	Ħ	
1,1,2-Trichloroethane	ND	0.200		"	11	O	II.	п	
Trichloroethene	ND	0.200		n	n	t7	n	n	
Trichlorofluoromethane	ND	0.500	17	ti	ti	. 11	77	n	
1,2,3-Trichloropropane	ND	0.500	17	n	11	н	H	U	
1,2,4-Trimethylbenzene	ND	0.200	tr	11	tt	**	n	U	
1,3,5-Trimethylbenzene	ND	0.500	tt	11	n	н	**	tf	
Vinyl chloride	ND	0.200	#	11	Ħ	Ħ	11	19	
m,p-Xylene	ND	0.500	Ħ	n	н	н	11	17	
o-Xylene	ND	0.250	π	11	u	н	n	H	
Surrogate: 1,2-DCA-d4	97.6% 6	0-130			"	"	"	"	
Surrogate: Toluene-d8	<i>98.4</i> % 8	0-120			"	"	"	"	
Surrogate: 4-BFB	102 % .8	0-120			"	•	"	"	

North Creek Analytical - Bothell

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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte Result Limit Units Dilution Batch Prepared Analyzed Method	
Acetone ND 5.00 ug/l 1 0107026 09/07/00 09/07/00 EPA 8260B Benzene ND 0.200 "	Notes
Benzene ND 0.200 " <t< th=""><th></th></t<>	
Bromobenzene ND 0.500 "	
Bromochloromethane	
Bromodichloromethane	
Bromoform ND 0.200 "	
Bromomethane ND 1.00 " " " " " " " " " " " " " " " " " "	
2-Butanone ND 2.00 " " " " " "	
n-Butylbenzene ND 0.200 " " " " " "	
sec-Butylbenzene ND 0.200 " " " " " "	
tert-Butylbenzene ND 0.500 " " " " " "	
Carbon disulfide ND 0.500 " " " " " "	
Carbon tetrachloride ND 0.200 " " " " " "	
Chlorobenzene ND 0.200 " " " " " " "	
Chloroethane ND 1.00 " " " " " "	
Chloroform ND 0.200 " " " " " "	
Chloromethane ND 1.00 " " " " " "	
2-Chlorotoluene ND 0.500 " " " " " "	
4-Chlorotoluene ND 0.500 " " " " " " "	
Dibromochloromethane ND 0.200 " " " " " " "	
1,2-Dibromo-3-chloropropane ND 0.500 " " " " " " "	
1,2-Dibromoethane ND 0.200 " " " " " "	
Dibromomethane ND 0.200 " " " " " "	
1,2-Dichlorobenzene ND 0.200 " " " " " " "	
1,3-Dichlorobenzene ND 0.200 " " " " " "	
1,4-Dichlorobenzene ND 0.200 " " " " " "	
Dichlorodifluoromethane ND 0.500 " " " " " "	
1.1-Dichloroethane ND 0.200 " " " " " "	
1,2-Dichloroethane ND 0.200 " " " " " "	
1,1-Dichloroethene ND 0.200 " " " " " "	
cis-1,2-Dichloroethene ND 0.200 " " " " " "	
trans-1,2-Dichloroethene ND 0.200 " " " " " "	
1,2-Dichloropropane ND 0.200 " " " " " "	
1,3-Dichloropropane ND 0.200 " " " " " " "	
2,2-Dichloropropane ND 0.200 " " " " " " "	
1,1-Dichloropropene ND 0.200 " " " " " " "	
cis-1,3-Dichloropropene ND 0.200 " " " " " " "	
trans-1,3-Dichloropropene ND 0.200 " " " " " "	

North Creek Analytical - Bothell

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927-9092-189

Reported: 09/11/00 15:10

Seattle WA, 98121

Project Manager: David Raubvogel

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-3 (B0I0024-12) Water	Sampled: 09/01/00 19:30	Receive	d: 09/02/00	09:00					
Ethylbenzene	ND	0.200	ug/l	1	0107026	09/07/00	09/07/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	ti	n	п	н	**	n	
2-Hexanone	ND	2.00	4	Ħ	и	I†	ч	Ħ	
Isopropylbenzene	ND	0.500	II .	Ħ	н	17	u	71	
p-Isopropyltoluene	ND	0.200	II.	a	17	H	n n	**	
Methylene chloride	ND	0.500	17	H	**	11	ıı	н	
4-Methyl-2-pentanone	ND	2.00	tr	II.	**	11	**	Ħ	
Naphthalene	ND	0.500	11	Ħ	Ħ	11	π	Ħ	
n-Propylbenzene	ND	0.500	**	**	н	u	п	n	
Styrene	ND	0.500	Ħ	Ħ	ti	Ħ	а	Ħ	
1,1,1,2-Tetrachloroethane	ND	0.200	п	u	н	Ħ	н	n	
1,1,2,2-Tetrachloroethane	ND	0.500	11	n	17	11	п	Ħ	
Tetrachloroethene	ND	0.200	17	Ħ	17	Ħ	н	н	
Toluene	ND	0.200	t†	H.	**	Ħ	n	ti	
1,2,3-Trichlorobenzene	ND	0.200	**	ii	*1	а	47	п	
1,2,4-Trichlorobenzene	ND	0.200	tt	n	Ħ	**	rr .	ti	
1,1,1-Trichloroethane	ND	0.200	11	11	11	n	11	н	
1,1,2-Trichloroethane	ND	0.200	ti	Ħ	n	10	а	Ħ	
Trichloroethene	ND	0.200	U	н	н	n	n	11	
Trichlorofluoromethane	ND	0.500	U	n	u	H	n	11	
1,2,3-Trichloropropane	ND	0.500	11	н	U	n	n	11	
1,2,4-Trimethylbenzene	ND	0.200	"	17	17	n		н	
1,3,5-Trimethylbenzene	ND	0.500	н	н	17	ri	17	n	
Vinyl chloride	0.294	0.200	π	H	Ħ	n	47	n	
m,p-Xylene	ND	0.500	11	**	**	Π	**	н	
o-Xylene	ND	0.250	41	Ħ	u	**	**	H	
Surrogate: 1,2-DCA-d4	100 % 60	7-130	<u> </u>		"	"	"	<i>"</i>	
Surrogate: Toluene-d8	99.2 % 86	<i>0-120</i>			"	"	"	"	
Surrogate: 4-BFB	110 % 80	0-120			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc. **Environmental Laboratory Network** Page 25 of 32



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Dames and Moore-Seattle

Seattle WA, 98121

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

			Reporting		Spike	Source		%REC		RPD.	
į	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	Batch 0I06047: Prepared 09/06/00	Using E		 P/T]					<u>.</u>		
1	Blank (0I06047-BLK1)				_						
	Acetone	ND	5.00	ug/l							
	Benzene	ND	0.200	"							
1	Bromobenzene	ND	0.500	π							
	Bromochloromethane	ND	0.200	н							
	Bromodichloromethane	ND	0.200	ti							
	Bromoform	ND	0.200	п							
,	Bromomethane	ND	1.00	•							
	2-Butanone	ND	2.00	11							
ľ	n-Butylbenzene	ND	0.200	tı							
ļ	sec-Butylbenzene	ND	0.200	fi .							
	tert-Butylbenzene	ND	0.500	Ħ							
	Carbon disulfide	ND	0.500	11							
	Carbon tetrachloride	ND	0.200	n							
	Chlorobenzene	ND	0.200	n							
	Chloroethane	ND	1.00	n							
1	Chloroform	ND	0.200	ti							
	Chloromethane	ND	1.00	n							
	2-Chlorotoluene	ND	0.500	n							
	4-Chlorotoluene	ND	0.500	TI .							
	Dibromochloromethane	ND	0.200	10							
	1,2-Dibromo-3-chloropropane	ND	0.500	17							
	1,2-Dibromoethane	ND	0.200	Ħ							
ì	Dibromomethane	ND	0.200	**							
	1,2-Dichlorobenzene	ND	0.200	11						•	
	1,3-Dichlorobenzene	ND	0.200	ч							
Ī	1,4-Dichlorobenzene	ND	0.200	u							
	Dichlorodifluoromethane	ND	0.500	a							
	1,1-Dichloroethane	ND	0.200	Ħ							
ļ	1,2-Dichloroethane	ND	0.200	H							
	1,1-Dichloroethene	ND	0.200	rr							
i	cis-1,2-Dichloroethene	ND	0.200	н							
İ	trans-1,2-Dichloroethene	ND	0.200	"							
	1,2-Dichloropropane	ND	0.200	"							
)	1,3-Dichloropropane	ND	0.200	11							

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 26 of 32



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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Result	1			Reporting	•	Spike	Source		%REC	_	RPD	
Blank (0106047-BLK1)	!	Analyte			Units			%REC		RPD	Limit	Notes
2,2-Dichloropropane		Batch 0I06047: Prepared 09/06/00	Using EP	A 5030B [P/T]							•
1,1-Dichloropropene		Blank (0106047-BLK1)										
trans-1,3-Dichloropropene ND 0.200 " trans-1,3-Dichloropropene ND 0.200 " Ethylbenzene ND 0.200 " Ethylbenzene ND 0.500 " 2-Hexanlorobutadiene ND 0.500 " Isopropylbenzene ND 0.500 " P-Isopropylbenzene ND 0.500 " P-Isopropylbenzene ND 0.500 " Naphthalene ND 0.500 " Naphthalen		2,2-Dichloropropane	ND	0.200	ug/l							
trans-1,3-Dichloropropene ND 0.200 " Ethylbenzene ND 0.200 " Hexachlorobutadiene ND 0.500 " 2-Hexanone ND 0.500 " Isopropylbenzene ND 0.500 " Isopropyllouene ND 0.500 " Methylene chloride ND 0.500 " 4-Methyl-2-pentanone ND 0.500 " Naphthalene ND 0.500 " Naphthalene ND 0.500 " Naphthalene ND 0.500 " Naphthalene ND 0.500 " Norterachloroethane ND 0.500 " 1,1,1,2-Tetrachloroethane ND 0.500 " 1,1,1,2-Tetrachloroethane ND 0.500 " 1,1,1,2-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " 1,2,3-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " 1,2,3-Trichloroethane ND 0.200 "		1,1-Dichloropropene	ND	0.200	н							
Ethylbenzene ND 0.200 " Hexachlorobutadiene ND 0.500 " 2-Hexanone ND 0.500 " Isopropylbenzene ND 0.500 " p-Isopropylbenzene ND 0.500 " Methylene chloride ND 0.500 " A-Methyl-2-pentanone ND 0.500 " A-Methyl-2-pentanone ND 0.500 " Naphthalene ND 0.500 " In-Propylbenzene ND 0.500 " In-I,1,2-Tetrachloroethane ND 0.200 " I,1,2-Tetrachloroethane ND 0.200 " I,1,2-Trichloroethane ND 0.200 " I,2,3-Trichlorobenzene ND 0.200 " I,1,1-Trichloroethane ND 0.200 " I,1,1-Trichloroethane ND 0.200 " I,1,1-Trichloroethane ND 0.200 " I,1,1-Trichloroethane ND 0.200 " I,1,2-Trichloroethane ND 0.500 " I,1,2-Trichloroethane ND 0.500 " I,1,2-Trichloroethane ND 0.500 " I,1,2-Trichloroethane ND 0.500 " I,1,3-Trimbylbenzene ND 0.500 " I,2,3-Trichloropropane ND 0.500 " I,2,3-Trimbylbenzene ND 0.500 " I,3,3-Trimbylbenzene ND 0.500 " I,3,5-Trimbylbenzene ND 0.500 " I,3,5-Trichloroethane ND 0.500 " I,	i i	cis-1,3-Dichloropropene	ND	0.200	п							
Hexachlorobutadiene		trans-1,3-Dichloropropene	ND	0.200	II.							
Solution		Ethylbenzene	ND	0.200	17							
Isopropylloluene	,	Hexachlorobutadiene	ND	0.500	17							
P-Isopropylloluene	į.	2-Hexanone	ND	2.00	u							
Methylene chloride ND 0.500 " 4-Methyl-2-pentanone ND 2.00 " Naphthalene ND 0.500 " n-Propylbenzene ND 0.500 " Styrene ND 0.500 " 1,1,2-Tetrachloroethane ND 0.200 " 1,1,2-Tetrachloroethane ND 0.200 " Tetrachloroethane ND 0.200 " Toluene ND 0.200 " 1,2,3-Trichlorobenzene ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichlorofluoromethane ND 0.200 " 1,2,3-Trichloroptopane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.500 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride		Isopropyibenzene	ND	0.500	ti							
A-Methyl-2-pentanone ND 2.00 " Naphthalene ND 0.500 " Naphthalene ND 0.500 " Naphthalene ND 0.500 " Naphthalene ND 0.500 " ND 0.500	,	p-Isopropyltoluene	ND	0.200	n							
Naphthalene		Methylene chloride	ND	0.500	ti							
ND		4-Methyl-2-pentanone	ND	2.00	u							
Styrene ND 0.500 "	į	Naphthalene	ND	0.500	Ħ							
1,1,1,2-Tetrachloroethane ND 0.200 " 1,1,2,2-Tetrachloroethane ND 0.500 " Tetrachloroethene ND 0.200 " Toluene ND 0.200 " 1,2,3-Trichlorobenzene ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichlorofluoromethane ND 0.500 " 1,2,3-Trichloroptopane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.500 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.500 " wp-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 98.0 80-120	1	n-Propylbenzene	ND	0.500	U							
1,1,2,2-Tetrachloroethane		Styrene	ND	0.500	11							
Tetrachloroethene ND 0.200 " Toluene ND 0.200 " 1,2,3-Trichlorobenzene ND 0.200 " 1,2,4-Trichlorobenzene ND 0.200 " 1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichloroethane ND 0.200 " Trichloroethene ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.500 " 1,3,5-Trimethylbenzene ND 0.500 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " Trichlorofter ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " Trichloroethane ND 0.500 " Vinyl chloride ND 0.200 " Trichloropropane ND 0.500 " Trichloropropane N		1,1,1,2-Tetrachloroethane	ND	0.200	17							
Toluene ND 0.200 " 1,2,3-Trichlorobenzene ND 0.200 " 1,2,4-Trichlorobenzene ND 0.200 " 1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichloroethane ND 0.500 " 1,2,3-Trichloropentane ND 0.500 " 1,2,3-Trichloropene ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		1,1,2,2-Tetrachloroethane	ND	0.500	11							
1,2,3-Trichlorobenzene ND 0.200 " 1,2,4-Trichloroethane ND 0.200 " 1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichloroftuoromethane ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	ļ	Tetrachloroethene	ND	0.200	47							
1,2,4-Trichlorobenzene ND 0.200 " 1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichloroethane ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		Toluene	ND	0.200	н							
1,1,1-Trichloroethane ND 0.200 " 1,1,2-Trichloroethane ND 0.200 " Trichloroethene ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	í	1,2,3-Trichlorobenzene	ND	0.200	**							
1,1,2-Trichloroethane ND 0.200 " Trichloroethene ND 0.200 " Trichloroftuoromethane ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	ţ	1,2,4-Trichlorobenzene	ND	0.200	**							
Trichloroethene ND 0.200 " Trichlorofluoromethane ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		1,1,1-Trichloroethane	ND	0.200	n							
Trichlorofluoromethane ND 0.500 " 1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	ı	1,1,2-Trichloroethane	ND	0.200	11							
1,2,3-Trichloropropane ND 0.500 " 1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	;	Trichloroethene	ND	0.200	n							
1,2,4-Trimethylbenzene ND 0.200 " 1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		Trichlorofluoromethane	ND	. 0.500	п							
1,3,5-Trimethylbenzene ND 0.500 " Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	į	1,2,3-Trichloropropane	ND	0.500	n							
Vinyl chloride ND 0.200 " m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	i	1,2,4-Trimethylbenzene	ND	0.200	н							
m,p-Xylene ND 0.500 " o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		1,3,5-Trimethylbenzene	ND	0.500	11							
o-Xylene ND 0.250 " Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		Vinyl chloride	ND	0.200	n							
Surrogate: 1,2-DCA-d4 2.43 " 2.50 97.2 60-130 Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120	ĺ	m,p-Xylene	ND	0.500	11							
Surrogate: Toluene-d8 2.45 " 2.50 98.0 80-120		o-Xylene	ND	0.250	स							
	ı	_										
Surrogate: 4-BFB 2.75 " 2.50 110 80-120	(-										
	;	Surrogate: 4-BFB	2.75		"	2.50		110	80-120			

North Creek Analytical - Bothell

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Steve Davis, Project Manager

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

	[}	Reporting		Spike	Source	-	%REC		RPD	
-	Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
٠.	Batch 0I06047:	Prepared 09/06/00	Using EP	A 5030B [1	P/T]	<u> </u>						
	LCS (0106047-BS1)				· •		_				-
E	Benzene		1.99	0.200	ug/l	2.00		99.5	80-130			· -
	Chlorobenzene		2.00	0.200	Ħ	2.00		100	80-120			
ι	1,1-Dichloroethene		2.30	0.200	Ħ	2.00		115	60-140			
,	Toluene		2.00	0.200	n	2.00		100	70-130			
	Trichloroethene		2.01	0.200	H	2.00		100	70-130			
1	Surrogate: 1,2-DCA-d	14	2.53		11	2.50		101	60-130			
ι	Surrogate: Toluene-d8	3	2.53		"	2.50		101	80-120			
	Surrogate: 4-BFB		2.67		"	2.50		107	80-120			
1	LCS Dup (0106047	-BSD1)										
•	Benzene		2.04	0.200	ug/l	2.00		102	80-130	2.48	20	
	Chlorobenzene		2.03	0.200	11	2.00		101	80-120	1.49	20	
ſ	1,1-Dichloroethene		2.31	0.200	π	2.00		115	60-140	0.434	30	
,	Toluene		2.01	0.200	Ħ	2.00		100	70-130	0.499	20	
	Trichloroethene		2.05	0.200	Ħ	2.00		102	70-130	1.97	20	
	Surrogate: 1,2-DCA-d	14	2.54		"	2.50		102	60-130			
į	Surrogate: Toluene-d&		2.48		"	2.50		99.2	80-120			
	Surrogate: 4-BFB		2.46		"	2.50		98.4	80-120			
•	Batch 0I07026:	Prepared 09/07/00	Using EP	A 5030B [I	P/T]							
)	Blank (0I07026-BL											
ì	Acetone		ND	5.00	ug/l			-				
ĺ	Benzene		ND	0.200	н							
:	Bromobenzene		ND	0.500	Ħ							
	Bromochloromethane		ND	0.200	*1							
	Bromodichloromethan	ie	ND	0.200	n							
,	Bromoform		ND	0.200	II .							
	Bromomethane		ND	1.00	n							
	2-Butanone		ND	2.00	Ħ							
;	n-Butylbenzene		ND	0.200	n							
	sec-Butylbenzene		ND	0.200	U							
1	tert-Butylbenzene		ND	0.500	n							
	Carbon disulfide		ND	0.500	H							
	Carbon tetrachloride		ND	0.200	l7							
ì	Chlorobenzene		ND	0.200	n							
1												

North Creek Analytical - Bothell

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Steve Davis, Project Manager

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

ì	-		Reporting		Spike	Source	-	%REC		RPD	·
	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	Batch 0I07026: Prepared 09/07/00	Using EP	A 5030B []	P/T]	-	_					
	Blank (0I07026-BLK1)										
	Chloroethane	ND	1.00	ug/l							-
	Chloroform	ND	0.200	ti							
i	Chloromethane	ND	1.00	Ħ							
	2-Chlorotoluene	ND	0.500	н							•
	4-Chlorotoluene	ND	0.500	II.							
ŀ	Dibromochloromethane	ND	0.200	ii .							
,	1,2-Dibromo-3-chloropropane	ND	0.500	11							
	1,2-Dibromoethane	ND	0.200	11							
	Dibromomethane	ND	0.200	ti							
	1,2-Dichlorobenzene	ND	0.200	11							
	1,3-Dichlorobenzene	ND	0.200	n						•	
	1,4-Dichlorobenzene	ND	0.200	It							
	Dichlorodifluoromethane	ND	0.500	· n							
	1,1-Dichloroethane	ND	0.200	11							
	1,2-Dichloroethane	ND	0.200	11							
	1,1-Dichloroethene	ND	0.200	н							
	cis-1,2-Dichloroethene	ND	0.200	H							
	trans-1,2-Dichloroethene	ND	0.200	If							
	1,2-Dichloropropane	ND	0.200	n							
	1,3-Dichloropropane	ND	0.200	**							
	2,2-Dichloropropane	ND	0.200	Ħ							
1	1,1-Dichloropropene	ND	0.200	Ħ							
	cis-1,3-Dichloropropene	ND	0.200	u							
	trans-1,3-Dichloropropene	ND	0.200	Ħ							
•	Ethylbenzene	ND	0.200	*							
	Hexachlorobutadiene	ND	0.500	#							
	2-Hexanone	ND	2.00	ti							
	Isopropylbenzene	ND	0.500	**							
	p-Isopropyltoluene	ND	0.200	n							
	Methylene chloride	ND	0.500	u							
ı	4-Methyl-2-pentanone	ND	2.00	11							
	Naphthalene	ND	0.500	H							
	n-Propylbenzene	ND	0.500	**							
,	Styrene	ND	0.500	п							

North Creek Analytical - Bothell

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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

··	-		Reporting		Spike	Source	-	%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0107026:	Prepared 09/07/00	Using EP	A 5030B [P/T]	•						
Blank (0107026-B1	LK1)						_	_			
1,1,1,2-Tetrachloroeth	nane	ND	0.200	ug/l							
1,1,2,2-Tetrachloroeth	iane	ND	0.500	17							
Tetrachloroethene		ND	0.200	tf							
Toluene		ND	0.200	it .							
1,2,3-Trichlorobenzer	ie	ND	0.200	tt							
1,2,4-Trichlorobenzer	ie	ND	0.200	11							
1,1,1-Trichloroethane		ND	0.200	π							
1,1,2-Trichloroethane		ND	0.200	tt							
Trichloroethene		ND	0.200	ti .							
Trichlorofluorometha	ne	ND	0.500	11							
1,2,3-Trichloropropan	ie	ND	0.500	17							
1,2,4-Trimethylbenze	ne	ND	0.200	11							
1,3,5-Trimethylbenze	ne	ND	0.500	Ħ							
Vinyl chloride		ND	0.200	а							
m,p-Xylene		ND	0.500	н							
o-Xylene		ND	0.250	Ħ							
Surrogate: 1,2-DCA-a	i4	2.53		"	2.50		101	60-130			
Surrogate: Toluene-de		2.51		"	2.50		100	80-120			
Surrogate: 4-BFB		2.76		"	2.50		110	80-120			
LCS (0107026-BS1)										
Benzene		2.27	0.200	ug/l	2.00		113	80-130			
Chlorobenzene		2.26	0.200	u	2.00		113	80-120		;	
1,1-Dichloroethene		2.16	0.200	u	2.00		108	60-140			
Toluene		2.24	0.200	D	2.00		112	70-130			
Trichloroethene		2.32	0.200	n	2.00		116	70-130			
Surrogate: 1,2-DCA-a	14	2.58		"	2.50		103	60-130			
Surrogate: Toluene-de	8	2.44		"	2.50		97.6	80-120			
Surrogate: 4-BFB		2.62		"	2.50	•	105	80-120			

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**

Page 30 of 32



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

		I	Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0I07026:	Prepared 09/07/00	Using EP	A 5030B [P/T]							
LCS Dup (0107026	-BSD1)										
Benzene		2.04	0.200	ug/l	2.00		102	80-130	10.7	20	
Chlorobenzene		2.11	0.200	u	2.00		105	80-120	6.86	20	
1,1-Dichloroethene		2.04	0.200	п	2.00		102	60-140	5.71	30	
Toluene		2.04	0.200	Ħ	2.00		102	70-130	9.35	20	
Trichloroethene		2.08	0.200	91	2.00		104	70-130	10.9	20	
Surrogate: 1,2-DCA-d	4	2.57		н	2.50		103	60-130			
Surrogate: Toluene-d8	}	2.44		"	2.50		97.6	80-120			
Surrogate: 4-BFB		2.61		"	2.50		104	80-120			

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927-9092-189

Reported:

Seattle WA, 98121

Project Manager: David Raubvogel

09/11/00 15:10

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

North Creek Analytical - Bothell



11720 From Creek Franky N, Sune 400, Bomen, v/A 98011-0223 East 11115 Montgomery, Suite B, Spokane, WA 98206-4776

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(509) 924-9200 FAX

00 FAX 924-9290

(503) 906-9200 FAX 906-9210 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: \$010024

•															/ 1 -		<u> </u>	
CLIENT: URS DAMES A	MOORE	,				MVO	ICÉ TO							TU			EQUEST in Busin	ess Days*
REPORT TO: DAVID RAVE ADDRESS: 2005 PST A TAX: STATTE, WA THONE: (206) 727-335	WOSEL	- CURSTRAMES	SLM	OORE)	سب										\neg	⊸ ~	Inorganic Analyses	
ADDRESS: 2025 15 A	VENUE,	Suite 500												46			4 3 2	1 <1
FAX: SOATTLE, WA	7812/	PH: LAC	6)7	78-076	:14	20.1								STD.	5 Peti	▝	Hydrocarbon Analyses 2 1	<1
PROJECT NAME: / AVE TO	O TAR	EAX.	1] P.O. N	UMBE RE(ED AN	ALYSES				 '	STD.			
PROJECT NAME: LAKE FOR PROJECT NUMBER: 2817/	-927-9	1092-189		2				Ì						<u> </u>	0'	THER	Please Specify	:
SAMPLED BY: KAREN H			3762											*Tur	naround Requ	ests less	than standard may incur R	tush Charges.
CLIENT SAMPLE		SAMPLING	000 °								ŀ		+	MATRIX	# 0	F		NCAWG
IDENTIFICATION	Г	DATE/TIME	\$ \$	שבניף נולינים משביף נולינים			İ				ļ		1 1	(iv) s, o	CON	T.	COMMENTS	IĎ
1. FPC-2	8/31/8	火 11:15	X											W	2			<u> </u>
2 FPC-SD		12:20	Х												3			O.
3. FR-858S		1350	X				ļ								3			03.
4. FPC-9D		1435	X											1+	3		· ··· · · · · · · · · · · · · · · · ·	104
5. FPC-9S	1	1515	X												3			05
6. FAC-LOD	9/1/2	K 1345	X												3			OU
7. FPC-105	1	1447	X						,						3			07
8. FPC-7		<i>15</i> 55	X												3			08
9. FPC-5		1650	×												3			09
10. FPC-4		1735	X												3			lo
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ADDITIONAL REMARKS:	11. 11. (<u> </u>		I		<u>.</u>	<u> </u>	·•		<u> </u>		TEMP:	
CUC BEA 3/66																ωĮ.	ا هراه ا	PAGE OF



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		eporting	** *.						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
FPC-1 (B0I0024-11) Water	Sampled: 09/01/00 18:37	Received	1: 09/02/00	09:00	-				
Ethylbenzene	ND	0.200	ug/l	ī	0106047	09/06/00	09/06/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	н	н	H	Ħ	н	•	
2-Hexanone	ND	2.00	**	н	*	Ħ	n	Ħ	
Isopropylbenzene	ND	0.500	**	87	er	н	Ħ	**	
p-Isopropyltoluene	ND	0.200	**	**	**	n	er	н	
Methylene chloride	ND	0.500	н	n	"	"	n	11	
4-Methyl-2-pentanone	ND	2.00	n	11	**	Ħ	n	ti	
Naphthalene	ND	0.500	ti .	**	#	#	н	н	
n-Propylbenzene	ND	0.500	"	17	**		**	10	
Styrene	ND	0.500	н	Ħ	P	н	11	**	
1,1,1,2-Tetrachloroethane	ND	0.200	**	Ħ	•	17	"	n	
1,1,2,2-Tetrachloroethane	ND	0.500	п	Ħ	11	11	n	n	
Fetrachloroethene	ND	0.200	11	er	н	н	н	#	
Toluene ·	ND	0.200	Ħ	tt	n	н	**	#1-	
1,2,3-Trichlorobenzene	ND	0.200	#	n	•	н	47	tt t	
1,2,4-Trichlorobenzene	ND	0.200	"	n	n	н	n	н	
1,1,1-Trichloroethane	ND	0.200	н	*	**	er .	и	ŧŧ	
1,1,2-Trichloroethane	ND	0.200	н	•	**	**	и .	н	
Trichloroethene	ND	0.200	11	**	н	н	17	e .	
Frichlorofluoromethane	ND	0.500	Ħ	n	n	n	er	#	
1,2,3-Trichloropropane	ND	0.500	**	ıı	н	u	et	н	
1,2,4-Trimethylbenzene	ND	0.200	tt	II	н	Ħ	н .	n	
1,3,5-Trimethylbenzene	ND	0.500	н	n	**	**	п	n	
Vinyl chloride	ND	0.200	Ħ	**	•	Ħ	n		
m,p-Xylene	ND	0.500	•	W	н	ti	17	w	
o-Xylene	ND	0.250	•	n	u ,	Ħ	Ħ	Ħ	
Surrogate: 1,2-DCA-d4	97.6% 6	0-130			"	"	"	"	
Surrogate: Toluene-d8	98.4 % 8	0-120			rt .	"	n	#	
Surrogate: 4-BFB	102 % 8	0-120			**	"	"	"	

North Creek Analytical - Bothell

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Steve Davis, Project Manager



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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-3 (B0I0024-12) Water	Sampled: 09/01/00 19:30	Received	1: 09/02/00	09:00		<u></u>			
Acetone	ND	5.00	ug/i	1	0107026	09/07/00	09/07/00	EPA 8260B	
Benzene	· ND	0.200	иду.	н .	#	0 <i>21</i> 01700	09/07/00	ELA 6200D	
Bromobenzene	ND	0.500		н	#	n	н	Ħ	
Bromochloromethane	ND	0.200	tt	ti	н	n	n	#	
Bromodichloromethane	ND	0.200	"	#	н	n	**	n	
Bromoform	ND	0.200	п	а	#1	u	n	ď	
Bromomethane	ND	1.00	n	п		**	n	n	
2-Butanone	ND	2.00	19	# ***	m	n	n	Ħ	
n-Butylbenzene	ND	0.200	"	я	н	n	**	**	
sec-Butylbenzene	ND	0.200		п	n	n	**	u	
tert-Butylbenzene	ND	0.500	**	п	11		11	n	
Carbon disulfide	ND	0.500	н	п	11	11	n	11	
Carbon tetrachloride	ND	0.200	u		•	n	Ħ	tt	
Chlorobenzene	ND	0.200	н	Ħ	*1	n	**	н	
Chloroethane	ND	1.00	*	Ħ	n	н	w	er	
Chloroform	ND	0.200	"	н	n	H	**	п	
Chloromethane	ND	1.00	n	**	**	14	n	m	
2-Chlorotoluene	ND	0.500	u	n	er .	**	tf	10	
4-Chlorotoluene	ND	0.500	tt.		**	п	ii.	te	
Dibromochloromethane	ND	0.200	at the	n	er	tt	**	**	
1,2-Dibromo-3-chloropropane	ND ND	0.500	17	**	Ħ	n	#	. #	
1,2-Dibromoethane	ND	0.200		**	Ħ	**	н	u	
Dibromomethane	ND	0.200	ts	11	н	Ħ	n	н	
1,2-Dichlorobenzene	ND	0.200	n	n		Ħ		•	
1,3-Dichlorobenzene	ND	0.200	H	n	#	ч	n .	n	
1,4-Dichlorobenzene	ND	0.200	**	n	*		•	**	
Dichlorodifluoromethane	ND	0.500	**	**	н	*	"	п	
1,1-Dichloroethane	ND	0.200	**	-	н	**	**	•	
1,2-Dichloroethane	ND	0.200	n	ч	. "	п	n	#	
1,1-Dichloroethene	ND	0.200	n	Ħ	#	"	п	н	
cis-1,2-Dichloroethene	ND	0.200	н .	ħ	**	n .	u	Ħ	
trans-1,2-Dichloroethene	ND	0.200	Ħ	н	#	Ħ	u	н	
1,2-Dichloropropane	ND	0.200	Ħ	n	#	n	н	н	
1,3-Dichloropropane	ND	0.200	"	**	Ħ	**	er	**	
2,2-Dichloropropane	ND	0.200	**	*	н	Ħ		ŧŧ	
1,1-Dichloropropene	ND	0.200	и		п	Ħ	n'	ŧŧ	
cis-1,3-Dichloropropene	ND	0.200	tt .	**	и	n	п	41	
trans-1,3-Dichloropropene	ND	0.200	tt	q	Ħ	ęı.	ti	11	

North Creek Analytical - Bothell

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Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 24 of 32



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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Reporting	** *.	D " .:	· ·				
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-3 (B0I0024-12) Water	Sampled: 09/01/00 19:30	Receive	d: 09/02/00	09:00					-
Ethylbenzene	ND	0.200	ug/i	1	0107026	09/07/00	09/07/00	EPA 8260B	-
Hexachlorobutadiene	ND	0.500	11	н	ŧ	er	e	•	
2-Hexanone	ND	2.00	n	н	n	ŧr	п	ч	
Isopropylbenzene	ND	0.500	n	н	н	п	Ħ	**	
p-Isopropyltoluene	, ND	0.200	**	Ħ	Ħ	ıı	n	Ħ	
Methylene chloride	ND	0.500	41	п	H	11	n	n	
4-Methyl-2-pentanone	ND	2.00	**	н	•	11	**		
Naphthalene	ND	0.500	**	n	.**		**	н	
n-Propylbenzene	ND	0.500	Ħ	H	Ħ	н	•	Ħ	
Styrene	ND	0.500	n	11	н	н	Ħ	я	
1,1,1,2-Tetrachloroethane	ND	0.200	11	14	a	H	n	#	
1,1,2,2-Tetrachioroethane	ND	0.500	"	H	n	n	п	91	
Tetrachloroethene	ND	0.200	n	11	H	"	n	п	
Toluene	ND	0.200	17	Ħ	и	11	n	н	
1,2,3-Trichlorobenzene	ND	0.200	e 7	п	**	**	**	n	
1,2,4-Trichlorobenzene	ND	0.200	Ħ	Ħ	#	.00	**	n	
1,1,1-Trichloroethane	ND	0.200	tt	n	**	n	n	n	
1,1,2-Trichloroethane	ND	0.200	u	Ħ	n	tt	n	**	
Trichloroethene	ND	0.200	u	Ħ	e	н	n	**	
Trichlorofluoromethane	ND	0.500	и	**	*1	l1	u	**	
1,2,3-Trichloropropane	ND	0.500	14	п	H	u	u	•	
1,2,4-Trimethylbenzene	ND	0.200	t†	#	н	11	н	Ħ	
1,3,5-Trimethylbenzene	ND	0.500	**	Ħ	n	19	14	Ħ	
Vinyl chloride	0.294	0.200	н	**	n	**	n	Ħ	
m,p-Xylene	ND	0.500	н	*	п	37	11	н	
o-Xylene	ND	0.250	41	п	n	n	Ħ	Ħ	
Surrogate: 1,2-DCA-d4	100 %	0-130			"	"	Ħ	.,	
Surrogate: Toluene-d8	99.2 %	80-120			"	"	"	"	
Surrogate: 4-BFB	110%	80-120			"	"	"	er e	

North Creek Analytical - Bothell

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North Creek Analytical, Inc. **Environmental Laboratory Network** Page 25 of 32



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported:

09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Nota-
<u> </u>	 -			Tevel	Kesuit	70KEC			Limit	Notes
Batch 0I06047: Prepared 09/06	/00 Using H	EPA 5030B	P/T]							
Blank (0106047-BLK1)										
Acetone	ND	5.00	ug/l						-	
Benzene	ND	0.200	α							
Bromobenzene	ND	0.500	**							
Bromochloromethane	ND	0.200	п							
Bromodichloromethane	ND	0.200	п							
Bromoform	ND	0.200	п							
Bromomethane	ND	1.00	11							
2-Butanone	ND	2.00	17							
n-Butylbenzene	ND	0.200	n							
sec-Butylbenzene	ND	0.200	n							
tert-Butylbenzene	ND	0.500	н							
Carbon disulfide	ND	0.500	"							
Carbon tetrachloride	ND	0.200	n							
Chlorobenzene	ND	0.200	n							
Chloroethane	ND	1.00	п							
Chloroform	ND	0.200	11							
Chloromethane	ND	1.00	n							
2-Chlorotoluene	ND	0.500	u							
4-Chlorotoluene	ND	0.500	n							
Dibromochloromethane	ND	0.200	rt							
1,2-Dibromo-3-chloropropane	ND	0.500	**							
1,2-Dibromoethane	ND	0.200	н							
Dibromomethane	ND	0.200	*							
1,2-Dichlorobenzene	ND	0.200	ti.							
1,3-Dichlorobenzene	ND	0.200	11							
I,4-Dichlorobenzene	ND	0.200	t#							
Dichlorodifluoromethane	ND	0.500	n							
1,1-Dichloroethane	ND	0.200	н							
1,2-Dichloroethane	ND	0.200	10							
1,1-Dichloroethene	ND	0.200	•							
cis-1,2-Dichloroethene	ND	0.200	11							
trans-1,2-Dichloroethene	ND	0.200	17							
1,2-Dichloropropane	ND	0.200	11							
1,3-Dichloropropane	ND	0.200	•							

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 26 of 32



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%REC

541.383.9310 fax 541.382.7588

Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Spike

Source

Project Number: 28171-927-9092-189

Project Manager: David Raubvogel

Reported: 09/11/00 15:10

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Reporting

		Reporting		Spike	Source		70KEC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0106047: Prepared 09/06/00	Using E	PA 5030B [P/T]							
Blank (0106047-BLK1)										
2,2-Dichloropropane	ND	0.200	ug/l		_		_			
1,1-Dichloropropene	ND	0.200	m							
cis-1,3-Dichloropropene	ND	0.200	**							
trans-1,3-Dichloropropene	ND	0.200	a	•						
Ethylbenzene	ND	0.200	ti							
Hexachlorobutadiene	ND	0.500	н							
2-Hexanone	ND	2.00	n							
Isopropylbenzene	ИĎ	0.500	п							
p-Isopropyltoluene	ND	0.200	11							
Methylene chloride	ND	0.500	н							
4-Methyl-2-pentanone	ND	2.00	н							
Naphthalene	ND	0.500	**							
n-Propylbenzene	ND	0.500	17							
Styrene	ND	0.500	Ħ							
1,1,1,2-Tetrachloroethane	ND	0.200	**							
1,1,2,2-Tetrachloroethane	ND	0.500	**							
Tetrachloroethene	ND	0.200	"							
Toluene	ND	0.200	**							
1,2,3-Trichlorobenzene	ND	0.200	**							
1,2,4-Trichlorobenzene	ND	0.200	"							
1,1,1-Trichloroethane	ND	0.200	п							
1,1,2-Trichloroethane	ND	0.200	**							
Trichloroethene	ND	0.200	н							
Trichlorofluoromethane	ND	0.500	н							•
1,2,3-Trichloropropane	ND	0.500	**							
1,2,4-Trimethylbenzene	ND	0.200	tf							
1,3,5-Trimethylbenzene	ND	0.500	#							
Vinyl chloride	ND	0.200	81							
m,p-Xylene	ND	0.500	и							
o-Xylene	ND	0.250	tt							
Surrogate: 1,2-DCA-d4	2.43		"	2.50	-	97.2	60-130			
Surrogate: Toluene-d8	2.45		"	2.50		98.0	80-120			•
Surrogate: 4-BFB	2.75		"	2.50		110	80-120			

North Creek Analytical - Bothell



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541.383.9310 fax 541.382.7588

Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control

North Creek Analytical - Bothell

1		•	Reporting		Spike	Source		%REC	r	RPD	
ļ	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	Batch 0I06047: Prepared 09/06/00	Using El	PA 5030B [1	P/T]							
	LCS (0I06047-BS1)										
	Benzene	1.99	0.200	ug/l	2.00		99.5	80-130			
7	Chlorobenzene	2.00	0.200	**	2.00		100	80-120			
1	1,1-Dichloroethene	2.30	0.200	**	2.00		115	60-140			
	Toluene	2.00	0.200	**	2.00		100	70-130			
ì	Trichloroethene	2.01	0.200	н	2.00		100	70-130			
	Surrogate: 1,2-DCA-d4	2.53		**	2.50		101	60-130		-	
	Surrogate: Toluene-d8	2.53		**	2.50		101	80-120			
¥	Surrogate: 4-BFB	2.67		"	2.50		107	80-120			
	LCS Dup (0106047-BSD1)										
,	Benzene	2.04	0.200	ug/l	2.00		102	80-130	2.48	20	_
	Chlorobenzene	2.03	0.200	11	2.00		101	80-120	1.49	20	
[1,1-Dichloroethene	2.31	0.200	tt	2.00		115	60-140	0.434	30	
-	Toluene	2.01	0.200	п	2.00		100	70-130	0.499	20	
è	Trichloroethene	2.05	0.200	*1	2.00		102	70-130	1.97	20	
ı	Surrogate: 1,2-DCA-d4	2.54		"	2.50		102	60-130	-		
į	Surrogate: Toluene-d8	2.48		"	2.50		99.2	80-120			
	Surrogate: 4-BFB	2.46		"	2.50		98.4	80-120			
	Batch 0I07026: Prepared 09/07/00	Using EF	PA 5030B [I	P/T]							
	Blank (0I07026-BLK1)										
	Acetone	ND	5.00	ug/l							
:	Benzene	ND	0.200	11							
	Bromobenzene	ND	0.500	tt							
ı	Bromochloromethane	ND	0.200	н							
i i	Bromodichloromethane	ND	0.200	Ħ							•
ż	Bromoform	ND	0.200	. н							
,	Bromomethane	ND	1.00	*							
;	2-Butanone	ND	2.00	n					•		
1	n-Butylbenzene	ND	0.200	н							
	sec-Butylbenzene	ND	0.200	tt							
į	tert-Butylbenzene	ND	0.500	n							
}	Carbon disulfide	ND	0.500	n							
	Carbon tetrachloride	ND	0.200	**							
ì	Chlorobenzene	ND	0.200	n						•	
ş											

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 28 of 32



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Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

		I	Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0107026:	Prepared 09/07/00	Using EP.	A 5030B []	P/T]							_
Blank (0107026-BL	K1)										
Chloroethane		ND	1.00	ug/l							<u>-</u>
Chloroform		ND	0.200	**							
Chloromethane		ND	1.00	#							
2-Chlorotoluene		ND	0.500	н							
4-Chlorotoluene		ND	0.500	п							
Dibromochloromethane	:	ND	0.200	н							
1,2-Dibromo-3-chlorop	ropane	ND	0.500	Ħ							
1,2-Dibromoethane		ND	0.200	н							
Dibromomethane		ND	0.200	tf							
1,2-Dichlorobenzene		ND	0.200	**							
1,3-Dichlorobenzene		ND	0.200	Ħ							
1,4-Dichlorobenzene	•	ND	0.200	n							
Dichlorodifluorometha	ne	ND	0.500	а							
1,1-Dichloroethane		ND	0.200	Ħ							
1,2-Dichloroethane		ND	0.200	н							
1,1-Dichloroethene		ND	0.200	n							
cis-1,2-Dichloroethene		ND	0.200	•							
trans-1,2-Dichloroether	ie	ND	0.200	H							
1,2-Dichloropropane		ND	0.200	#							
1,3-Dichloropropane		ND	0.200	п							
2,2-Dichloropropane		ND	0.200	**							
1,1-Dichloropropene		ND	0.200	n							
cis-1,3-Dichloropropen	e	ND	0.200	*							
trans-1,3-Dichloroprop	ene	ND	0.200	11							
Ethylbenzene		ND	0.200	н							
Hexachlorobutadiene		ND .	0.500	n							
2-Hexanone		ND	2.00	п							
Isopropylbenzene		ND	0.500	н							
p-Isopropyltoluene	•	ND	0.200	н							
Methylene chloride		ND	0.500	n							
4-Methyl-2-pentanone		ND	2.00	11							
Naphthalene		ND	0.500	ti							
n-Propylbenzene		ND	0.500	н							
Styrene		ND	0.500	n							

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 29 of 32



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%REC

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

Spike

Source

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927-9092-189

Reported:

Seattle WA, 98121

Project Manager: David Raubvogel

09/11/00 15:10

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Reporting

1			Keporung		Spike	Source		70ICC		KPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0107026: Pi	epared 09/07/00	Using EP	A 5030B []	P/T]							
Blank (0107026-BLK1) .		<u> </u>								•
1,1,1,2-Tetrachloroethane	•	ND	0.200	ug/l	<u> </u>						
1,1,2,2-Tetrachloroethane		NĐ	0.500	n							
Tetrachloroethene		ND	0.200	" .							
Toluene		ND	0.200	u							
1,2,3-Trichlorobenzene		ND	0.200	a							-
1,2,4-Trichlorobenzene	•	ND	0.200	Ħ							
I,1,1-Trichloroethane		ND	0.200								
1,1,2-Trichloroethane		ND	0.200	Ħ							
Trichloroethene		ND	0.200	m							
Trichlorofluoromethane		ND	0.500	Ħ							
1,2,3-Trichloropropane		ND	0.500	et .							
1,2,4-Trimethylbenzene		ND	0.200	п							
1,3,5-Trimethylbenzene		ND	0.500	н							
Vinyl chloride		ND	0.200	n							
m,p-Xylene		ND	0.500	n							
o-Xylene		ND	0.250	н							
Surrogate: 1,2-DCA-d4		2.53		#	2.50		101	60-130			
Surrogate: Toluene-d8		2.51		#	2.50		100	80-120			
Surrogate: 4-BFB		2.76		"	2.50		110	80-120			
LCS (0I07026-BS1)											
Benzene		2.27	0.200	ug/l	2.00		113	80-130		·. ·	
Chlorobenzene		2.26	0.200	#	2.00		113	80-120			
1,1-Dichloroethene		2.16	0.200	q	2.00		108	60-140			
Toluene	-	2.24	0.200	Ħ	2.00		112	70-130			
Trichloroethene		2.32	0.200	H	2.00		116	70-130			
Surrogate: 1,2-DCA-d4		2.58		"	2.50		103	60-130			
Surrogate: Toluene-d8		2.44		"	2.50		97.6	80-120			
Surrogate: 4-BFB		2.62		"	2.50		105	80-120			

North Creek Analytical - Bothell

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Steve Davis, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 30 of 32



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189

Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Volatile Organic Compounds by EPA Method 8260B - Quality Control

North Creek Analytical - Bothell

1			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0I07026:	Prepared 09/07/00	Using EP	A 5030B [P/T]					_		-
LCS Dup (0107026	-BSD1)	 -							_		
Benzene		2.04	0.200	ug/l	2.00		102	80-130	10.7	20	
Chlorobenzene		2.11	0.200	н	2.00		105	80-120	6.86	20	
1,1-Dichloroethene		2.04	0.200	**	2.00		102	60-140	5.71	30	
Toluene		2.04	0.200	If	2.00		102	70-130	9.35	20	
Trichloroethene		2.08	0.200	Ħ	2.00		104	70-130	10.9	20	
Surrogate: 1,2-DCA-d	14	2.57		н	2.50		103	60-130			
Surrogate: Toluene-d8	3	2.44		"	2.50		97.6	80-120			
Surrogate: 4-BFB		2.6I		"	2.50		104	80-120			

North Creek Analytical - Bothell





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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927-9092-189 Project Manager: David Raubvogel

Reported: 09/11/00 15:10

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

North Creek Analytical - Bothell



1172كـــــــــــ Cres East 11115 Montgomery, Suite B, Spokane, WA 98206-4776 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

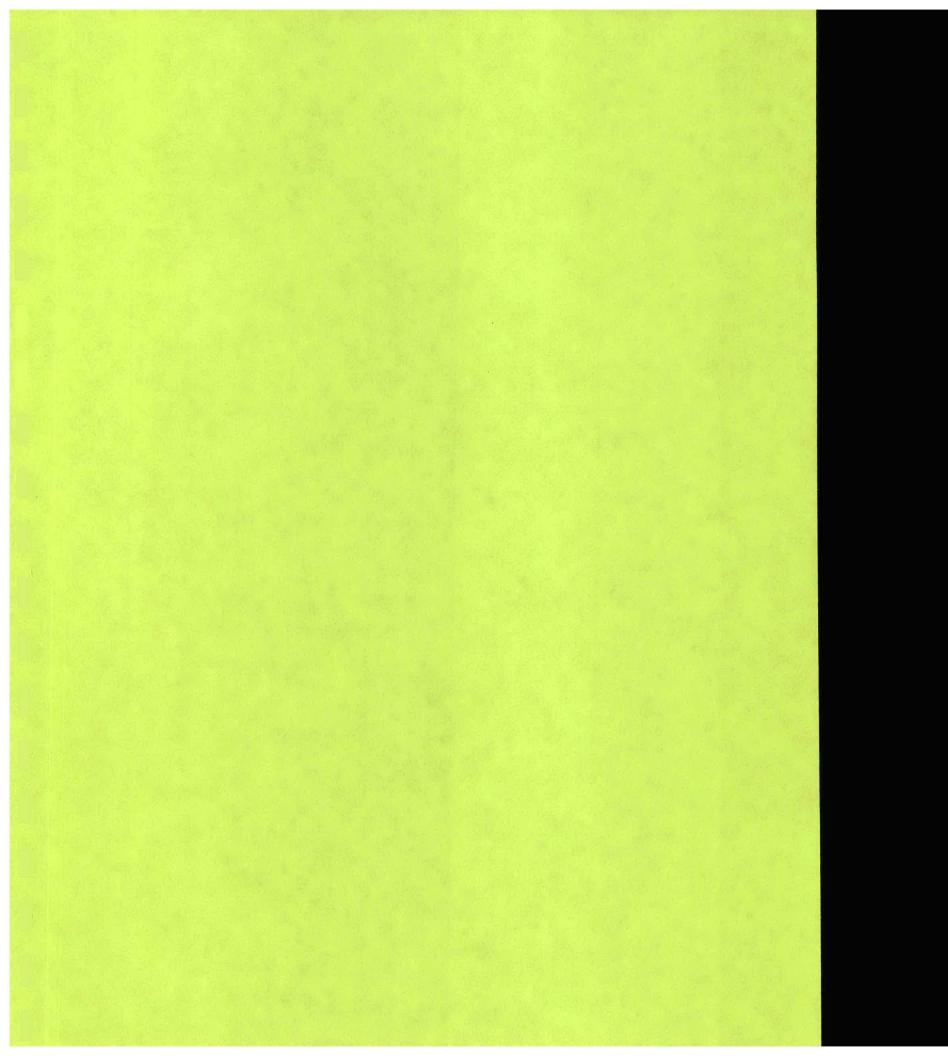
ا معمده 420 وعد : --(509) 924-9200

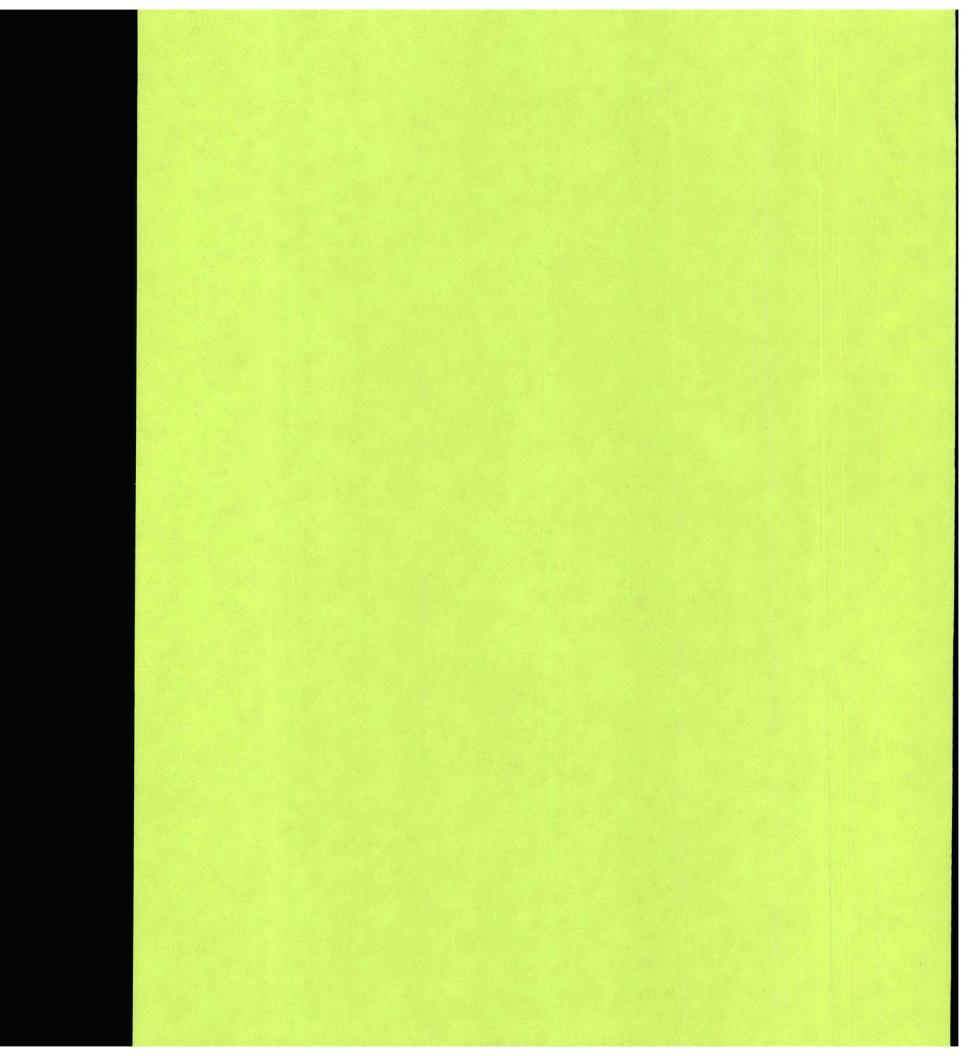
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(503) 906-9200

FAX 906-9210 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

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REPORT TO: DAVID RAUKS ADDRESS: JCO5 151 AV EATTLE, WA PHONE: JOG: 727-3350 PROJECT NUMBER: JOI'71-	7813 2	7/ 	ELX.CH	6)7	78-01	repl	P.O. N	UMBE						· · · · · · · · · · · · · · · · · · ·		STD.		m Hydrocarbon Anal	lyses < 1] :
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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FPC-2	B0L0042-01	Water	11/30/00 15:40	12/01/00 17:22
FPC-8D	B0L0042-02	Water	11/30/00 16:30	12/01/00 17:22
FPC-8S	B0L0042-03	Water	11/30/00 17:12	12/01/00 17:22
FPC-9D	B0L0042-04	Water	11/30/00 18:00	12/01/00 17:22
FPC-9S	B0L0042-05	Water	11/30/00 18:51	12/01/00 17:22
FPC-1	B0L0042-06	Water	12/01/00 10:20	12/01/00 17:22
FPC-10S	B0L0042-07	Water	12/01/00 11:25	12/01/00 17:22
FPC-10D	B0L0042-08	Water	12/01/00 12:11	12/01/00 17:22
FPC-5	B0L0042-09	Water	12/01/00 13:05	12/01/00 17:22
FPC-7	B0L0042-10	Water	12/01/00 14:22	12/01/00 17:22
FPC-4	B0L0042-11	Water	12/01/00 15:27	12/01/00 17:22
FPC-3	B0L0042-12	Water	12/01/00 16:04	12/01/00 17:22

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927

Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

1		Re	porting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-2 (B0L0042-01) Water	Sampled: 11/30/00 15:40	Receive	d: 12/01/00	17:22					
	Acetone	ND	5.00	ug/l	1	0L14020	12/14/00	12/14/00	EPA 8260B	
	Benzene	ND	0.200	u	Ħ	"	н	ti	11	
	Bromobenzene	ND	0.500	11	n	**	"	н	#1	
	Bromochloromethane	ND	0.200	u	11	**	ŧ	"	**	
	Bromodichloromethane	ND	0.200	**	**	**	n	••	#	
	Bromoform	ND	0.200	tt	11	tt	17	"	Ħ	
	Bromomethane	ND	1.00	**	H	u	н	n	n	
	2-Butanone	ND	2.00		H	н	**	"	tt	
	n-Butylbenzene	ND	0.200	**	u	п	Ħ	11	it .	
	sec-Butylbenzene	ND	0.200	u	11	**	"	11	11	
	tert-Butylbenzene	ND	0.500	**	11	17	11	**	"	
	Carbon disulfide	ND	0.500	17	11	**	11	47	"	
	Carbon tetrachloride	ND	0.200	11	**	**	11	**	n	
	Chlorobenzene	ND	0.200	ti	**	O	n	t9	n	
	Chloroethane	ND	1.00	**	ii.	17	77	t t	n	
	Chloroform	ND	0.200	**	**	п	11	н	H	
	Chloromethane	ND	1.00	**	н	**	**		ıı	
	2-Chlorotoluene	ND	0.500	17	n	Ħ	**	11	н	
	4-Chlorotoluene	ND	0.500	н	H	н	Ħ	11	н	
	Dibromochloromethane	ND	0.200	Ħ	11	н	н	#	11	
	1,2-Dibromo-3-chloropropane	ND	0.500	н	"	11	H	• н	II .	
	1,2-Dibromoethane	ND	0.200	"	17	"	11	н	*1	
	Dibromomethane	ND	0.200	11	**	**		tt	n	
	1,2-Dichlorobenzene	ND	0.200	"	**	"	11	**	"	
	1,3-Dichlorobenzene	ND	0.200	"	н	**	11	44	**	
	1,4-Dichlorobenzene	ND	0.200	**	ч	tt	**	**	**	
	Dichlorodifluoromethane	ND	0.500	17	u	11	**	n	**	
	1,1-Dichloroethane	ND	0.200	**	н	*	**	"	**	
	1,2-Dichloroethane	ND	0.200	"	**	н	***	н	11	
	1,1-Dichloroethene	ND	0.200	"	II	н	Í1	н	н	
	cis-1,2-Dichloroethene	0.812	0.200	u	11	H	tt		¥f	
	trans-1,2-Dichloroethene	ND	0.200	H	17	II .	tt	**	11	
	1,2-Dichloropropane	ND	0.200	н	**	n	II	11	11	
	1,3-Dichloropropane	ND	0.200	#	17	11	**	tt	" .	
	2,2-Dichloropropane	ND	0.200	"	tr	**	н	n	"	
	1,1-Dichloropropene	ND	0.200	"	**	**	**	**	"	
	cis-1,3-Dichloropropene	ND	0.200	11	н	•	tr	н	**	
	trans-1,3-Dichloropropene	ND	0.200	ti	н	**	**	Ħ	**	

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**

Page 2 of 34



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-2 (B0L0042-01) Water								· · · · · · · · · · · · · · · · · · ·	
Ethylbenzene	ND	0.200	ug/l	1	0L14020	12/14/00	12/14/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	"	"	11	"	"	"	
2-Hexanone	ND	2.00	n	"		**	n	11	
Isopropylbenzene	ND	0.500		**	**	••	п	17	
p-Isopropyltoluene	ND	0.200	,,	**	*1	н	11	11	
Methylene chloride	ND	5.00	17	**	11	11	11	11	
4-Methyl-2-pentanone	ND	2.00	**	U	**	•	"	11	•
Naphthalene	ND	0.500	n .	11	17	11	r	**	
n-Propylbenzene	ND	0.500	н	11	11	*1	**	**	
Styrene	ND	0.500	н	**	н	n	10	**	
1,1,1,2-Tetrachloroethane	ND	0.200	**	11	U	**	. "	tt .	
1,1,2,2-Tetrachloroethane	ND	0.500	"	**	**	н	n	tt	
Tetrachloroethene	· ND	0.200	"	**	**	и	u .	ıı .	
Toluene	ND	0.200	"	II .	Ħ	II.	**	n	
1,2,3-Trichlorobenzene	ND	0.200	**	н	11	п	**	II .	
1,2,4-Trichlorobenzene	ND	0.200	u .	II .	•	**	**	**	
1,1,1-Trichloroethane	ND	0.200	II	**	n	n	"	**	
1,1,2-Trichloroethane	ND	0.200	11	#	H	tr	"	**	
Trichloroethene	ND	0.200	II.	11	н	17	и	er .	
Trichlorofluoromethane	ND	0.500	17	Ħ	U	***		I t	
1,2,3-Trichloropropane	ND	0.500	**	н	**	"	11	TT .	
1,2,4-Trimethylbenzene	ND	0.200	***	11	**			n	
1,3,5-Trimethylbenzene	ND	0.500	e	н	O		"	11	
Vinyl chloride	ND	0.200	11	**	**	н	**	•	
m,p-Xylene	ND	0.500	n	tr .	**	**	**	n	
o-Xylene	ND	0.250	II	Ħ	**	**	Ħ	11	
Surrogate: 1,2-DCA-d4	99.0 % 60	0-130			. "	"	"	"	
Surrogate: Toluene-d8	101 % 80	7-120			"	"	"	"	
Surrogate: 4-BFB	97.5 % 80	7-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8D (B0L0042-02) Water	Sampled: 11/30/00			00 17:22					
Acetone	ND	5.00	ug/l	1	0L14020	12/14/00	12/14/00	EPA 8260B	
Benzene	ND	0.200	11	**	11	71	U	H	
Bromobenzene	ND	0.500	11	tt	17	11	II .	H	
Bromochloromethane	ND	° 0.200	11	Ħ	**	**	11	11	
Bromodichloromethane	ND	0.200	11	**	**	•	н	u	
Bromoform	ND	0.200	**	11	17	**	U	tt	
Bromomethane	ND	1.00	*1	tt	**	tt	п	н	
2-Butanone	ND	2.00	**	ti	e	17	п	11	
n-Butylbenzene	ND	0.200	**	n	**	11	**	H	
sec-Butylbenzene	ND	0.200	**	u	11	"	н	11	
tert-Butylbenzene	ND	0.500	11	"	"	tf	' н	н	
Carbon disulfide	ND	0.500	17	11	**	17	**	**	
Carbon tetrachloride	ND	0.200	**	11	**	11	**	11	
Chlorobenzene	ND	0.200	11	11	**	**	**	•	
Chloroethane	ND	1.00	tt	Ħ	**	**	"	"	
Chloroform	ND	0.200	**	n	**	"	**	**	
Chloromethane	ND	1.00	**	11	**	**	n	†1	
2-Chlorotoluene	ND	0.500	**	n	**	Ħ	**	n .	
4-Chlorotoluene	ND	0.500	**	"	**	11	**	ti	
Dibromochloromethane	ND	0.200	17	**	17	lt .	**	**	
1,2-Dibromo-3-chloropropane	ND	0.500	tt	"	Ħ	tt	ŧŧ	**	
1,2-Dibromoethane	ND	0.200	"	n	tr	ur .	17	**	
Dibromomethane	ND	0.200	11	"	"	Ħ	**	•	
1,2-Dichlorobenzene	ND	0.200	"	11	**	Ħ	**	**	
1,3-Dichlorobenzene	ND	0.200	"	**	**	Ħ	**	"	
1,4-Dichlorobenzene	ND	0.200	11	n	11	**	**	n	
Dichlorodifluoromethane	ND	0.500	tt	**	**	**	**	**	
1,1-Dichloroethane	ND	0.200	**	11	**	*	**	. "	
1,2-Dichloroethane	ND	0.200	**	и	**	Ħ	**	н	
1,1-Dichloroethene	ND	0.200	**	H	**	11	11	11	
cis-1,2-Dichloroethene	ND	0.200	**	н	**	"	н	H	
trans-1,2-Dichloroethene	ND	0.200	"	Ħ	**	ŧI	"	п	
1,2-Dichloropropane	ND	0.200	17	11	**	ti	n	11	
1,3-Dichloropropane	ND	0.200	n	Ħ	**	11	n	11	
2,2-Dichloropropane	ND	0.200	tr	11	**	ır	**	н	
1,1-Dichloropropene	ND	0.200	17	н	11	H	**	**	
cis-1,3-Dichloropropene	ND	0.200	m	11	**	11	**	11	
trans-1,3-Dichloropropene	ND	0.200	71	Ħ	**	н	n	**	
, , ,									

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Scott A. Woerman, Project Manager



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8D (B0L0042-02) Water	Sampled: 11/30/00 1	16:30 Receiv	yed: 12/01	/00 17:22			<u>-</u>		
Ethylbenzene	ND	0.200	ug/l	1	0L14020	12/14/00	12/14/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	"	#	11	11	er	п	
2-Hexanone	ND	2.00	ti	77	u	11	Ħ	n	
Isopropylbenzene	ND	0.500		11	11	u	11	Ħ	
p-Isopropyltoluene	ND	0.200	н	Ħ	н	u	н	II	
Methylene chloride	ND	5.00		**		e 7	, "	11	
4-Methyl-2-pentanone	ND	2.00	н	**	н	te	H	н	
Naphthalene	ND	0.500	"	#	"	te	h	11	
n-Propylbenzene	ND	0.500	н	**	II .	н	u	11	
Styrene	ND	0.500	**	11	11	tt.	U	11	
1,1,1,2-Tetrachloroethane	ND	0.200	11	**	u	н	Ħ	11	
1,1,2,2-Tetrachloroethane	ND	0.500	11	u	71	tt	n	**	
Tetrachloroethene	ND	0.200	17	п	n	m .	u	**	
Toluene	ND	0.200	17	n	"	u	п	**	
1,2,3-Trichlorobenzene	ND	0.200	п	н	**	11	u	11	
1,2,4-Trichlorobenzene	ND	0.200	**	#	*1	"	u .	tt	
1,1,1-Trichloroethane	ND	0.200	11	11	**	"	**	**	
1,1,2-Trichloroethane	ND	0.200	17	Ħ	**	**	Ħ	tt	
Trichloroethene	ND	0.200	17	h	**	н	**	n	
Trichlorofluoromethane	ND	0.500	11	**	**	**	**	tt	
1,2,3-Trichloropropane	ND	0.500	**	11	**	17	**	11	
1,2,4-Trimethylbenzene	ND	0.200	11	n	**	н	**	11	
1,3,5-Trimethylbenzene	ND	0.500	**	**	e 7	н	er	**	
Vinyl chloride	ND	0.200	**	11	**	n	**	w	
m,p-Xylene	ND	0.500	,,	11	**	n	17	**	
o-Xylene	ND	0.250	11	11	77	11	Ħ	н	
Surrogate: 1,2-DCA-d4	101 %	60-130			"	"	"	"	
Surrogate: Toluene-d8	97.5 %	80-120			"	"	"	"	
Surrogate: 4-BFB	100 %	80-120			"	"	"	"	

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte Result Limit Units Dilution Batch Prepared Analyzed Method No		Γ				Reporting							
Acetone 113 5.00 ug/l 1 0L14020 12/14/00 12/15/00 EPA 8260B A Benzene ND 0.200 " " " 12/14/00 " " 12/14/00 " <td< th=""><th>Analyte</th><th>F</th><th>Analyt</th><th>e</th><th>Result</th><th></th><th>Units</th><th>Dilution</th><th>Batch</th><th>Prepared</th><th>Analyzed</th><th>Method</th><th>Notes</th></td<>	Analyte	F	Analyt	e	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene ND 0.200 " " " 12/14/00 " Bromobenzene ND 0.500 " " " " " " " " "	PC-8S (B0L0042-03) Water	F	FPC-8	S (B0L0042-03) Water	Sampled: 11/30/00	17:12 Receiv	ed: 12/01/	00 17:22					
Benzene ND 0.200 " " " 12/14/00 " Bromobenzene ND 0.500 " " " " " " " " "	Acetone	A	Aceton	e	113	5.00	ug/l	1	0L14020	12/14/00	12/15/00	EPA 8260B	A-01
Bromochloromethane	Benzene	В	Benzen	e	ND	0.200		tt	Ħ	11	12/14/00	**	
Bromodichloromethane	Promobenzene	В	Bromol	oenzene	ND	0.500	u	n	n	H	u	п	
Bromoform ND 0.200 "	3romochloromethane	В	Bromod	chloromethane	ND	0.200	n	**	U	n	**	11	
Bromomethane ND 1.00 " " " " " "	3romodichloromethane	В	Bromod	lichloromethane	ND	0.200	n	11	n	***	n	**	
	3romoform	B	Bromof	corm .	ND	0.200	H	tt	n	n	tt	**	
2-Butanone 49.4 2.00 " " " 12/15/00 " A	3romomethane	B	Bromor	nethane	ND	1.00	**	n		**	n	et	
	-Butanone	2-	2-Buta	none	49.4	2.00	ti	"	п	**	12/15/00	п	A-01
n-Butylbenzene ND 0.200 " " " 12/14/00 "	-Butylbenzene	n-	n-Butyl	benzene	ND	0.200	n	***	•1	**	12/14/00	n	
sec-Butylbenzene ND 0.200 " " " " " "	ec-Butylbenzene	se	sec-But	ylbenzene	ND	0.200	11	17	n	н	**	11	
tert-Butylbenzene ND 0.500 " " " " " "	ert-Butylbenzene	te	tert-But	ylbenzene	ND	0.500	**	n	11	n	tt	**	
Carbon disulfide ND 0.500 " " " " " "	Carbon disulfide	C	Carbon	disulfide	ND	0,500	**	11	н	n	н	If	
Carbon tetrachloride ND 0.200 " " " " " " "	arbon tetrachloride	C	Carbon	tetrachloride	ND	0.200	н	"	Ħ	**	н	н	
Chlorobenzene ND 0.200 " " " " " "	Chlorobenzene	C	Chlorob	enzene	ND	0.200	u	Ħ	n	11	11	н	
Chloroethane ND 1.00 " " " " " "	Chloroethane	C	Chloroe	thane	ND	1.00	**	N	11	u	**	"	•
Chloroform ND 0.200 " " " " " "	hloroform	C	Chlorof	отп	ND	0.200	tr	н	**	n	н	**	
Chloromethane ND 1.00 " " " " " "	hloromethane	C	Chloror	nethane	ND	1.00	"	n	n	11	н	**	
2-Chlorotoluene ND 0.500 " " " " " "	-Chlorotoluene	2-	2-Chlor	otoluene	ND	0.500	11	n	n	17	н	11	
4-Chlorotoluene ND 0.500 " " " " " "	-Chlorotoluene	4-	4-Chlor	otoluene	ND	0.500	17	17	n	**	#	"	
Dibromochloromethane .ND 0.200 " " " " " "	obromochloromethane	D	Dibrom	ochloromethane	.ND	0.200	**	Ħ	m	ŧı	n	**	
1,2-Dibromo-3-chloropropane ND 0.500 " " " " " " "	,2-Dibromo-3-chloropropane	1,	1,2-Dib	romo-3-chloropropane	ND	0.500	17	11	n	п	11	11	
1,2-Dibromoethane ND 0.200 " " " " " "	,2-Dibromoethane	1,	1,2-Dib	romoethane	ND	0.200	п	н	11	ti	н	**	
Dibromomethane ND 0.200 " " " " " "	ibromomethane	D	Dibrom	omethane	ND	0.200	ш	17	11	77	н	rt .	
, 1,2-Dichlorobenzene ND 0.200 " " " " " " "	,2-Dichlorobenzene	1,	1,2-Dic	hlorobenzene	ND	0.200	11	**	11	**	**	"	
1,3-Dichlorobenzene ND 0.200 " " " " " "	,3-Dichlorobenzene	1,	1,3-Dic	hlorobenzene	ND	0.200	97	**	77	11	**	11	
1,4-Dichlorobenzene ND 0.200 " " " " " " "	,4-Dichlorobenzene	1,	1,4-Dic	hlorobenzene	ND	0.200	**	n	17	n	**	**	
Dichlorodifluoromethane ND 0.500 " " " " " "	ichlorodifluoromethane	D	Dichlor	odifluoromethane	ND	0.500	11	11	**	и		t)	
1,1-Dichloroethane ND 0.200 " " " " " "	,1-Dichloroethane	1,	1,1-Dic	hloroethane	ND	0.200	U	н	"	#		н	
1,2-Dichloroethane ND 0.200 " " " " " "	,2-Dichloroethane	1,	1,2-Dic	hloroethane	ND	0.200	н	11	н	*1	11	u	
1,1-Dichloroethene ND 0.200 " " " " " "	,1-Dichloroethene	1,	1,1-Dic	hloroethene	ND	0.200	н	**	n	Ti .	**	II .	
cis-1,2-Dichloroethene 1.09 0.200 " " " " " " " "	is-1,2-Dichloroethene	ci:	cis-1,2-	Dichloroethene	1.09	0.200	**	n	**	п	"	u	
trans-1,2-Dichloroethene ND 0.200 " " " " " " "	ans-1,2-Dichloroethene	tra	trans-1,	2-Dichloroethene	ND	0.200	ti	u	Ħ	H	**	11	
1,2-Dichloropropane ND 0.200 " " " " " "	,2-Dichloropropane	1,	1,2-Dic	hloropropane	ND	0.200	н	11	Ħ	11	11	tt	
1,3-Dichloropropane ND 0.200 " " " " " " "	,3-Dichloropropane	1,	1,3-Dic	hloropropane	ND	0.200	ti	**	Ħ	n	11	n	
2,2-Dichloropropane ND 0.200 " " " " " "	,2-Dichloropropane	2,	2,2-Dic	hloropropane	ND	0.200	11	(r	**	н	**	11	
1,1-Dichloropropene ND 0.200 " " " " " "	_ _			- -	ND	0.200	11	**	**	11	**	**	
cis-1,3-Dichloropropene ND 0.200 " " " " " " "	·		-				**	ti .	11		u	•	
trans-1,3-Dichloropropene ND 0.200 " " " " " " "							n	*	н	**	H	? #	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	•	Reporting		· · · · · · · · · · · · · · · · · · ·	-		-	-	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8S (B0L0042-03) Water	Sampled: 11/30/00 1	7:12 Receiv	ed: 12/01/0	00 17:22					
Ethylbenzene	ND	0.200	ug/l	1	0L14020	12/14/00	12/14/00	EPA 8260B	-
Hexachlorobutadiene	ND	0.500	u u	*1	**	**	41	**	
2-Hexanone	2.34	2.00	н	ıı	п	n	n	Ħ	
Isopropylbenzene	ND	0.500	**	II	"	"	**	n	
p-Isopropyltoluene	ND	0.200	**	11	п	, n	**	n	
Methylene chloride	ND	5.00	17	n	н	. 4	*1	u u	
4-Methyl-2-pentanone	2.30	2.00	tt	**	"	*1	11	11	
Naphthalene	ND	0.500	u	п	"	rr rr	h	**	
n-Propylbenzene	ND	0.500	H	п	**	**	**	**	
Styrene	ND	0.500	"	n	tř	Ħ	ŧı	r	
1,1,1,2-Tetrachloroethane	ND	0.200	**	11	п	H	17	п	
1,1,2,2-Tetrachloroethane	ND	0.500	**	H		**	**	n	
Tetrachloroethene	ND	0.200	**	"	n	"	tt	11	
Toluene	0.758	0.200	**	**	11	11	rr	"	
1,2,3-Trichlorobenzene	ND	0.200	п	tr	17	**	ŧi	**	
1,2,4-Trichlorobenzene	ND	0.200	n	III	17	"	ш	**	
1,1,1-Trichloroethane	ND	0.200	"	11	"	**	11	r ·	
1,1,2-Trichloroethane	ND	0.200	**	17	n	tr	**	**	
Trichloroethene	ND	0.200	17	"	11	**	**	II .	
Trichlorofluoromethane	ND	0.500	ŧ	"	Ü	11	**	н	
1,2,3-Trichloropropane	ND	0.500	**	**	11	**	•	11	
1,2,4-Trimethylbenzene	ND	0.200	н	"	11	\$1	п	11	
1,3,5-Trimethylbenzene	ND	0.500	tt	17	11	**	17	**	
Vinyl chloride	ND	0.200	n	tr	*1	**	IP.	63	
m,p-Xylene	ND	0.500	11	п	17	tr	11	11	
o-Xylene	ND	0.250	11		**	н	17	tr .	
Surrogate: 1,2-DCA-d4	101 %	60-130			"	"	"	"	
Surrogate: Toluene-d8	99.0 %	80-120			"	"	"	"	
Surrogate: 4-BFB	97.5 %	80-120			"	"	#	"	

North Creek Analytical - Bothell



Spokane

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541.383.9310 fax 541.382.7588

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B0L0042-04) Water	Sampled: 11/30/00		/ed: 12/01/	00 17:22					
Acetone	ND	5.00	ug/l	1	0L14022	12/14/00	12/14/00	EPA 8260B	
Benzene	ND	0.200	11	II	17	a	n	Ħ	
Bromobenzene	ND	0.500	11	11	11	11	17	н	
Bromochloromethane	ND	0.200	**	11	n	n	**	11	
Bromodichloromethane	ND	0.200	n	ü	и	· ·	**	11	
Bromoform	ND	0.200	H	tr	11	н	er	••	
Bromomethane	ND	1.00	11	11	77	**	tr .	Ħ	
2-Butanone	ND	2.00	"	**	"	**	н	**	
n-Butylbenzene	ND	0.200	11	"	t †	17	11	w	
sec-Butylbenzene	ND	0.200	D	11	"	n	11	u	
tert-Butylbenzene	ND	0.500	"	**	11	"	11	11	
Carbon disulfide	ND	0.500	**	**	11	u	**	w ·	
Carbon tetrachloride	ND	0.200	**	11	н	н	11	**	
Chlorobenzene	ND	0.200	n	tf	11	10	**	11	
Chloroethane	ND	1.00	H	10	n	31	**	n	
Chloroform	ND	0.200	п	Ħ	17	11	n	11	
Chloromethane	ND	1.00	"	*1	н	**	u	"	
2-Chlorotoluene	ND	0.500	11	17	11	n	н	н	
4-Chlorotoluene	ND	0.500	11	**	11	н	н	11	
Dibromochloromethane	ND	0.200	11	11		u	**	"	
1,2-Dibromo-3-chloropropane	ND	0.500	**	**	**	u	**	н	
1,2-Dibromoethane	. ND	0.200	**	u	**	n	17	**	
Dibromomethane	ND	0.200	11	H	•	11	n	**	
1,2-Dichlorobenzene	ND	0.200	H	н	n	**	17	•	
1,3-Dichlorobenzene	ND	0.200	II .	*	n	11	II	**	
1,4-Dichlorobenzene	ND	0.200	н	**	11	17	n	п	
Dichlorodifluoromethane	ND	0.500	tı	tt	H	tt	"	•	
1,1-Dichloroethane	ND	0.200	**	Ħ		U	#	**	
1,2-Dichloroethane	ND	0.200	17	п	**	п	T	"	
1,1-Dichloroethene	ND	0.200	19	It	11	**		"	
cis-1,2-Dichloroethene	0.311	0.200	u	II .	+1	н	**	**	
trans-1,2-Dichloroethene	ND	0.200	n	**	**	**	**	"	
1,2-Dichloropropane	ND	0.200	11	н	**	**	H	п	
1,3-Dichloropropane	ND	0.200	n	Ħ	11	#	n	"	
2,2-Dichloropropane	ND	0.200	n	ır	ti	н	11	u u	
1,1-Dichloropropene	ND	0.200	17	**	"	n	11	11	
cis-1,3-Dichloropropene	ND	0.200	11	ır	11	11	н	**	
trans-1,3-Dichloropropene	ND	0.200	**	11	••	"	н	17	

North Creek Analytical - Bothell



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Portland

Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B0L0042-04) Water	Sampled: 11/30/00	18:00 Receiv	ed: 12/01/	00 17:22					
Ethylbenzene	ND	0.200	ug/l	1	0L14022	12/14/00	12/14/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	"	н	**	**	n	"	
2-Hexanone	ND	2.00	**	**	Ħ	**	**	11	
Isopropylbenzene	ND	0.500	**	#	11	n	**	"	
p-Isopropyltoluene	ND	0.200	Ħ	"	11	•	**	**	
Methylene chloride	ND	5.00	**	tt	**	**	i.	H	
4-Methyl-2-pentanone	ND	2.00	n	H	**	н	te	**	
Naphthalene	ND	0.500	11	ii.	11	н	11	tt	
n-Propylbenzene	ND	0.500	11	**	**	11	н	n	
Styrene	ND	0.500	11	II.	n	n	11	"	
1,1,1,2-Tetrachloroethane	ND	0.200	**	"	Ħ	11	**	"	
1,1,2,2-Tetrachloroethane	ND	0.500	71	II .	**	••	***	н	
Tetrachloroethene	ND	0.200	17	**	Ħ	**	**	Ħ	
Toluene	ND	0.200	**	ti ti	n	n	F †	n	
1,2,3-Trichlorobenzene	ND	0.200	n	**	**	**	tt	'n	
1,2,4-Trichlorobenzene	ND	0.200	11	**	н	**	te	n	
1,1,1-Trichloroethane	ND	0.200	n	17	**	п	10	tt	
1,1,2-Trichloroethane	ND	0.200	II .	tf	*	n	11	TI	
Trichloroethene	ND	0.200	11	n	#	II	IT	TT .	
Trichlorofluoromethane	ND	0.500	**	n	ıt	17		H	
1,2,3-Trichloropropane	ND	0.500	"	н	41	17	11	II .	
1,2,4-Trimethylbenzene	ND	0.200	**			11	**	II .	
1,3,5-Trimethylbenzene	ND	0.500	11	11	11	**	**	m ·	
Vinyl chloride	ND	0.200	***	**	11	11	H	п	
m,p-Xylene	ND	0.500	"	п	**	**	**	n	
o-Xylene	ND	0.250	tt	**	**	n	11	11	
Surrogate: 1,2-DCA-d4	99.5 %	60-130	_		- "	"	"	"	
Surrogate: Toluene-d8	97.5 %	80-120			"	"	"	"	
Surrogate: 4-BFB	100 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Scott A. Woerman, Project Manager



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927

Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

í	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
!	FPC-9S (B0L0042-05) Water	Sampled: 11/30/00	18:51 Receiv	ed: 12/01/	00 17:22					
í l	Acetone	ND	5.00	ug/l	1	0L14022	12/14/00	12/14/00	EPA 8260B	
'	Benzene	ND	0.200	**		"	ti		11	
	Bromobenzene	ND	0.500	**	"	**	u	tt	II .	
ĺ	Bromochloromethane	ND	0.200	11	"	**	"	11	11	
Į	Bromodichloromethane	ND	0.200	II	**	**	**	11	n	
	Bromoform	ND	0.200	n	u	н	**	17	Ħ	
	Bromomethane	ND	1.00	**	u	н	10	77	Ħ	
	2-Butanone	ND	2.00	11	**	11	н	lf.	n	
	n-Butylbenzene	ND	0.200	u	n	11	l7	u	11	
	sec-Butylbenzene	ND	0.200	n	**	**	**	tt	н	
r	tert-Butylbenzene	ND	0.500	·	u	*1	**	**	**	
	Carbon disulfide	ND	0.500	n	11	ti	**	н	11	
	Carbon tetrachloride	ND	0.200	ti ti	11	11	н		H	
1	Chlorobenzene	ND	0.200	**	11	11	u	tr .	n	
•	Chloroethane	ND	1.00	tt	**	77	u	u	11	
	Chloroform	ND	0.200	II .	11	"	n	11	"	
	Chloromethane	ND	1.00	17	n	"	17	**	"	
ı	2-Chlorotoluene	ND	0.500	**	ıt	n	17	TF	T1	
	4-Chlorotoluene	ND	0.500	tr	**	н	и	**	tr .	
	Dibromochloromethane	ND	0.200	11	**	**	u	н	u	
	1,2-Dibromo-3-chloropropane	ND	0.500	н	**	**	11	н	II .	
	1,2-Dibromoethane	ND	0.200	II .	u	n	**	11	11	
	Dibromomethane	ND	0.200	11	u	11	17	**	н	
7	1,2-Dichlorobenzene	ND	0.200	**	**	н	**	•	tf	
1	1,3-Dichlorobenzene	ND	0.200	**	n	н	н		17	
'	1,4-Dichlorobenzene	ND	0.200	11	t9	**	11	n	11	
	Dichlorodifluoromethane	ND	0.500	tt	tr	**	71	11	n	
Į	1,1-Dichloroethane	ND	0.200	II.	11	**	**	91	**	
	1,2-Dichloroethane	ND	0.200	U	Ħ	**	**	11	Ħ	
	1,1-Dichloroethene	ND	0.200	"	11	н	17	tt	**	
ı	cis-1,2-Dichloroethene	0.531	0.200	17	17	u	u	**	11	
(trans-1,2-Dichloroethene	ND	0.200	er .	n	H	II	**	н	
	1,2-Dichloropropane	ND	0.200	11	n	n	11	H	It	
	1,3-Dichloropropane	ND	0.200	11	Ħ	**	"	u	**	
	2,2-Dichloropropane	ND	0.200	*1	**	**	"	н	**	
	1,1-Dichloropropene	ND	0.200	"	"		n	tt .	**	
	cis-1,3-Dichloropropene	ND	0.200	н	tt	н	n	**	tr	
	trans-1,3-Dichloropropene	ND	0.200	н	п	"	n	u	ıı .	

North Creek Analytical - Bothell



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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9S (B0L0042-05) Water	Sampled: 11/30/00 1	18:51 Receiv	ed: 12/01/0	00 17:22					
Ethylbenzene	ND	0.200	ug/l	1	0L14022	12/14/00	12/14/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500	ч	"	"	17	11	u	
2-Hexanone	ND	2.00	**	H	**	**	"	n	
Isopropylbenzene	ND	0.500	u	11	11	**	**	n	
p-Isopropyltoluene	ND	0.200	"	"	н	n	**	n	
Methylene chloride	ND	5.00	77	"	TI .	"	ti	. #	
4-Methyl-2-pentanone	ND	2.00	tr.	**	u	91	u	**	
Naphthalene	ND	0.500	tr.	"	"		н		
n-Propylbenzene	ND	0.500	n n	н	**	**	11	n	
Styrene	ND	0.500	n	**	**	**	"	"	
1,1,2-Tetrachloroethane	ND	0.200	"	**	"	н	u	**	
1,1,2,2-Tetrachloroethane	ND	0.500	19	17	п	u	II	n	
Tetrachloroethene	ND	0.200	**	п	II.	"	II	**	
Toluene	ND	0.200	**	**	11	**	н	n	
1,2,3-Trichlorobenzene	ND	0.200	н	**	11	ti	H	n	
1,2,4-Trichlorobenzene	ND	0.200	H	н	n	**	Ħ	"	
1,1,1-Trichloroethane	ND	0.200	**	**	n	17	н	11	
1,1,2-Trichloroethane	ND	0.200	17	11	н	11	17	**	
Trichloroethene	ND	0.200	ti	11	"	11	n	11	
Trichlorofluoromethane	ND	0.500	Ħ	17	11	11	u	**	
1,2,3-Trichloropropane	ND	0.500	tt	17	11	11	n	tt	
1,2,4-Trimethylbenzene	ND	0.200	u	н	**	"	Ħ	и	
1,3,5-Trimethylbenzene	ND	0.500	11	**	**	19	**	u	
Vinyl chloride	2.97	0.200	Ħ	н	u	"	Ħ	11	
m,p-Xylene	ND	0.500	11	п	**	11	n	*1	
o-Xylene	ND	0.250	tt	ш	n	n	п	**	
Surrogate: 1,2-DCA-d4	101 %	60-130			"	"	"	"	
Surrogate: Toluene-d8	100 %	80-120			"	"	"	"	
Surrogate: 4-BFB	<i>98.0 %</i> .	80-120			"	"	"	"	

North Creek Analytical - Bothell





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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	·	Re	porting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
}	FPC-1 (B0L0042-06) Water	-		d: 12/01/00	17:22					
!	Acetone	ND	5.00	ug/l	1	0L15023	12/15/00	12/15/00	EPA 8260B	
•	Benzene	ND	0.200	**	"	11	11	n	11	
	Bromobenzene	ND	0.500	**	н	**	"	"		
ĺ	Bromochloromethane	ND	0.200	Ħ	**	11	"	"	**	
i	Bromodichloromethane	ND	0.200		n	11	**	n	**	
	Bromoform	ND	0.200	"	**	**	***	**	#	
į	Bromomethane	ND	1.00	**	н	u .	**	н	Ħ	
1	2-Butanone	ND	2.00	Ħ	tf	Ħ	Ħ	**	н	
	n-Butylbenzene	ND	0.200	"	u	Ħ	н	"	U	
	sec-Butylbenzene	ND	0.200	**	11	н	rt	"	*1	•
!	tert-Butylbenzene	ND	0.500	Ħ	"	ti	u	***	n	
,	Carbon disulfide	ND	0.500	"	"	"	"	"	11	
	Carbon tetrachloride	ND	0.200	11	U	"	н	11	11	
•	Chlorobenzene	ND	0.200	ii .	**	11	U	II .	Ħ	
,	Chloroethane	ND	1.00	н	**	н	**	11	"	
	Chloroform	ND	0.200	· ·	**	Ħ	"	11	tt	
	Chloromethane	ND	1.00	u	**	н	**	н	**	
	2-Chlorotoluene	ND	0.500	**	tt	Ħ	11	n	u ·	
i	4-Chlorotoluene	ND	0.500	**	**	**	tt	17	**	
	Dibromochloromethane	ND	0.200	11	u	*	**	**	IP .	
	1,2-Dibromo-3-chloropropane	ND	0.500	17	11		tr.		TT .	
	1,2-Dibromoethane	ND	0.200	*1	11	H	n	п		
	Dibromomethane	ND	0.200	*1	II.	11	n .	H	n	
à	1,2-Dichlorobenzene	ND	0.200	n	**	n	11	Ħ	TT .	
	1,3-Dichlorobenzene	ND	0.200	u	11	11	**	n	II .	
•	1,4-Dichlorobenzene	ND	0.200	n	11	н	**		**	
	Dichlorodifluoromethane	ND	0.500	п	11	**	**	n	n	
	1,1-Dichloroethane	ND	0.200	"	11	**	**	**	"	
l	1,2-Dichloroethane	ND	0.200		11	n	**	u	† 7	
	1,1-Dichloroethene	ND	0.200	n	**	**	**	11	**	
	cis-1,2-Dichloroethene	ND	0.200	77	11	"	tf	n	"	
	trans-1,2-Dichloroethene	ND	0.200	**	н	"	t†	n	**	
,	1,2-Dichloropropane	ND	0.200	11	n	H	11	**	"	
	1,3-Dichloropropane	ND	0.200	17	н	" '	н	Ħ	tt.	
	2,2-Dichloropropane	ND	0.200	11	tt	**	**	**	u	
1	1,1-Dichloropropene	ND	0.200	tt	u	Ħ	II.		H	
	cis-1,3-Dichloropropene	ND	0.200	II	11	н	11	n	11	
,	trans-1,3-Dichloropropene	ND	0.200	n	n	"	11 '	II .	11	
	• -									

North Creek Analytical - Bothell



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Analyte

Project: Lake Forest Park Cleaners

Project Number: 28171-927

Project Manager: David Raubvogel

Reported:

12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	Re	eporting						
:	Result	Limit	Units	Dilution	Batch	Prepared Analyze	d Method	Notes
B0L0042-06) Water	Sampled: 12/01/00 10:20	Receive	d: 12/01/00	17:22	•			

•										
	FPC-1 (B0L0042-06) Water	Sampled: 12/01/00 10:20) Receive	d: 12/01/00	17:22					
ı	Ethylbenzene	ND	0.200	ug/l	1	0L15023	12/15/00	12/15/00	EPA 8260B	
•	Hexachlorobutadiene	ND	0.500	11	11	**	II .	и	Ħ	
	2-Hexanone	ND	2.00	n	11	Ħ	u	u	t†	
	Isopropylbenzene	ND	0.500	**	**	u	U	II	•	
5	p-Isopropyltoluene	ND	0.200	**	•	n	n	11	т9	
	Methylene chloride	ND	5.00	11	**	п	Ħ	n	17	
٠,	4-Methyl-2-pentanone	ND	2.00	**	*1	н	17	n	11	
ĺ	Naphthalene	ND	0.500	n	n	11	**	**	17	
	n-Propylbenzene	ND	0.500	'n	*1	"	17	77	"	
	Styrene	ND	0.500		11	**	11	**	11	
	1,1,1,2-Tetrachloroethane	ND	0.200	II .	u	**	**	**	n	
;	1,1,2,2-Tetrachloroethane	ND	0.500	n	11	**	**	**	11	
	Tetrachloroethene	ND	0.200	"	n	**	tt	и	ir .	
ı	Toluene	ND	0.200	"	н	**	11	"	11	
	1,2,3-Trichlorobenzene	ND	0.200	"	11	н	tf	u	**	
′	1,2,4-Trichlorobenzene	ND	0.200	"	**	н	tt	"	11	
	1,1,1-Trichloroethane	ND	0.200	**	**	Ħ	**	er er	11	
	1,1,2-Trichloroethane	ND	0.200	"	**	"	ti	11	**	
1	Trichloroethene	ND	0.200	**	**	"	н	н	**	
	Trichlorofluoromethane	ND	0.500	tt	**	17	n	II	н	
	1,2,3-Trichloropropane	ND	0.500	tt	u	11	. 11	**	11	
í	1,2,4-Trimethylbenzene	ND	0.200	**	tt)†	**	n	Ħ	
	1,3,5-Trimethylbenzene	ND	0.500	tt .	н	**	Ħ	**	t+	
,	Vinyl chloride	0.529	0.200	Ħ	н	**	Ħ	"	**	
ì	m,p-Xylene	ND	0.500	tt	п	**	11	*1	11	
•	o-Xylene	ND	0.250	n	11	**	11	11	**	
	Surrogate: 1,2-DCA-d4	100 % 6	60-130			"	"	"	"	
	Surrogate: Toluene-d8	103 % 8	80-120			"	"	"	"	
	Surrogate: 4-BFB	99.0% 8	80-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

Bend

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

ì j	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-10S (B0L0042-07) Water	Sampled: 12/01/00	11:25 Recei	ved: 12/01	/00 17:22					
(Acetone	ND	5.00	ug/l	1	0L15023	12/15/00	12/15/00	EPA 8260B	
4	Benzene	ND	0.200	Ħ	n	**	11	**	H	
	Bromobenzene	ND	0.500	"	n	17	n	**	n	
ì	Bromochloromethane	ND	0.200	ŧ	n	n .	11	**	**	
į	Bromodichloromethane	ND	0.200	rt	n	Ħ	11	**	11	
	Bromoform	ND	0.200	H	H	tt	11	11	**	
ì	Bromomethane	ND	1.00	n	**	п	17	н	H	
į	2-Butanone	ND	2.00	n	Ħ	11	**	Ħ	п	
	n-Butylbenzene	ND	0.200	n	n	11	**	u	T .	
	sec-Butylbenzene	ND	0.200	11	"	**	n	u	"	
	tert-Butylbenzene	ND	0.500	"	"	**	n	11	11	
1	Carbon disulfide	ND	0.500	11	u	**	н	**	**	
	Carbon tetrachloride	ND	0.200	n	**	**	tt	•	"	
ì	Chlorobenzene	ND	0.200	11	Ħ	**	n	u	**	
-	Chloroethane	ND	1.00	**	Ħ	**	n	n	**	
	Chloroform	ND	0.200	rt	11	tt	11	n	**	
	Chloromethane	ND	1.00	Ħ	**	11	**	n	"	
:	2-Chlorotoluene	ND	0.500	u	"	n	**	#		
ł	4-Chlorotoluene	ND	0.500	u	"	U	**	11		
	Dibromochloromethane	ND	0.200	11	**	11	**	11	**	
1	1,2-Dibromo-3-chloropropane	ND	0.500	u	н	11	rr ·	u		
,	1,2-Dibromoethane	ND	0.200	н	H	41	n	н	п	
	Dibromomethane	ND	0.200	"	н	11	"	11	0	
ŕ	1,2-Dichlorobenzene	ND	0.200	**	H	**	Ħ	41	n	
	1,3-Dichlorobenzene	ND	0.200	**	"	11	н		п	
	1,4-Dichlorobenzene	ND	0.200	**	п	**		11	11	
	Dichlorodifluoromethane	ND	0.500	"		11	**	11	11	
ř j	1,1-Dichloroethane	ND	0.200	**	**	**	H	**	**	
İ	1,2-Dichloroethane	ND	0.200	н	**	**	41	**	n	
	1,1-Dichloroethene	ND	0.200	н	tt	tt	**	77	**	
i	cis-1,2-Dichloroethene	0.323	0.200	u	**	ti .	**	**	11	
í	trans-1,2-Dichloroethene	ND	0.200	**	19	**	**	"	17	
•	1,2-Dichloropropane	ND	0.200	n	77	n	11	"	11	
	1,3-Dichloropropane	ND	0.200	п	T†	н	er	17	t#	
l	2,2-Dichloropropane	ND	0.200	н	er	11	Ħ	H	tt	
į	1,1-Dichloropropene	ND	0.200	**	н	11	н	n	It	
	cis-1,3-Dichloropropene	ND	0.200	17	u	11	н	II	и	
1	trans-1,3-Dichloropropene	ND	0.200	**	11	**	n	n	11	

North Creek Analytical - Bothell



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Dames and Moore- Seattle

Seattle WA, 98121

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	•	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10S (B0L0042-07) Water	Sampled: 12/01/00	11:25 Recei	ived: 12/01	/00 17:22					
Ethylbenzene	ND	0.200	ug/l	1	0L15023	12/15/00	12/15/00	EPA 8260B	
Hexachlorobutadiene	, ND	0.500	**	"	11	11	"	tt	
2-Hexanone	ND	2.00	**	**	"	e	**	tt	
Isopropylbenzene	ND	0.500	u	II .	11	**	**	**	
p-Isopropyltoluene	ND	0.200	II.	11	H	11 ·	11	Ħ	
Methylene chloride	ND	5.00	II	**	**	Ħ	"	n	
4-Methyl-2-pentanone	ND	2.00	11	**		Ħ	"	u	
Naphthalene	ND	0.500	н	**	*	**	н	u	
n-Propylbenzene	ND	0.500	11	**	H	tf	It	11	
Styrene	ND	0.500	17	Ħ	11	11	u	11	
1,1,1,2-Tetrachloroethane	ND	0.200	**	**	11	10	II .	**	
1,1,2,2-Tetrachloroethane	ND	0.500	**	**	11	u	H	**	
Tetrachloroethene	ND	0.200	11	u	и	IF	19	"	
Toluene	ND	0.200	n	н	11	11	Ħ	**	
1,2,3-Trichlorobenzene	ND	0.200	tt	11	11	Ħ	**	н	
1,2,4-Trichlorobenzene	ND	0.200	11	н	11	н	#	tt	
1,1,1-Trichloroethane	ND	0.200	II .	11	11	n	**	**	
1,1,2-Trichloroethane	ND	0.200	n	11	**	11	11	**	
Trichloroethene	ND.	0.200	н	Ħ	**	n	**	u .	
Trichlorofluoromethane	ND	0.500	u	Ħ	**	Ħ	**	m	
1,2,3-Trichloropropane	ND	0.500	11	**	**	(1	п	ti	
1,2,4-Trimethylbenzene	ND	0.200	**	tr	. "	11	H	н	
1,3,5-Trimethylbenzene	ND	0.500	**	11	***	11	н	n	
Vinyl chloride	ND	0.200	11	11	19	17	н	n	
m,p-Xylene	ND	0.500	**	**	er	t+	н	п	
o-Xylene	ND	0.250	"		t†		"		
Surrogate: 1,2-DCA-d4	99.0 %	60-130	-			"	"	"	
Surrogate: Toluene-d8	102 %	80-120			"	"	"	"	
Surrogate: 4-BFB	102 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927

Project Manager: David Raubvogel

Reported:

12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B0L0042-08) Water	Sampled: 12/01/00		ived: 12/01	1/00 17:22					
Acetone	ND	5.00	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
Benzene	ND	0.200	11	Ħ	Ħ	11	н	(1	
Bromobenzene	NĐ	0.500	**	H	**	**	11	11	
Bromochloromethane	ND	0.200	e	H	н	***	н	11	
Bromodichloromethane	ND	0.200	Ħ	11	"	Ħ	**	**	
Bromoform	ND	0.200	ti	u	"	**	**	**	
Bromomethane	ND	1.00	u	ч	17	**	**	"	
2-Butanone	ND	2.00	11	**	**	17	rt .	**	
n-Butylbenzene	ND	0.200	11	**	**	н	17	u	
sec-Butylbenzene	ND	0.200	*1	**	**	u	**	u	
tert-Butylbenzene	ND	0.500	**	n	**	н	п	**	
Carbon disulfide	ND	0.500	n	11	Ħ	н '	11	u	
Carbon tetrachloride	ND	0.200	**	II .	**	"	TF	11	
Chlorobenzene	ND	0.200	**	n	ti	n	11	н	
Chloroethane	ND	1.00	н	u	11	11	**	•	
Chloroform	ND	0.200	u	н	II.	п	n	**	
Chloromethane	ND	1.00	u	**	11	**	**	17	
2-Chlorotoluene	ND	0.500		**	**	n	17	II.	
4-Chlorotoluene	ND	0.500	u,	**	,,	u	**	**	
Dibromochloromethane	ND	0.200	**		**		tř	**	
1,2-Dibromo-3-chloropropane	ND	0.500	17	Ħ	**	n	Ħ	π	
1,2-Dibromoethane	ND	0.200	**		**	**	и	u	
Dibromomethane	ND	0.200	**	u	H	11	11	н	
1,2-Dichlorobenzene	ND	0.200	**	u	n	**	II	11	•
1.3-Dichlorobenzene	ND	0.200	17	u	н	**	**	11	
1,4-Dichlorobenzene	ND	0.200	**	H	н	**	"	**	
Dichlorodifluoromethane	ND	0.500	10	**	ıı	н	**	"	
1,1-Dichloroethane	ND	0.200	u	**	n	**	**	**	
1,2-Dichloroethane	ND	0.200	n	Ħ	н	**	tı	Ħ	
1,1-Dichloroethene	ND	0.200	11	**	11	Ħ	"	**	
cis-1,2-Dichloroethene	ND	0.200		n	н	n n	**	n	
trans-1,2-Dichloroethene	ND	0.200	**	**	*1	n	**	"	
1,2-Dichloropropane	ND	0.200	•	н	"	u	α	n	
1,3-Dichloropropane	ND	0.200	#	u	**	ıı	Ħ	п	
2,2-Dichloropropane	ND	0.200	**		"	97	ŧı	н	
1,1-Dichloropropene	ND	0.200	**	**	10	#	U	"	
cis-1,3-Dichloropropene	ND	0.200	tt	u u	н	**	**	**	
trans-1,3-Dichloropropene	ND	0.200	11	**	a	**	**	19	
Tails 1,5 Diemotopropono	1.10	0,200							

North Creek Analytical - Bothell



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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

ļ	<u>J</u>		Reporting							
ļ	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
,	FPC-10D (B0L0042-08) Water	Sampled: 12/01/00	12:11 Recei	ived: 12/01	/00 17:22					
4	Ethylbenzene	ND	0.200	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
ì	Hexachlorobutadiene	ND	0.500	n	**	n	n	n .	Ħ	
	2-Hexanone	ND	2.00	11	11	11	u	U	**	
	Isopropylbenzene	ND	0.500	11	11	11	11	11	**	
	p-Isopropyltoluene	ND	0.200	11	11	11	n	11	n	
	Methylene chloride	ND	5.00	II	**	n	n	"	n	
ŗ	4-Methyl-2-pentanone	ND	2.00	**	**	**	**	**	rr	
Ì	Naphthalene	ND	0.500	47	11	**	"	**	TP .	
,	n-Propylbenzene	ND	0.500	**	н	**	"	17	п	
	Styrene	ND	0.500	**	u	**	"	11	и	
;	1,1,1,2-Tetrachloroethane	ND	0.200	11	H	11	**	tf	11	
•	1,1,2,2-Tetrachloroethane	ND	0.500	77	"	*	"	**	Ħ	
	Tetrachloroethene	0.243	0.200	tt	н	**	"	17	11	
;	Toluene	ND	0.200	11	н	**	Ħ	H	11	
,	1,2,3-Trichlorobenzene	ND	0.200	"	н	11	n	n	**	
	1,2,4-Trichlorobenzene	ND	0.200	lf	**	н	tt	n	11	
	1,1,1-Trichloroethane	ND	0.200	н	н	n	a	II .	"	
1	1,1,2-Trichloroethane	ND	0.200	"	"	tt	н	n	*1	
?	Trichloroethene	ND	0.200	ti .	**	н	H	11	11	
	Trichlorofluoromethane	ND	0.500	**	**	"	11	II	ti .	
,	1,2,3-Trichloropropane	ND	0.500	"	11	н	n	11	**	
į	1,2,4-Trimethylbenzene	ND	0.200	u	"	u	II	11	**	
	1,3,5-Trimethylbenzene	ND	0.500	**	**	н	н	n	**	
	Vinyl chloride	ND	0.200	н	**	н	11	ti	**	
i L	m,p-Xylene	ND	0.500	**	**	n	11	11	n	
ři	o-Xylene	ND	0.250	**	11	"	n	11	n	
	Surrogate: 1,2-DCA-d4	100 %	60-130			"	"	"	"	
			00.150							

101 %

99.5%

80-120

80-120

North Creek Analytical - Bothell

Surrogate: Toluene-d8

Surrogate: 4-BFB

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

,			porting							
1	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
÷	FPC-5 (B0L0042-09) Water	Sampled: 12/01/00 13:05	Receive	ed: 12/01/00	17:22					
ĺ	Acetone	ND	5.00	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
,	Benzene	ND	0.200	77	11	u	10	tr.	11	
	Bromobenzene	ND	0.500	**	**	u	n	11	u	
	Bromochloromethane	ND	0.200	58	**	II .	п	14	11	
ľ	Bromodichloromethane	ND	0.200	н	**	*1	II .	н	11	
	Bromoform	ND	0.200	Ħ	11	**	II .	**	*1	
ľ	Bromomethane	ND	1.00	u	0	"	**	**	**	
i	2-Butanone	ND	2.00	11	11	tr	11		**	
	n-Butylbenzene	ND	0.200	**	17	IF	n n	11	n	
	sec-Butylbenzene	ND	0.200	**	11		rt	II .	II .	
ĺ	tert-Butylbenzene	ND	0.500	13	er	**	**	н	H	
,,	Carbon disulfide	ND	0.500	te	Ħ	**	11	11	11	
	Carbon tetrachloride	ND	0.200	tt	**	**	**	**	. 17	
ì	Chlorobenzene	ND	0.200	u	u	**	11	**	19	
	Chloroethane	ND	1.00	n	11	**	**	Ħ	**	
-	Chloroform	ND	0.200	ti	н	**	**	Ħ	"	
	Chloromethane	ND	1.00	n	**	н	*	н `	"	
ı	2-Chlorotoluene	ND	0.500	**	19	tı	u	II .	u	
,	4-Chlorotoluene	ND	0.500	**	**	D	п	11	"	
	Dibromochloromethane	ND	0.200	tt	n	**	**	**	**	
i	1,2-Dibromo-3-chloropropane	ND	0.500	н	n	**	н	**	11	
Ĺ	1,2-Dibromoethane	ND	0.200	п	u	11	**	n	11	
	Dibromomethane	ND	0.200	π	n n	11	***	**	t#	
į.	1,2-Dichlorobenzene	ND	0.200	11	"	17	17	н	11	
	1,3-Dichlorobenzene	ND	0.200	Ħ	n n	ш	"	11	H	
	1,4-Dichlorobenzene	ND	0.200	**	**	н	· ·	11	Ħ	
	Dichlorodifluoromethane	ND	0.500		Ħ	11	11	11	n	
,	1,1-Dichloroethane	ND	0.200	н	H	11	II .	**	11	
!	1,2-Dichloroethane	ND	0.200	tt.	н	**	11	**	11	•
	1,1-Dichloroethene	ND	0.200	n	11	11	17	**	•	
	cis-1,2-Dichloroethene	ND	0.200	н	u	17	**	tr.	**	
	trans-1,2-Dichloroethene	ND	0.200	"	11	u	11	**	19	
	1,2-Dichloropropane	ND	0.200	"	"	11	**	п	11	
	1,3-Dichloropropane	ND	0.200	TF.	"	п	н	н	п	
ì	2,2-Dichloropropane	ND	0.200	**	"	n		11	H	
	1,1-Dichloropropene	ND	0.200	н	**	*		. #	**	
	cis-1,3-Dichloropropene	ND	0.200	n		**	11	m	**	
	trans-1,3-Dichloropropene	ND	0.200	11		17	11	н	11	
	i, Divinotopropono	112	0.200							

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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927

Reporting

Project Manager: David Raubvogel

Reported:

12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

1	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
a	FPC-5 (B0L0042-09) Water	Sampled: 12/01/00 13:05	Receive	d: 12/01/00	17:22					
!	Ethylbenzene	ND	0.200	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
7	Hexachlorobutadiene	ND	0.500	"	11	10	rt	II	n	
	2-Hexanone	ND	2.00	11	u	"	п	11	11	
ė	Isopropylbenzene	ND	0.500	**	U	"	11	**	4	
	p-Isopropyltoluene	ND	0.200	**		н	Ħ	· ·	**	
	Methylene chloride	ND	5.00	**	"	н	11	tt	11	
ř	4-Methyl-2-pentanone	ND	2.00	**	11	ŧı	11	11	77	
ı	Naphthalene	ND	0.500	**	**	н		17	**	
	n-Propylbenzene	ND	0.500	**	"	**	11	**	п	
	Styrene	ND	0.500	11	**	**	••	tt	n	
Ē	1,1,1,2-Tetrachloroethane	ND	0.200	**	**	**	11	tt	11	
	1,1,2,2-Tetrachloroethane	ND	0.500	n	tt	47	**	Ħ	u	
	Tetrachloroethene	0.340	0.200	II .	**	**	11	n	u .	
	Toluene	ND	0.200	н	п	"	rr rr	u	"	
ì	1,2,3-Trichlorobenzene	ND	0.200	н	Ħ	ŧŧ	n	ii .	11	
	1,2,4-Trichlorobenzene	ND	0.200	н	11	10	"	**	"	
	1,1,1-Trichloroethane	ND	0.200	н	17	u	11	17	"	
e	1,1,2-Trichloroethane	ND	0.200	*1	v	tt	u	11	**	
٠	Trichloroethene	ND	0.200	**	11	н	**	r	**	
	Trichlorofluoromethane	ND	0.500	"	"	"	**	n	**	
	1,2,3-Trichloropropane	ND	0.500	tt	11	**	***	Ħ	"	
Į.	1,2,4-Trimethylbenzene	ND	0.200	11	н	**	**	n	tr	
	1,3,5-Trimethylbenzene	ND	0.500	**	Ħ	**	**	и	n	
	Vinyl chloride	ND	0.200	**	Ħ	**	11	н '	tt	
	m,p-Xylene	ND	0.500	**	n	**	**	n	ti	
	o-Xylene	ND	0.250	**	**	**	н	ıı	n .	
	Surrogate: 1,2-DCA-d4	101 % 60	0-130			"		"	"	
,	Surrogate: Toluene-d8		0-120			"	"	"	"	
ļ	Surrogate: 4-BFB	101 % 80	0-120			"	"	"	"	
	~									

North Creek Analytical - Bothell

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Dames and Moore- Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Project Number: 28171-927

Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-7 (B0L0042-10) Water									
Acetone Acetone	ND	5.00	ug/l		0L14022	12/14/00	12/15/00	EPA 8260B	
Benzene	ND	0.200	ug/I	1	UL14022	12/14/00	12/13/00	EFA 8200B	
Bromobenzene	ND	0.500	. "		71		v		
Bromochloromethane	ND	0.200	17	91	н	•	**	"	
Bromodichloromethane	ND	0.200	11	**	н	**	ŧr.		
Bromoform	ND	0.200	11	**			**	u	
Bromomethane	ND	1.00	н	#	n	u	tı	ıı .	
2-Butanone	ND	2.00	11	"	,,			n	
n-Butylbenzene	ND	0.200	11			н	tr	"	
sec-Butylbenzene	ND ND	0.200	**	11	**	11			
•	ND ND	0.500				**		,,	
tert-Butylbenzene	ND ND	0.500	"	,,			 It		
Carbon disulfide				**		"		. "	
Carbon tetrachloride	ND	0.200	"	"	и	"		"	
Chlorobenzene	ND	0.200	"	**		"	"	"	
Chloroethane	ND	1.00	" "	 H	" "	"	 **		
Chloroform	ND	0.200	"		"	"	"	"	
Chloromethane	ND	1.00	"	" H	"	" "	"	"	
2-Chlorotoluene	ND	0.500		"	"	и	" H	"	
4-Chlorotoluene	ND	0.500	**	,,				"	
Dibromochloromethane	ND	0.200	t†		H	"	19		
1,2-Dibromo-3-chloropropane		0.500	"	***	Ħ	17	11	"	
1,2-Dibromoethane	ND	0.200	n	**	н	**	11	**	
Dibromomethane	ND	0.200	н	"	n	**	11	H	
1,2-Dichlorobenzene	ND	0.200	"	Ħ	n	**	"	"	
1,3-Dichlorobenzene	ND	0.200	"	ŧı	**	11	"	11	
1,4-Dichlorobenzene	ND	0.200	11	tr	**	Ħ	"	"	
Dichlorodifluoromethane	ND	0.500	**	н	"	11	n	**	
1,1-Dichloroethane	ND	0.200	**	н	"	u	H	ti	
1,2-Dichloroethane	ND	0.200	11	11	11	**	u ·		
1,1-Dichloroethene	ND	0.200	11	**	**	**	II	11	
cis-1,2-Dichloroethene	ND	0.200	Ħ	17	п	"	II	11	
trans-1,2-Dichloroethene	ND	0.200	"	**	"	47	n	11	
1,2-Dichloropropane	ND	0.200	11	**	**	**	11	17	
1,3-Dichloropropane	ND	0.200	"	"	11	u .	19	**	
2,2-Dichloropropane	ND	0.200	**	11	**	ıŧ	Ħ	n	
1,1-Dichloropropene	ND	0.200	"	11	**	и	ıı	m .	
cis-1,3-Dichloropropene	ND	0.200	tr .	n	**	11	tt .	n	
trans-1,3-Dichloropropene	ND	0.200	11	n	"	н	н	*1	

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-7 (B0L0042-10) Water	Sampled: 12/01/00 14:22	Received	l: 12/01/00	17:22					
Ethylbenzene	ND	0.200	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
Hexachlorobutadiene	ND	0.500		u	**	II	н	"	
2-Hexanone	ND	2.00	n	. п	11	11	n	at .	
Isopropylbenzene	ND	0.500	н	t1	11	11	**	"	
p-Isopropyltoluene	ND	0.200	"	11	**	11	**	17	
Methylene chloride	ND	5.00	**	11	*1	11	ti	Ħ	
4-Methyl-2-pentanone	ND	2.00	н	Ħ	11	**	п	**	
Naphthalene	ND	0.500	11	10	n	**	**	w	
n-Propylbenzene	ND	0.500	"	**	**	11	* 1	n	
Styrene	ND	0.500	**	r	**	**	t1	H	
1,1,1,2-Tetrachloroethane	ND	0.200	"	**	n	"	11	n	
1,1,2,2-Tetrachloroethane	ND	0.500	**	**	Ħ	**	**	п	
Tetrachloroethene	ND	0.200	**	**	n	11	87	ıı	
Toluene	ND	0.200	"	**	"	"	C†	н	
1,2,3-Trichlorobenzene	ND	0.200	**	70	"	11	t†	n	
1,2,4-Trichlorobenzene	ND	0.200	11	n	**	**	tt	п	
1,1,1-Trichloroethane	ND	0.200	**	**	u	"	t*	ii.	
1,1,2-Trichloroethane	ND	0.200	ti	u	н	u	tr	T T	
Trichloroethene	ND	0.200	n	Ħ		11	te.	"	
Trichlorofluoromethane	ND	0.500	11	u	11	rr ·	H	**	
1,2,3-Trichloropropane	ND	0.500	н	**	"	if	**	**	
1,2,4-Trimethylbenzene	ND	0.200	н	**	11	II.	u	**	
1,3,5-Trimethylbenzene	ND	0.500	II .	u	ŧ	n	11	**	
Vinyl chloride	ND	0.200	II .	u	u	**	ш	**	
m,p-Xylene	ND	0.500	n	n .	н	n	Ħ	"	
o-Xylene	ND	0.250	a	u	u .	**	11	н	
Surrogate: 1,2-DCA-d4	27.0.7	0-130			"	"	"	"	
Surrogate: Toluene-d8	99.5 % 80	0-120			"	"	"	"	
Surrogate: 4-BFB	96.0 % 80	0-120			"	".	"	"	

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

,		Re	porting			-	-			
į	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	TDG 4 (DAY 06 12 10)				45.05	_				
9	FPC-4 (B0L0042-11) Water								•	
	Acetone	5.71	5.00	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
	Benzene	0.881	0.200	**	Ħ	11	н	t†	17	
	Bromobenzene	ND	0.500	17	11	"	II	11	**	
	Bromochloromethane	ND	0.200	#	II	17	Ħ	14	T .	
	Bromodichloromethane	ND	0.200	Ħ	н	H	"	14	"	
	Bromoform	ND	0.200	**	н	11	n	u	**	
	Bromomethane	ND	1.00	**	#	U	11	lt.	H*	
	2-Butanone	ND	2.00	ŧi	**		**	10	n	
	n-Butylbenzene	ND	0.200	II .	**	н	**	11	11	
	sec-Butylbenzene	ND	0.200	tt	11	**	**	11	41	
	tert-Butylbenzene	ND	0.500	u	11	"	п	11	"	
	Carbon disulfide	ND	0.500	u .	u	н	**	Ħ	п	
	Carbon tetrachloride	ND	0.200	"	11	**	u	*1	**	
	Chlorobenzene	ND	0.200	Ħ	"	tı	н	**	"	
	Chloroethane	ND	1.00	**		11	н	11	**	
•	Chloroform	ND	0.200	11	и	**	11	Ħ	**	
	Chloromethane	ND	1.00	*	H	11	n	tt	Ħ	
9	2-Chlorotoluene	ND	0.500	17	11	u	n	tt .	11	
	4-Chlorotoluene	ND	0.500	n	11	u	н	II .	u	
	Dibromochloromethane	ND	0.200	u	11	11	11	11	u	
ų	1,2-Dibromo-3-chloropropane	ND	0.500	н	**	"	Ħ	11	u u	
i.	1,2-Dibromoethane	ND	0.200	II .	п	п	11	11	u	
-	Dibromomethane	ND	0.200	п	"	II	11	11	II .	
1	1,2-Dichlorobenzene	ND	0.200	11	"	n	"	ti	**	
ľ	1,3-Dichlorobenzene	ND	0.200	11	n	11	"	**	"	
	1,4-Dichlorobenzene	ND	0.200	**	"	**	н	ti	**	
	Dichlorodifluoromethane	ND	0.500	**	11	**	Ħ	H	**	
	1,1-Dichloroethane	ND	0.200	**	n	••	11	**	**	
	1,2-Dichloroethane	ND	0.200	11	"	**	и	II.	tr	
	1,1-Dichloroethene	ND	0.200	11	**	**	n	11	н	
	cis-1,2-Dichloroethene	1.03	0.200	11	n	u	**	H .	ti	
	trans-1,2-Dichloroethene	ND	0.200	u	"	"	**	IF	rt	
	1,2-Dichloropropane	ND	0.200	ıı	11	н	77	u	tt.	
	1,3-Dichloropropane	ND	0.200	n	н	II	11	u	H	
F	2,2-Dichloropropane	ND	0.200	II .	Ħ	ıı	**	11	н	
	1,1-Dichloropropene	ND	0.200	11	н	11	Ħ	"	11	
	cis-1,3-Dichloropropene	ND	0.200	n	ıı	**	ıı	"	17	
	trans-1,3-Dichloropropene	ND	0.200	**	11	**	н	II .	tı	
	dans 1,5-15tottotoptopene	1112	0.200							

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte FPC-4 (B0L0042-11) Water Ethylbenzene Hexachlorobutadiene	Result Sampled: 12/01/00 15:2' ND ND	Limit 7 Receive 0.200	Units d: 12/01/00	Dilution	Batch	Prepared	Analyzed	Method	Notes
Ethylbenzene	ND		d: 12/01/00	17-22					
-		0.200		11.44					
Hexachlorobutadiene	ND		ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
		0.500	ti	H	17	u	Ħ	"	
2-Hexanone	ND	2.00	17	н	H	n	ri	٠ 11	
Isopropylbenzene	ND	0.500	17	-11	n	II	m .	"	,
p-Isopropyltoluene	ND	0.200	17	н	11	••	n	**	
Methylene chloride	ND	5.00	tt	**	"	**	H	11	
4-Methyl-2-pentanone	2.04	2.00		**	**	**	n	n	
Naphthalene	ND	0.500	II .	*	**	ч	**	п	
n-Propylbenzene	ND	0.500	**	н	II .	u	77	11	
Styrene	ND	0.500	Ħ	н		u	lt.	**	
1,1,1,2-Tetrachloroethane	ND	0.200	**	**	ır	**	m .	**	
1,1,2,2-Tetrachloroethane	ND	0.500	**	. **	n	n	u	**	
Tetrachloroethene	ND	0.200	**	**	47	**	n	tr	
Toluene	ND	0.200	II .	H	**	tr	Ħ	27	
1,2,3-Trichlorobenzene	ND	0.200	н	**	**	tr	n	tt.	
1,2,4-Trichlorobenzene	ND	0.200	н	11	Ħ	t+	**	11	
1,1,1-Trichloroethane	ND	0.200	**	11	*	"	**	n	
1,1,2-Trichloroethane	ND	0.200	**	"	n	"	**	н	
Trichloroethene	ND	0.200	#	"	u	н	**	n	
Frichlorofluoromethane	ND	0.500	11	**	11	tt	**	**	
1,2,3-Trichloropropane	ND	0.500	**	**	**	**	н	11	
1,2,4-Trimethylbenzene	ND	0.200	Ħ	**	n	**	n	11	
1,3,5-Trimethylbenzene	ND	0.500	u	11	*1	**	**	11	
Vinyl chloride	1.09	0.200	u	**	**	**	**	**	
n,p-Xylene	ND	0.500	ii .	**	7.0	**	Ħ	п	
o-Xylene	ND	0.250	11	н	Ħ	н	"	tt	
Surrogate: 1,2-DCA-d4	200,0	0-130			"	"	"	er e	
Surrogate: Toluene-d8		0-120			"	"	"	"	
Surrogate: 4-BFB	97.5 % 8	0-120			H	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

i		Re	porting							
'n	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-3 (B0L0042-12) Water	Sampled:>12/01/00 16:04	Receive	ed: 12/01/00	17:22					
į L	Acetone	ND	5.00	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
١.	Benzene	ND	0.200	H	**	11	***	**	Ħ	
	Bromobenzene	ND	0.500	41	u	**	11	•	п	
	Bromochloromethane	ND	0.200	u	п	e	**	"	н	
1	Bromodichloromethane	ND	0.200	u	*1	tr	n	11	u	
	Bromoform	ND	0.200	n	n	11	н	11	II .	
	Bromomethane	ND	1.00	11	**	11	н	**	If	
j	2-Butanone	ND	2.00	**	17	11		17	11	
1	n-Butylbenzene	ND	0.200	n	17	Ħ	н	**	ıı	
	sec-Butylbenzene	ND	0.200	n	n	Ħ	н	r)	11	
Io	tert-Butylbenzene	ND	0.500	**	H	u	u	н	**	
	Carbon disulfide	ND	0.500	11	tt	*1	n	п	**	
	Carbon tetrachloride	ND	0.200	n	н	11	11	н	11	
í	Chlorobenzene	ND	0.200	Ħ	н	н	*	н	**	
,	Chloroethane	ND	1.00	п	IT	71	**	a a	**	
4.	Chloroform	ND	0.200	n	11	17	**	u	Ħ	
	Chloromethane	ND	1.00	11	11	**	**	H	**	
	2-Chlorotoluene	ND	0.500	u	11	**	Ħ	11	**	
-	4-Chlorotoluene	ND	0.500	11	**	11	**	II .	11	
	Dibromochloromethane	ND	0.200	n	**	Ħ	n	11	tt	
į	1,2-Dibromo-3-chloropropane	ND	0.500	*1	17	**	u	"	u	
ż	1,2-Dibromoethane	· ND	0.200	n	**	17	п	,,	**	
	Dibromomethane	ND	0.200	H	**	lt.	n	**	н	
	1,2-Dichlorobenzene	ND	0.200	**	tf	n	п	**	п	
į	1,3-Dichlorobenzene	ND	0.200	•	11		11	17	н	
	1,4-Dichlorobenzene	ND	0.200	н	17	Ħ	11	••	U	
	Dichlorodifluoromethane	ND	0.500	**	**		п	**	11	
	1,1-Dichloroethane	ND	0.200	*	11		**	tı	и	
,	1,2-Dichloroethane	ND	0.200	Ħ	Ir	11	n	10	Ħ	
	1,1-Dichloroethene	ND	0.200	н	11	**	11	**	II .	
	cis-1,2-Dichloroethene	0.260	0.200	11	11	11	47	**	11	
'n	trans-1,2-Dichloroethene	ND	0.200	ıı	11	11	**	II .	**	
	1,2-Dichloropropane	ND	0.200	*1	n	11	77	Ħ	ŧf	
_	1,3-Dichloropropane	ND	0.200	n	11	11	**	n	ti	
	2,2-Dichloropropane	ND	0.200	"	n	11	1f	n	11	
	1,1-Dichloropropene	ND	0.200	**	**	H	п	"	**	
	cis-1,3-Dichloropropene	ND	0.200	**	**	n	н	II	н	
	trans-1,3-Dichloropropene	ND	0.200	tt	**	H		11	n	
	,	-								

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	_	R	eporting	·					•	
,	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
,	FPC-3 (B0L0042-12) Water	Sampled: 12/01/00 16:04	Receive	ed: 12/01/00	17:22					
,	Ethylbenzene	ND	0.200	ug/l	1	0L14022	12/14/00	12/15/00	EPA 8260B	
l	Hexachlorobutadiene	ND	0.500	n	II.	**	**	11	tr	
	2-Hexanone	ND	2.00	n	rı	11	#	#	**	
ì	Isopropylbenzene	ND	0.500	If	**	n	**		u	
;	p-Isopropyltoluene	ND	0.200	II	Ħ	fi	m	m	rr	
	Methylene chloride	ND	5.00	**	**	**	**	11	u	
1	4-Methyl-2-pentanone	ND	2.00	**	**	**	**	n	n	
	Naphthalene	ND	0.500	n	"	**	n	11	n	
	n-Propylbenzene	ND	0.500	**	"	17	11	"	n	
	Styrene	ND	0.500	**	17	51	n	"	n	
}	1,1,1,2-Tetrachloroethane	ND	0.200	Ħ	11	t4	н	**	n	
l	1,1,2,2-Tetrachloroethane	ND	0.500	Ħ	**	**	tı	**	"	
	Tetrachloroethene	ND	0.200	tt	**	**	ŧı	ti	**	
	Toluene	ND	0.200	u	п	27	11	**	**	
	1,2,3-Trichlorobenzene	ND	0.200	u	п	14	u	Ħ	**	
•	1,2,4-Trichlorobenzene	ND	0.200	u	n	11	н	**	**	
	1,1,1-Trichloroethane	ND	0.200	u	n	н	11	**	**	
ś	1,1,2-Trichloroethane	ND	0.200	n		11	n	11	**	
	Trichloroethene	ND	0.200	n	11	н	11	tt	"	
	Trichlorofluoromethane	ND	0.500	"	"	"	**	u	"	
ŀ	1,2,3-Trichloropropane	ND	0.500	11	п	н	11	ti	tt	
l	1,2,4-Trimethylbenzene	ND	0.200	**	"	11	**	II	Ħ	
	1,3,5-Trimethylbenzene	ND	0.500	11	**	"	11	H	**	
,	Vinyl chloride	0.636	0.200	rr ·	"	**	**	u	**	
ł	m,p-Xylene	ND	0.500	44	**	**	11	Ħ	**	
	o-Xylene	ND	0.250	tr	97	11	"	"	H	
	Surrogate: 1,2-DCA-d4	100 % 6	0-130			"	"	n	"	
	Surrogate: Toluene-d8		0-120			"	"	"	"	
	Surrogate: 4-BFB	96.5 % 8	0-120			"	"	"	"	

North Creek Analytical - Bothell

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Dames and Moore- Seattle

Seattle WA, 98121

Project: Lake Forest Park Cleaners

Bend

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

1			Reporting		Spike	Source		%REC		RPD	
	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
}	Batch 0L14020: Prepared 12/14/00	Using E	PA 5030B [P/T]		_					
,	Blank (0L14020-BLK1)										
•	Acetone	ND	5.00	ug/l		-					
ł	Веплепе	ND	0.200	**							
(Bromobenzene	ND	0.500	н							
	Bromochloromethane	ND	0.200	н							
ı	Bromodichloromethane	ND	0.200	11							
ŀ	Bromoform	ND	0.200	11							
.'	Bromomethane	ND	1.00	**							
	2-Butanone	ND	2.00	**							
ĺ	n-Butylbenzene	ND	0.200	11							
•	sec-Butylbenzene	ND	0.200	11							
	tert-Butylbenzene	ND	0.500	u							
[Carbon disulfide	ND	0.500	11							
	Carbon tetrachloride	ND	0.200	H							
	Chlorobenzene	ND	0.200	**							
	Chloroethane	ND	1.00	11							
Ý	Chloroform	ND	0.200	n							
	Chloromethane	ND	1.00	It							
1	2-Chlorotoluene	ND	0.500	u							
1	4-Chlorotoluene	ND	0.500	11				:			
	Dibromochloromethane	ND	0.200	**				i			
	1,2-Dibromo-3-chloropropane	ND	0.500	Ħ							
1	1,2-Dibromoethane	ND	0.200	n							
•	Dibromomethane	ND	0.200	a							
	1,2-Dichlorobenzene	ND	0.200	II .							
	1,3-Dichlorobenzene	ND	0.200	n							
	1,4-Dichlorobenzene	ND	0.200	n							
	Dichlorodifluoromethane	ND	0.500	n							
Ì	1,1-Dichloroethane	ND	0.200	**							
-	1,2-Dichloroethane	ND	0.200	**							
	1,1-Dichloroethene	ND	0.200	17							
ì	cis-1,2-Dichloroethene	ND	0.200	п							
1	trans-1,2-Dichloroethene	ND	0.200	"							
,	1,2-Dichloropropane	ND	0.200	11							
	1,3-Dichloropropane	ND	0.200	H							

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

]	Reporting		Spike	Source		%REC		RPD	
Analy	te		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch	0L14020:	Prepared 12/14/00	Using El	PA 5030B	[P/T]							
Blank	(0L14020-BI				_		•					
2,2-Dicl	hloropropane	<u> </u>	ND	0.200	ug/i					-		
1,1-Dicl	hloropropene		ND	0.200	*1							
cis-1,3-	Dichloropróper	ne	ND	0.200	**							
trans-1,3	3-Dichloroprop	ene	ND	0.200	17							
Ethylbe	nzene		ND	0.200	77							
Hexach	lorobutadiene		ND	0.500	#							
2-Hexar	none		ND	2.00	11							
Isoprop	ylbenzene		ND	0.500	**							
p-Isopro	pyltoluene		ND	0.200	11							
Methyle	ene chloride		ND	5.00	Ħ							
4-Methy	yl-2-pentanone		ND	2.00	u							
Naphtha	alene		ND	0.500	ıt							
п-Ргору	lbenzene		ND	0.500	**							
Styrene			ND	0.500	11							
1,1,1,2-	Tetrachloroeth	ane	ND	0.200	Ħ							
1,1,2,2-	Tetrachloroeth	ane	ND	0.500	11							
Tetrachi	loroethene		ND	0.200	11							
Toluene	;		ND	0.200	11							
1,2,3-Tı	richlorobenzen	•	ND	0.200	11							
1,2,4-Tı	richlorobenzen	e .	ND	0.200	u							
1,1,1-Tı	richloroethane		ND	0.200	H							
1,1,2-Tı	richloroethane		ND	0.200	"							
Trichlo	roethene		ND	0.200	11							
Trichlor	rofluoromethan	e	ND	0.500	•							
1,2,3-Ti	richlorop rop ano	2	ND	0.500	**							
1,2,4-T	rimethylbenzen	e	ND	0.200	**							
1,3,5-T	rimethylbenzen	e	ND	0.500	11							
Vinyl c	hloride		ND	0.200	11							
m,p-Xy	lene		ND	0.500	H							
o-Xyler	ne e		ND	0.250	u							
Surroge	ate: 1,2-DCA-d	4	2.01		. "	2.00		100	60-130			
Surroge	ate: Toluene-d8	?	2.06		"	2.00		103	80-120			
Surroge	ate: 4-BFB		2.02		"	2.00		101	80-120			

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 27 of 34



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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Canalyte Result Limit Units Level Result %REC Limits RPD Limit Notes			Reporting		Spike	Source		%REC		RPD	
Description	Analyte	Result		Units		Result	%REC	Limits	RPD	Limit	Notes
Benzene	Batch 0L14020: Prepar	ed 12/14/00 Using	EPA 5030B	[P/T]							
1.99	LCS (0L14020-BS1)	-									
	Benzene	1.96	0.200	ug/l	2.00		98.0	80-130			
Toluene	Chlorobenzene	1.99	0.200	II .	2.00		99.5	80-120			
Trichloroethene	1,1-Dichloroethene	1.90	0.200	u	2.00		95.0	60-140			
Surrogate: 1,2-DCA-44 2,02 " 2,00 101 60-130 Surrogate: 4-BFB 1,99 " 2,00 190 80-120 LCS Dup (0L14020-BSD1) Benzene 1,91 0,200 ug/l 2,00 95.5 80-130 2.58 20 Chlorobenzene 1,93 0,200 " 2,00 95.5 80-130 2.58 20 Chlorobenzene 1,85 0,200 " 2,00 95.5 80-120 3.06 20 1,1-Dichloroethene 1,85 0,200 " 2,00 95.5 80-120 3.06 20 Toiluene 1,77 0,200 " 2,00 98.5 70-130 2.56 20 Surrogate: 1,2-DCA-d+ 2,00 " 2,00 98.0 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 80-120 <th< td=""><td>Toluene</td><td>1.87</td><td>0.200</td><td>17</td><td>2.00</td><td></td><td>93.5</td><td>70-130</td><td></td><td></td><td></td></th<>	Toluene	1.87	0.200	17	2.00		93.5	70-130			
Surrogate: Toluene-d8	Trichloroethene	1.98	0.200	H	2.00		99.0	70-130			
Surrogate: 10 1.99 " 2.00 99.5 80-120	Surrogate: 1,2-DCA-d4	2.02	<u> </u>	"	2.00		101	60-130			
LCS Dup (0L14020-BSD1)	Surrogate: Toluene-d8	2.01		"	2.00		100	80-120			
Benzene 1.91 0.200 ug/l 2.00 95.5 80-130 2.58 20	Surrogate: 4-BFB	1.99)	"	2.00		99.5	80-120			
Chlorobenzene	LCS Dup (0L14020-BSD1)										
1.1-Dichloroethene	Benzene	1.91	0,200	ug/l	2.00		95.5	80-130	2.58	20	
Toluene 1.77 0.200 " 2.00 88.5 70-130 5.49 20 Trichloroethene 1.93 0.200 " 2.00 96.5 70-130 2.56 20 Surrogate: 1,2-DCA-d4 2.00 " 2.00 100 60-130 Surrogate: Toluene-d8 1.96 " 2.00 98.0 80-120 Surrogate: 4-BFB 2.01 " 2.00 100 80-120 Surrogate: 4-BFB 2.01 " 2.00 100 80-120 Surrogate: 4-BFB 2.01 " 2.00 100 80-120 Batch 0L14022: Prepared 12/14/00 Using EPA 5030B [P/T] Blank (0L14022-BLK1) Acetone ND 5.00 ug/l Benzene ND 0.200 " Bromoebnzene ND 0.500 " Bromoebnzene ND 0.200 " Bromoehloromethane ND 0.200 " Bromodichloromethane ND 0.200 " Bromoefm ND 0.200 " Bromoemethane ND 0.200 " Bromoemethane ND 0.200 " Bromoethane ND 0.200 " Carbon disulfide ND 0.500 " Carbon disulfide ND 0.500 "	Chlorobenzene	1.93	0.200	n	2.00		96.5	80-120	3.06	20	
Trichlorothene 1.93 0.200 " 2.00 96.5 70-130 2.56 20 Surrogate: 1,2-DCA-d4 2.00 " 2.00 100 60-130 Surrogate: Toluene-d8 1.96 " 2.00 98.0 80-120 Surrogate: 4-BFB 2.01 " 2.00 100 80-120 Batch OL14022: Prepared 12/14/00 Using EPA 5030B [P/T] Blank (OL14022-BLK1) Acetone ND 5.00 ug/l Benzene ND 0.200 " Bromobenzene ND 0.500 " Bromochloromethane ND 0.200 " Bromochloromethane ND 0.200 " Bromoform ND 0.200 " Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " Bromomethane ND 0.200 " Carbon disulfide ND 0.500 " Carbon disulfide ND 0.500 "	1,1-Dichloroethene	1.85	0.200	н	2.00		92.5	60-140	2.67	30	
Surrogate: 1, 2-DCA-d4 2.00	Toluene	1.77	0.200	tt	2.00		88.5	70-130	5.49	20	
Surrogate: 1,20C-4-4 Surrogate: 1,26C-4-4 Surrogate: 4-BFB	Trichloroethene	1.93	0.200	"	2.00		96.5	70-130	2.56	20	
Surrogate: 4-BFB 2.01	Surrogate: 1,2-DCA-d4	2.00)	"	2.00	_	100	60-130			
Batch 0L14022: Prepared 12/14/00 Using EPA 5030B [P/T]	Surrogate: Toluene-d8	1.96	i	"	2.00		98.0				
Blank (0L14022-BLK1)	Surrogate: 4-BFB	2.01		"	2.00		100	80-120			
Acetone ND 5.00 ug/l Benzene ND 0.200 " Bromobenzene ND 0.500 " Bromochloromethane ND 0.200 " Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Batch 0L14022: Prepar	ed 12/14/00 Using	EPA 5030B	[P/T]				_			
Benzene ND 0.200 " Bromobenzene ND 0.500 " Bromochloromethane ND 0.200 " Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.500 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Blank (0L14022-BLK1)										
Bromobenzene ND 0.500 " Bromochloromethane ND 0.200 " Bromodichloromethane ND 0.200 " Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.200 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Acetone	ND	5.00	ug/l						•	
Bromochloromethane ND 0.200 " Bromodichloromethane ND 0.200 " Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.500 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Benzene	ND	0.200	**							
Bromodichloromethane ND 0.200 " Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.500 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Bromobenzene	ND	0.500	41							
Bromoform ND 0.200 " Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.500 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Bromochloromethane	ND	0.200	**							
Bromomethane ND 1.00 " 2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.500 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Bromodichloromethane	ND	0.200	#							
2-Butanone ND 2.00 " n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.200 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Bromoform	ND	0.200	Ħ							
n-Butylbenzene ND 0.200 " sec-Butylbenzene ND 0.200 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	Bromomethane	ND	1.00	Ħ							
sec-Butylbenzene ND 0.200 " tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	2-Butanone	ND	2.00	**							
tert-Butylbenzene ND 0.500 " Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	n-Butylbenzene	ND	0.200	II .					•		
Carbon disulfide ND 0.500 " Carbon tetrachloride ND 0.200 "	sec-Butylbenzene	ND	0.200	н							
Carbon tetrachloride ND 0.200 "	tert-Butylbenzene	ND	0.500	11							
	Carbon disulfide	ND	0.500	11							
Chlorobenzene ND 0.200 "	Carbon tetrachloride	ND	0.200	11							
	Chlorobenzene	ND	0.200	#							

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Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0L14022: Prepared 12/14/00	Using El	PA 5030B	[P/T]				•			
Blank (0L14022-BLK1)										
Chloroethane	ND	1.00	ug/l							
Chloroform	ND	0.200	11							
Chloromethane	ND	1.00	n							
2-Chlorotoluene	ND	0.500	n							
4-Chlorotoluene	ND	0,500	*							
Dibromochloromethane	ND	0.200	**							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.200	77							
Dibromomethane	ND	0.200	Ħ							
1,2-Dichlorobenzene	ND	0,200	**							
1,3-Dichlorobenzene	ND	0.200	**							•
1,4-Dichlorobenzene	ND	0.200	**							
Dichlorodifluoromethane	ND	0.500	**							
1,1-Dichloroethane	ND	0.200	**							
1,2-Dichloroethane	ND	0.200	'n							
1,1-Dichloroethene	ND	0.200	н							
cis-1,2-Dichloroethene	ND	0.200	н							
trans-1,2-Dichloroethene	ND	0.200	ti				•			
1,2-Dichloropropane	ND	0.200	n							
1,3-Dichloropropane	ND	0.200	II .							•
2,2-Dichloropropane	ND	0.200	11							
1,1-Dichloropropene	ND	0.200	n							
cis-1,3-Dichloropropene	ND	0.200	n							
trans-1,3-Dichloropropene	ND	0.200	н							
Ethylbenzene	ND	0.200	ш							
Hexachlorobutadiene	ND	0.500	**							
2-Hexanone	ND	2.00	**							
Isopropylbenzene	ND	0,500	n							
p-Isopropyltoluene	ND	0.200	#							
Methylene chloride	ND	5.00	tt							
4-Methyl-2-pentanone	ND	2.00	Ħ							
Naphthalene	ND	0.500	"							
n-Propylbenzene	ND	0.500	н							
Styrene	ND	0.500	Ħ							
-										

North Creek Analytical - Bothell



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%REC

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

Spike

Source

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Reporting

Amalura		Kehormia		Spike						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Note
Batch 0L14022: Prepared 12/14/0	0 Using El	PA 5030B	[P/T]							
Blank (0L14022-BLK1)										
1,1,1,2-Tetrachloroethane	ND	0.200	ug/l							
1,1,2,2-Tetrachloroethane	ND	0.500	11							
Tetrachloroethene	ND	0.200	n							
Toluene	ND	0.200	"							
1,2,3-Trichlorobenzene	ND	0.200	Ħ							,
1,2,4-Trichlorobenzene	ND	0.200	**							
1,1,1-Trichloroethane	ND	0.200	**							
1,1,2-Trichloroethane	ND	0.200	**							
Trichloroethene	ND	0.200	rt							
Trichlorofluoromethane	ND	0.500	Ħ							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.200	н							
1,3,5-Trimethylbenzene	ND	0.500	u							
Vinyl chloride	ND	0.200	11							
m,p-Xylene	ND	0.500	11							
o-Xylene	ND	0.250	n							
Surrogate: 1,2-DCA-d4	2.04		"	2.00		102	60-130			
Surrogate: Toluene-d8	1.97		"	2.00		98.5	80-120			
Surrogate: 4-BFB	2.01		"	2.00		100	80-120			
LCS (0L14022-BS1)										
Benzene	1.97	0.200	ug/l	2.00		98.5	80-130			· · -
Chlorobenzene	1.91	0.200	II	2.00		95.5	80-120			
1,1-Dichloroethene	1.83	0.200	"	2.00		91.5	60-140			
Toluene	1.74	0.200	II .	2.00		87.0	70-130			
Trichloroethene	1.96	0.200	11	2.00		98.0	70-130			
Surrogate: 1,2-DCA-d4	2.00		.,	2.00		100	60-130			
Surrogate: Toluene-d8	1.92		n	2.00		96.0	80-120			
Surrogate: 4-BFB	1.95		#	2.00		97.5	80-120			

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 28171-927

Reported:

Seattle WA, 98121

Project Manager: David Raubvogel

12/18/00 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

l i		D 1	Reporting	TT 14	Spike	Source	NDDG	%REC	nnn	RPD	
1	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	Batch 0L14022: Prepared 12/14/00	Using l	EPA 5030B [P/T]							
	LCS Dup (0L14022-BSD1)										
,	Benzene	2.01	0.200	ug/l	2.00		100	80-130	2.01	20	
	Chlorobenzene	1.97	0.200	**	2.00		98.5	-80-120	3.09	20	
l	1,1-Dichloroethene	2.04	0.200	"	2.00		102	60-140	10.9	30	
	Toluene	1.78	0.200	"	2.00		89.0	70-130	2.27	20	
,	Trichloroethene	2.01	0.200	n	2.00		100	70-130	2.52	20	
ı	Surrogate: 1,2-DCA-d4	2.00	•	"	2.00		100	60-130	-		
	Surrogate: Toluene-d8	1.91		"	2.00		95.5	80-120			
	Surrogate: 4-BFB	1.92		"	2.00		96.0	80-120			
	Batch 0L15023: Prepared 12/15/00	Using l	EPA 5030B [P/T]			<u> </u>				
	Blank (0L15023-BLK1)										
l	Acetone	ND	5.00	ug/l							
	Benzene	ND	0.200	**							
	Bromobenzene	ND	0.500	11							
:	Bromochloromethane	ND	0.200	tt							
i	Bromodichloromethane	ND	0,200	н							
	Bromoform	ND	0.200	11						•	
	Bromomethane	ND	1.00	**							
	2-Butanone	ND	2.00	Ħ							
	n-Butylbenzene	ND	0.200	11							
	sec-Butylbenzene	ND	0.200	u							
ì	tert-Butylbenzene	ND	0.500	11							
,	Carbon disulfide	ND	0.500	11							
	Carbon tetrachloride	ND	0.200	H							
1	Chlorobenzene	ND	0.200	"							
)	Chloroethane	ND	1.00	re							
	Chloroform	ND	0.200	n							
ĺ	Chloromethane	ND	1.00	**							
1	2-Chlorotoluene	ND	0.500	**							
	4-Chlorotoluene	ND	0.500	***							
1	Dibromochloromethane	ND	0.200	tt							
	1,2-Dibromo-3-chloropropane	ND	0.500	II .							
•	1,2-Dibromoethane	ND	0.200	10							
	Dibromomethane	ND	0.200	H							

North Creek Analytical - Bothell

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%REC

Dames and Moore- Seattle

Project: Lake Forest Park Cleaners

Spike

Source

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Reporting

		5 1:	Keporting	TT */	Phive	Source D. L	A/DEC	70KEC	DDD	KID	3.7.4
j	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	Batch 0L15023: Prepared 12/15/00	Using I	EPA 5030B	[P/T]							
	Blank (0L15023-BLK1)										
	1,2-Dichlorobenzene	ND	0.200	ug/l						•	
	1,3-Dichlorobenzene	ND	0.200	17							
	1,4-Dichlorobenzene	ND	0.200	11							
	Dichlorodifluoromethane	ND	0.500	n							
	1,1-Dichloroethane	ND	0.200	**							
	1,2-Dichloroethane	ND	0.200	**							
	1,1-Dichloroethene	ND	0.200	**							
,	cis-1,2-Dichloroethene	ND	0.200	tt							
1	rans-1,2-Dichloroethene	ND	0.200	**							
	1,2-Dichloropropane	ND	0.200	n							
	1,3-Dichloropropane	ND	0,200	н							
:	2,2-Dichloropropane	ND	0.200	31							
	,1-Dichloropropene	ND	0.200	u							
	sis-1,3-Dichloropropene	ND	0.200	н							
1	rans-1,3-Dichloropropene	ND	0.200	u					:		
	Ethylbenzene	ND	0.200	ti							
•	Hexachlorobutadiene	ND	0.500	II							
:	2-Hexanone	ND	2.00	II							
	sopropylbenzene	ND	0.500	н							
1	p-Isopropyltoluene	ND	0.200	"							
3	Methylene chloride	ND	5.00	Ħ							
	1-Methyl-2-pentanone	ND	2.00	Ħ							
	Naphthalene	ND	0.500	n							
1	n-Propylbenzene	ND	0.500	11							
i	Styrene	ND	0.500	11							
	1,1,1,2-Tetrachloroethane	ND	0.200	II .							
	1,1,2,2-Tetrachloroethane	ND	0.500	11							
•	Tetrachloroethene	ND	0.200	11							
٠	Foluene	ND	0.200	11							
	1,2,3-Trichlorobenzene	ND	0.200	н							
	1,2,4-Trichlorobenzene	ND	0.200	11							
	l,1,1-Trichloroethane	ND	0.200	II							
	1,1,2-Trichloroethane	ND	0.200	41							
•	Trichloroethene	ND	0.200	11							

North Creek Analytical - Bothell



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%REC

Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

Spike

Source

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Reporting

		Reporting		Spike	Source		70KEC		KrD	
Analyte .	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0L15023: Prepared 12/15/00	Using E	PA 5030B	[P/T]							
Blank (0L15023-BLK1)				· · ·	· ·					
Trichlorofluoromethane	ND	0.500	ug/l							
1,2,3-Trichloropropane	ND	0.500	H							
1,2,4-Trimethylbenzene	ND	0.200	u							
1,3,5-Trimethylbenzene	ND	0.500	H							
Vinyl chloride	ND	0.200	n .							
m,p-Xylene	ND	0.500	н							
o-Xylene	ND	0.250	u							
Surrogate: 1,2-DCA-d4	2.03	.	"	2.00		101	60-130			
Surrogate: Toluene-d8	2.04		"	2.00		102	80-120			
Surrogate: 4-BFB	1.94		"	2.00		97.0	80-120			
LCS (0L15023-BS1)										
Benzene	2.14	0.200	ug/l	2.00		107	80-130			
Chlorobenzene	2.31	0.200	н	2.00		115	80-120			
1,1-Dichloroethene	1.64	0.200	н	2.00		82.0	60-140			
Toluene	2.01	0.200	**	2.00		100	70-130			
Trichloroethene	2.06	0.200	n	2.00		103	70-130			
Surrogate: 1,2-DCA-d4	2.01	_	"	2.00		100	60-130			
Surrogate: Toluene-d8	2.03		"	2.00		101	80-120			
Surrogate: 4-BFB	1.92		"	2.00		96.0	80-120			
LCS Dup (0L15023-BSD1)										
Benzene	2.29	0.200	ug/l	2.00		114	80-130	6.77	20	
Chlorobenzene	2.46	0.200	"	2.00		123	80-120	6.29	20	Q-0
1,1-Dichloroethene	2.11	0.200	**	2.00		105	60-140	25.1	30	
Toluene	2.13	0.200	**	2.00		107	70-130	5.80	20	
Trichloroethene	2.38	0.200	**	2.00		119	70-130	14.4	20	
Surrogate: 1,2-DCA-d4	2.06	_	"	2.00		103	60-130			
Surrogate: Toluene-d8	1.99		"	2.00		99.5	80-120			
Surrogate: 4-BFB	1.91		"	2.00		95.5	80-120			

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Lake Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 28171-927 Project Manager: David Raubvogel

Reported: 12/18/00 14:33

Notes and Definitions

A-01 Re-run was finished on MS-4 with 5ml purge. But it was run out of holding.

Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the

recovery for this analyte does not represent an out-of-control condition for the batch.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**

Page 34 of 34



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COC REV 3/99

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FAX FAX 924-9290 FAX 906-9210

(541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT Work Order #: TURNAROUND REQUEST in Business Days* INRS CLIENT: INVOICE TO: Organic & Inorganic Analyses REPORT TO: DAVID RAUBVOGEL SAME ADDRESS: 2025 197 AVE 576 500

SEATTLE, WA 9812 |

PHONE: 206-728-0744 | FAX: 206-721-3350 P.O. NUMBER:

PROJECT NAME: FOREST PARK CLEANERS | REQUI STD. Petroleum Hydrocarbon Analyses REQUESTED ANALYSES Please Specify **OTHER** PROJECT NUMBER: 28171-927 SAMPLED BY: KEVIN LUNDMARK *Turnaround Requests less than standard may incur Rush Charges. **CLIENT SAMPLE** SAMPLING MATRIX #OF NCA WO DATE/TIME **IDENTIFICATION** (W, S, O)CONT. COMMENTS ID 4/30/00 1540 1. FPC - 2 W 11/30/00/1630 FPC-9 N 5.FPC-95 430/00 12/1/00 6. FPC- 1 1020 W 12-1-00 7 FPL 10 S 1125 W 141/00 8. FPC - 10 D W 2 9. EPC - 5 1422 10. FPC-7 رہا 11. FPC - 4 1527 1 VIAL HAS 12. FPC- 3 1604 CRACKED LIN RELINQUISHED BY: VELTE Cundul RECEIVED BY: DATE: 12-1-00 MAKAMALIEL FIRM: PRINT NAME: KEVIN LUNDMARK FIRM: WR PRINT NAME: **RELINQUISHED BY:** RECEIVED BY: TIME: PRINT NAME: PRINT NAME: TIME: ADDITIONAL REMARKS: FLEASE REFER TO PROTECT FILE FOR SPECIFIC ANALYTICAL REGITS.



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March 22, 2001

URS-Dames & Moore Mr. David Raubvogel 2025 First Avenue #500 Seattle, WA 98121

Subject: Amended Report(s) for Work Order Number(s): B1C0022

Mr. Raubvogel:

It was recently determined that VOA vials prepared and distributed by North Creek Analytical (Bothell WA) from the period of 12 February 2001 to 12 March 2001 are suspect due to probable trace contamination of methylene chloride. The focus of the ensuing investigation was limited to water samples and trip blanks, since the source of the contamination was the hydrochloric acid used to preserve those vials. Unfortunately, samples associated with the aforementioned work order(s) appear to be affected. The contamination contributed by the preservative could account for up to 60 ug/L of methylene chloride reported for the samples in the affected work orders. Therefore, a new qualifier was applied to the previously reported methylene chloride results. An amended report is attached. In addition to issuing amended reports, corrective actions have been taken by North Creek Analytical to prevent a recurrence of this contamination.

North Creek Analytical regrets any inconvenience this may have caused. If you have any questions or need additional information, please contact either of us.

Sincerely,

North Creek Analytical

Scott Woerman

Project Manager

Dave Wunderlich

QA Manager



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

ANALYTICAL REPORT FOR SAMPLES

Laboratory ID	Matrix	Date Sampled	Date Received
B1C0022-01	Water	02/27/01 10:16	03/01/01 17:07
B1C0022-02	Water	02/27/01 11:45	03/01/01 17:07
B1C0022-03	Water	02/27/01 12:50	03/01/01 17:07
B1C0022-04	Water	02/27/01 14:57	03/01/01 17:07
B1C0022-05	Water	02/27/01 15:55	03/01/01 17:07
B1C0022-06	Water	02/27/01 17:03	03/01/01 17:07
B1C0022-07	Water	02/27/01 17:53	03/01/01 17:07
· B1C0022-08	Water	02/28/01 11:05	03/01/01 17:07
B1C0022-09	Water	02/28/01 11:57	03/01/01 17:07
B1C0022-10	Water	02/28/01 12:47	03/01/01 17:07
B1C0022-11	Water	02/28/01 14:40	03/01/01 17:07
B1C0022-12	Water	02/28/01 15:51	03/01/01 17:07
B1C0022-13	Water	02/27/01 12:00	03/01/01 17:07
	B1C0022-01 B1C0022-02 B1C0022-03 B1C0022-04 B1C0022-05 B1C0022-06 B1C0022-07 B1C0022-09 B1C0022-10 B1C0022-11 B1C0022-12	B1C0022-01 Water B1C0022-02 Water B1C0022-03 Water B1C0022-04 Water B1C0022-05 Water B1C0022-06 Water B1C0022-07 Water B1C0022-07 Water B1C0022-09 Water B1C0022-10 Water B1C0022-11 Water B1C0022-12 Water	B1C0022-01 Water 02/27/01 10:16 B1C0022-02 Water 02/27/01 11:45 B1C0022-03 Water 02/27/01 12:50 B1C0022-04 Water 02/27/01 14:57 B1C0022-05 Water 02/27/01 15:55 B1C0022-06 Water 02/27/01 17:03 B1C0022-07 Water 02/27/01 17:53 B1C0022-08 Water 02/28/01 11:05 B1C0022-09 Water 02/28/01 11:57 B1C0022-10 Water 02/28/01 12:47 B1C0022-11 Water 02/28/01 14:40 B1C0022-12 Water 02/28/01 15:51

North Creek Analytical - Bothell



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Rep Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-1 (B1C0022-01) Water									
Acetone Acetone	ND	5.00			1C07028	03/07/01	03/07/01	EDA 93/0D	
Acetone Benzene	ND	0.200	ug/l "	1	1C07028	03/07/01	03/07/01	EPA 8260B	
	ND	0.200	" U	" "	"	n	,,	11	
Bromobenzene Bromochloromethane		0.500	II	"	**	"	"	**	
	ND	0.200	"	"	17 tr	**	++ ++	11	
Bromodichloromethane	ND ND	0.200	"	"	,,	"	"		
Bromoform	ND ND		"	"	"	"	"	"	
Bromomethane	ND	2.00	" n	"	"	"	"	"	
2-Butanone	ND	2.00	rı +•	"	11	17	"	"	
n-Butylbenzene	ND	0.200	"	"	"	"	"	**	
sec-Butylbenzene	ND	0.200		"	"	"	u		
tert-Butylbenzene	ND	0.500	n					**	
Carbon disulfide	ND	0.500	"	n 	"		11	н	
Carbon tetrachloride	ND	0.200		"	"	**	"	11	
Chlorobenzene	ND	0.200	"						
Chloroethane	ND	1.00	"		"	**	"	"	
Chloroform	ND	0.200	**	"	"	**	**	"	
Chloromethane	ND	1.00	**	"					
2-Chlorotoluene	ND	0.500	"	"	"	**	"	**	
4-Chlorotoluene	ND	0.500	t7 	"	11	**		**	
Dibromochloromethane	ND	0.200	n	**	11	19	rr	11	
1,2-Dibromo-3-chloropropane	ND	0.500	H	"	"	Ħ	H .	Ħ	
1,2-Dibromoethane	ND	0.200	н	11	11	II	ü	Ħ	
Dibromomethane	ND	0.200	u u	Ħ	Ħ	"	H	**	
1,2-Dichlorobenzene	ND	0.200	11	Ħ	**	н	Ħ	н	
1,3-Dichlorobenzene	ND	0.200	II	**	**	"	n	11	
1,4-Dichlorobenzene	ND	0.200	н	H	"	11	n	н	
Dichlorodifluoromethane	ND	0.500	*1	n	11	**	n	11	
1,1-Dichloroethane	ND	0.200	11	u	11	**	11	*1	
1,2-Dichloroethane	ND	0.200	n	11	Ħ	17	n	**	
1,1-Dichloroethene	ND	0.200	11	11	ti	tt	n	11	
cis-1,2-Dichloroethene	0.212	0.200	17	"	н	11	Ħ	**	
trans-1,2-Dichloroethene	ND	0.200	**	**	ŧi	ti	**	**	
1,2-Dichloropropane	ND	0.200	н	**	"	II	**	**	
1,3-Dichloropropane	ND	0.200	n	**	•	n	**	**	
2,2-Dichloropropane	ND	0.500	u	н	п	u	tr	•	
1,1-Dichloropropene	ND	0.200	11	u	**	n	н	II .	
cis-1,3-Dichloropropene	ND	0.200	н	11	**	u	u	п	
trans-1,3-Dichloropropene	ND	0.200	11	11	tt	**	**	II	
·	_ 								

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Reporting	_					·	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-1 (B1C0022-01) Water	Sampled: 02/27/01 10:1	6 Receive	ed: 03/01/01	17:07	-				
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	11	ŧi	t)	n	et	н	
2-Hexanone	ND	2.00	11	u	le .	н		H	
Isopropylbenzene	ND	0.500	**	**	**	"	"	n	
p-Isopropyltoluene	ND	0.200	"	***	11	n	19	Ħ	
Methylene chloride	6.30	5.00	17	**	**	**	17	m	A-01
4-Methyl-2-pentanone	ND	2.00	**	u	**	Ħ	**	н	
Naphthalene	ND	0.500	II .	11	11	н	n	II .	
n-Propylbenzene	ND	0.500	n	"	II .	II.	п	11	
Styrene	ND	0.500	u	11	н	n	Ħ	"	
1,1,1,2-Tetrachloroethane	ND	0.200	11	Ħ	н	**	Ħ	Ħ	
1,1,2,2-Tetrachloroethane	ND	0.500	**	e	н	tr	n	n	
Tetrachloroethene	ND	0.200	tt.	н	19	u	**	n	
Toluene	ND	0.200	U	11	п	H	H .	11	
1,2,3-Trichlorobenzene	ND	0.200	· ·	11	n	u	u	н	
1,2,4-Trichlorobenzene	ND	0.200	17	Ħ	н	**	11	17	
1,1,1-Trichloroethane	ND	0.200	**	11	#	**	**	**	
1,1,2-Trichloroethane	ND	0.200	ee .	11	**	t7	tt	"	
Trichloroethene	ND	0.200	н	n	н	ū	#	п	
Trichlorofluoromethane	ND	0.500	u	u	Ħ	U	II .	н	
1,2,3-Trichloropropane	ND	0.500	11	н	u	11	11	n .	
1,2,4-Trimethylbenzene	ND ND	0.200	17	н	u	11	II .	**	
1,3,5-Trimethylbenzene	ND	0.500	**	**	**	**	11	17	
Vinyl chloride	ND	0.200	17	**	13	**	σ	**	
m,p-Xylene	ND	0.500	17	п	**	**	11	н	
o-Xylene	ND	0.250	tt	11	**	11	**	10	
Surrogate: 1,2-DCA-d4	,,,,,,	77-133			"	"	"	"	
Surrogate: Toluene-d8		80-120			#	"	"	"	
Surrogate: 4-BFB	102 %	80-120			#	"	"	"	

North Creek Analytical - Bothell

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Dames and Moore- Seattle

Seattle WA, 98121

500 Market Place Tower, 2025 1st Ave

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	Re	porting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-4 (B1C0022-02) Water	Sampled: 02/27/01 11:45	Receive	d: 03/01/01	17:07					
Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Benzene	0.275	0.200	11	н	11	11	11	11	
Bromobenzene	ND	0.500	17	II .	17	11	**	Ħ	
Bromochloromethane	ND	0.200	**	19	11	Ħ	"	if .	
Bromodichloromethane	ND	0.200	н	**		u ·	n	u	
Bromoform	ND	0.200	Ħ	н	**	II	π	11	
Bromomethane	ND	2.00	11	tt	#	**	n	**	
2-Butanone	ND	2.00	11	11	н	**	n	11	
n-Butylbenzene	ND	0.200	**	11	Ħ	17	#	**	
sec-Butylbenzene	ND	0.200	tt.	11	n	**	**	n	
tert-Butylbenzene	ND	0.500	n	17	н	н		***	
Carbon disulfide	ND	0.500	n	17	**	11	ır	н	
Carbon tetrachloride	ND	0.200	"	**	**	n	H	*1	
Chlorobenzene	ND	0.200	II .	Ħ	**	n	11	11	
Chloroethane	ND	1.00	**	u	**	Ħ	11	**	
Chloroform	ND	0.200	**	U	**	**	n	27	
Chloromethane	ND	1.00	**	Ħ	n	н	"	**	
2-Chlorotoluene	ND	0.500	Ħ	n	11	tr	**	tı	
4-Chlorotoluene	ND	0.500	II .	n	**	u	11	tt	
Dibromochloromethane	ND	0.200	н	н	**	41	H	*1	
1,2-Dibromo-3-chloropropane	ND	0.500	и .	n	Ħ	**	u u	и	
1,2-Dibromoethane	ND	0.200	•	Ħ	"	n	11	**	
Dibromomethane	ND	0.200	11	H	н	tf	••	**	
1,2-Dichlorobenzene	ND	0.200	**	"	11	**	**	***	
1,3-Dichlorobenzene	ND	0.200	н	"	11	tr	"	tt	
1,4-Dichlorobenzene	ND	0.200	. 11	**	**	ti .	n	u	
Dichlorodifluoromethane	ND	0.500	Ü	H	11	11	n	u	
1,1-Dichloroethane	ND	0.200	Ħ	н	**	н	u	u	
1,2-Dichloroethane	ND	0.200	11	ıı	**	•	II	11	
1,1-Dichloroethene	ND	0.200	#	n	н	."	11	11	
cis-1,2-Dichloroethene	1.44	0.200	"	"	H	"	"	**	
trans-1,2-Dichloroethene	ND	0.200	"	"	ti	N	"	"	
1,2-Dichloropropane	ND	0.200	II .	**	11	ú	11	**	
1,3-Dichloropropane	ND	0.200	11	11	11	11	11	tt	
2,2-Dichloropropane	ND	0.500	**	н	"	**	u	11	
1,1-Dichloropropene	ND	0.200	*	11	**	**	n	•	
cis-1,3-Dichloropropene	ND	0.200	**	11	er	H	**	**	
trans-1,3-Dichloropropene	ND	0.200	IT	11	11	n	e 7	**	

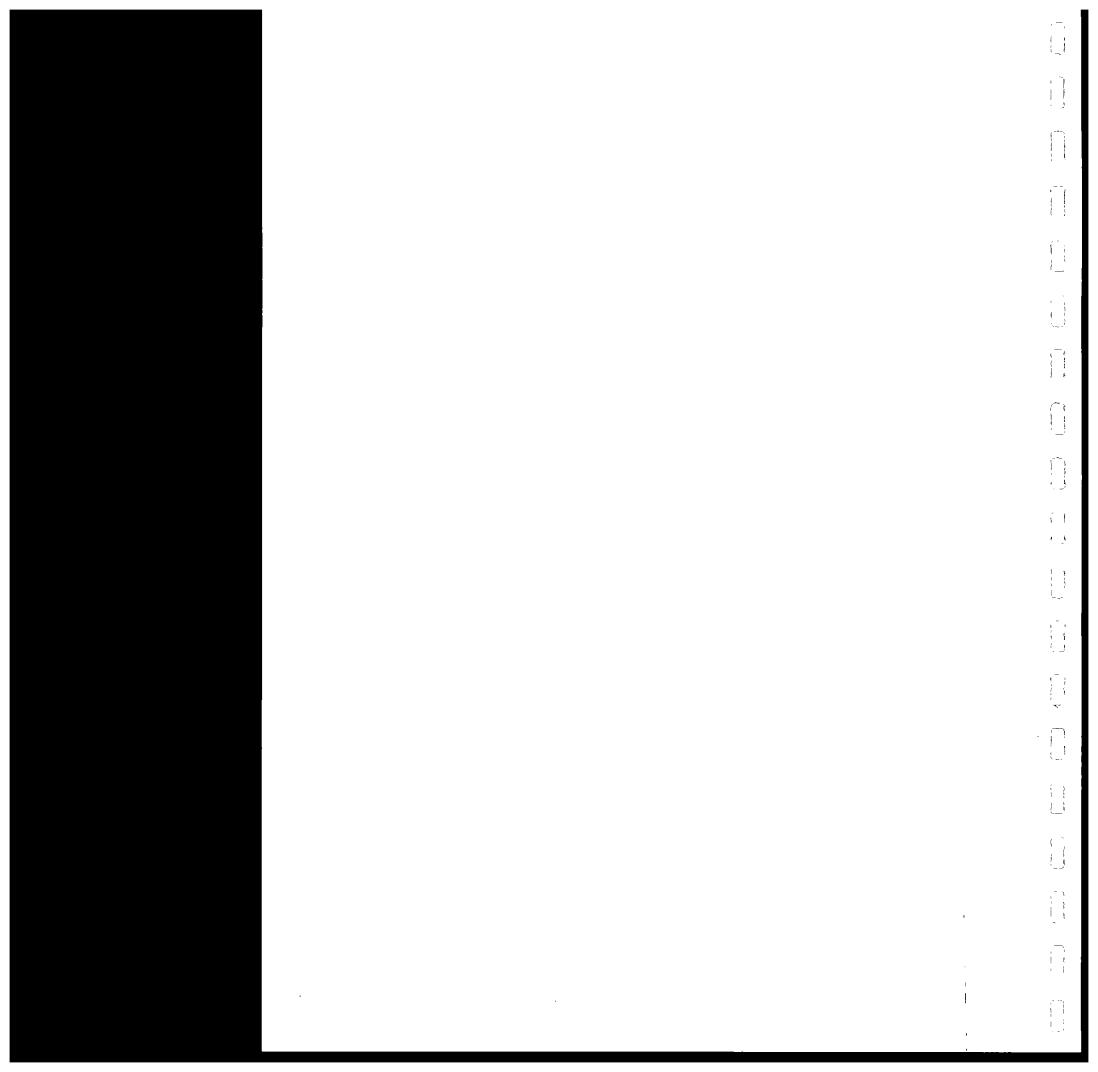
North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**

Page 4 of 34





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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

,		R	eporting							
į	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-4 (B1C0022-02) Water	Sampled: 02/27/01 11:4	5 Receive	ed: 03/01/01	1 17:07					
	Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
,	Hexachlorobutadiene	ND	0.500	**	11	**	ıı .	**	n	
	2-Hexanone	ND	2.00	n	**	**	n	11	**	
ſ	Isopropylbenzene	ND	0.500	**	**	*	п	Ħ	"	
	p-Isopropyltoluene	ND	0.200	11	tt	n	11	n	**	
	Methylene chloride	5.61	5.00	**	u	**	υ.	H	"	A-01
	4-Methyl-2-pentanone	45.8	2.00	H	11	ti	n	n	n	
	Naphthalene	ND	0.500	н	u	u	11	n	Ħ	
	n-Propylbenzene	ND	0.500	u	#	n	**	"	n .	
	Styrene	ND	0.500	"	**	11	**			
ŀ	1,1,1,2-Tetrachloroethane	ND	0.200	11	rr ·	11	tt	**	n	
	1,1,2,2-Tetrachloroethane	ND	0.500	n	n	11	et	n	11	
	Tetrachloroethene	ND	0.200	"	n	n	u	**	11	
r	Toluene	ND	0.200	n	u	***		Ħ	n	
	1,2,3-Trichlorobenzene	ND	0.200	11	a	**	n	"	**	
	1,2,4-Trichlorobenzene	ND	0.200	n	u	**	11	tt.	n	
	1,1,1-Trichloroethane	ND	0.200	**	H	11	H	н	**	
	1,1,2-Trichloroethane	ND	0.200	n	11	tt	**	u	n n	
1	Trichloroethene	ND	0.200	u	"	ti	n	n	н	
	Trichlorofluoromethane	ND	0.500	n	**	n	**	n	n	
	1,2,3-Trichloropropane	ND	0.500	· ·	11	17	tr	n	11	
	1,2,4-Trimethylbenzene	ND	0.200	**	Ħ	11	"	#	11	
	1,3,5-Trimethylbenzene	ND	0.500	H	11	11	Ħ	11	. 10	
	Vinyl chloride	0.775	0.200	11	tr	**	н	**	†1	
,	m,p-Xylene	ND	0.500	. "	If	tf	Ħ	#	41	
	o-Xylene	ND	0.250	**	Ħ	**	п	*	**	
	Surrogate: 1,2-DCA-d4	99.0 % 7	7-133			"	"	"	"	
1	Surrogate: Toluene-d8	103 % 8	80-120			**	"	"	"	
,	Surrogate: 4-BFB	102 % 8	80-120			"	"	"	"	

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Reporting Result Limit Units Dilution Batch Prepared Analyzed Method No
Acetone ND 5.00 ug/l 1 1C07028 03/07/01 03/07/01 EPA 8260B
Benzene ND 0.200 " " " " " "
Bromobenzene ND 0.500 " " " " " "
Bromochloromethane ND 0.200 " " " " " " "
Bromodichloromethane ND 0.200 " " " " " "
Bromoform ND 0.200 " " " " " "
Bromomethane ND 2.00 " " " " " "
2-Butanone ND 2.00 " " " " " "
n-Butylbenzene ND 0.200 " " " " " " "
sec-Butylbenzene ND 0.200 " " " " " "
tert-Butylbenzene ND 0.500 " " " " " " "
Carbon disulfide ND 0.500 " " " " " "
Carbon tetrachloride ND 0.200 " " " " " " "
Chlorobenzene ND 0.200 " " " " " " "
Chloroethane ND 1.00 " " " " " " "
Chloroform ND 0.200 " " " " " "
Chloromethane ND 1.00 " " " " " " "
2-Chlorotoluene ND 0.500 " " " " " "
4-Chlorotoluene ND 0.500 " " " " " "
Dibromochloromethane ND 0.200 " " " " " " "
1,2-Dibromo-3-chloropropane ND 0.500 " " " " " " " "
1,2-Dibromoethane ND 0.200 " " " " " "
Dibromomethane ND 0.200 " " " " " "
1,2-Dichlorobenzene ND 0.200 " " " " " " "
1,3-Dichlorobenzene ND 0.200 " " " " " " "
1,4-Dichlorobenzene ND 0.200 " " " " " " "
Dichlorodifluoromethane ND 0.500 " " " " " "
1,1-Dichloroethane ND 0.200 " " " " " "
1,2-Dichloroethane ND 0.200 " " " " " " "
1,1-Dichloroethene ND 0.200 " " " " " " "
cis-1,2-Dichloroethene ND 0.200 " " " " " "
trans-1,2-Dichloroethene ND 0.200 " " " " " " "
1,2-Dichloropropane ND 0.200 " " " " " " "
1,3-Dichloropropane ND 0.200 " " " " " " "
2,2-Dichloropropane ND 0.500 " " " " " " "
1,1-Dichloropropene ND 0.200 " " " " " " "
cis-1,3-Dichloropropene ND 0.200 " " " " " "
trans-1,3-Dichloropropene ND 0.200 " " " " " " "

North Creek Analytical - Bothell



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Dames and Moore- Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

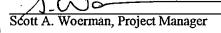
Seattle WA, 98121

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-5 (B1C0022-03) Water	Sampled: 02/27/01 12:5	50 Receive	ed: 03/01/0	1 17:07					
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	**	Ħ	**	11	**	Ħ	
2-Hexanone	ND	2.00	**	Ħ	**	#	**	n	
Isopropylbenzene	ND	0.500	**	H	н	*	**	n	
p-Isopropyltoluene	ND	0.200	Ħ	11	"	*	**	"	
Methylene chloride	9.51	5.00	н	11	п	Ħ	tt	**	A-01
4-Methyl-2-pentanone	ND	2.00	u	**		н	tt	47	
Naphthalene	ND	0.500	ıı	**		n	n	n	
n-Propylbenzene	ND	0.500	н	n	11	н		II.	
Styrene	ND	0.500	11	"	*1	11	u	u u	
1,1,1,2-Tetrachloroethane	ND	0.200	**	ıı	*7	11	11	II .	
1,1,2,2-Tetrachloroethane	ND	0.500	**	н	17	n	н	ti	
Tetrachloroethene	0.280	0.200	11	н	**	**	**	17	
Toluene	ND	0.200		u u	"	n	11	u	
1,2,3-Trichlorobenzene	ND	0.200	u	11	ŧı	•	**	47	
1,2,4-Trichlorobenzene	ND	0.200	**	"	Ħ	**	**	"	
1,1,1-Trichloroethane	ND	0.200		11	11		**	**	
1,1,2-Trichloroethane	ND	0.200		11	11	H	tt	**	
Trichloroethene	ND	0.200	11	**	**	н	11	**	
Trichlorofluoromethane	ND	0.500	H	"	77	"	н	11	
1,2,3-Trichloropropane	ND	0.500	11	**	11	n	H	**	
1,2,4-Trimethylbenzene	ND	0.200	**	**	11	17	н	Ħ	
1,3,5-Trimethylbenzene	ND	0.500	77	**	"	**	н	н	
Vinyl chloride	ND	0.200	**	u	11	**	n	11	
m,p-Xylene	ND	0.500	17	"	17	**	**	н	
o-Xylene	ND	0.250	**	n	u	**	11	11	
Surrogate: 1,2-DCA-d4	100 %	77-133			"	"	"	"	
Surrogate: Toluene-d8		80-120			"	"	"	"	
Surrogate: 4-BFB	104 %	80-120			"	"	u	"	
J									

North Creek Analytical - Bothell





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Dames and Moore- Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

F		Reporting	_						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B1C0022-04) Water	Sampled: 02/27/01	14:57 Rece	ived: 03/0	L/01 17:07					
Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Benzene	ND	0.200	b	**	11	11	**	н	
Bromobenzene	ND	0.500	п	Ħ	II	**	**	н	
Bromochloromethane	ND	0.200	11	tt	11		ee	**	
Bromodichloromethane	ND	0.200	"	n	tt	п	**	*1	
Bromoform	ND	0.200	11	п	n	u	tt	PT .	
Bromomethane	ND	2.00	Ħ	н	**	n	ti	n	
2-Butanone	ND	2.00	#	н	**	Ħ	n .	n	
n-Butylbenzene	ND	0.200	*	11	н	н	11	н	
sec-Butylbenzene	ND	0.200	n	н	н	11	и	н	
tert-Butylbenzene	ND	0.500	Ħ		u	"	**	II.	
Carbon disulfide	ND	0.500	u	"	**	**	**	**	
Carbon tetrachloride	ND	0.200	II.	**	U	**	17	u	
Chlorobenzene	ND	0.200	n	**	н	11	11	"	
Chloroethane	ND	1.00	H	H		"	11	11	
Chloroform	ND	0.200	n	11	17	n	11	n	
Chloromethane	ND	1.00	ıı	**	17	н	п	"	
2-Chlorotoluene	ND	0.500	**	"	**	Ħ	tr	n	
4-Chlorotoluene	ND	0.500	11	H	**	n	н	"	
Dibromochloromethane	ND	0.200	**	н		n	n	**	
1,2-Dibromo-3-chloropropane	ND	0.500	**	п	tr	н	H	**	
1,2-Dibromoethane	ND	0.200	**	11	**	11	u	n	
Dibromomethane	ND	0.200	**	H	19	••	n	**	
1,2-Dichlorobenzene	ND	0.200	71	u	**	••	11	11	
1,3-Dichlorobenzene	ND	0.200	Ħ	n	**	**	H	н .	
1,4-Dichlorobenzene	ND	0.200	n	11	ŧı	**	**	U	
Dichlorodifluoromethane	ND	0.500	u	*1	Ħ	n	11	11	
1,1-Dichloroethane	ND	0.200	н	*11	ti	**	**	II .	
1,2-Dichloroethane	ND	0.200	н	11	11	t*	**	"	
1,1-Dichloroethene	ND	0.200	и	11			17	**	
cis-1,2-Dichloroethene	ND	0.200	11	tt.	п	17	#1	**	
trans-1,2-Dichloroethene	ND	0.200	Ħ	n		**	**	"	
1,2-Dichloropropane	ND	0.200	**	н	#	н	n	H	
1,3-Dichloropropane	ND	0.200	**	**	#	н	tt	n	
2,2-Dichloropropane	ND	0.500	**	u	**	11	н	rr	
1,1-Dichloropropene	ND	0.200	"	•	11	11	н	11	
cis-1,3-Dichloropropene	ND	0.200	н	11	**	"	"	и	
trans-1,3-Dichloropropene	ND	0.200	u	**	ıı	**	***	n	
and 1,5 Diemoroproporte	ALD.	0.200							

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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 53-28171927.00

Reported:

Seattle WA, 98121

Project Manager: David Raubvogel

03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B1C0022-04) Water	Sampled: 02/27/01	14:57 Rece	ived: 03/01	1/01 17:07	-				
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	t†	"	**	"	**	Ħ	
2-Hexanone	ND	2.00	tf	n	r	**	**	tr	
Isopropylbenzene	ND	0.500	11	n	н	#	11	77	*
p-Isopropyltoluene	ND	0.200	н	**	п	+	н	п	
Methylene chloride	10.7	5.00		n	11	н		u	A-01
4-Methyl-2-pentanone	ND	2.00	11	· ·	77	н	11	u	
Naphthalene	ND	0.500	· ·	н	**	н	11	n .	
n-Propylbenzene	ND	0.500	**	Ħ	77	n n	77	n	
Styrene	ND	0.500	17	н	"	н	**	п	
1,1,1,2-Tetrachloroethane	ND	0.200	18	**	u	**	ti	**	
1,1,2,2-Tetrachloroethane	ND	0.500	tr	**	*1	n	Ħ	н	
Tetrachloroethene	ND	0.200	II .	н	u	*	"	u	
Toluene	ND	0.200	n	Ħ	11	n	н	н	
1,2,3-Trichlorobenzene	ND	0.200	"	**	11	tt	11	11	
1,2,4-Trichlorobenzene	ND	0.200	11	· ·	17	n	"	n	
1,1,1-Trichloroethane	ND	0.200	11	II .	11	II .	tr	n	
1,1,2-Trichloroethane	ND	0.200	11	u	u	μ	11	11	
Trichloroethene	ND	0.200	17	11	н	11	**	Ħ	
Trichlorofluoromethane	ND	0.500	17	**	n	11	rt	11	
1,2,3-Trichloropropane	ND	0.500	11	**	11	Ħ	**	Ħ	
1,2,4-Trimethylbenzene	ND	0.200	II .	**	н	**	n .	u	
1,3,5-Trimethylbenzene	ND	0.500	н	ti	11	Ħ	11	11	
Vinyl chloride	ND	0.200		ti	n	u	11	**	
m,p-Xylene	ND	0.500	Ħ	u	**	n	**	19	
o-Xylene	ND	0.250	**	u	#	"	**	**	
Surrogate: 1,2-DCA-d4	101 %	77-133			"	"	"	"	
Surrogate: Toluene-d8	104 %	80-120			"	"	"	"	
Surrogate: 4-BFB	107 %	80-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Reporting										
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
FPC-10S (B1C0022-05) Water	Sampled: 02/27/01	15:55 Recei	ived: 03/01	/01 17:07					· · · · · · · · · · · · · · · · · · ·	
Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B		
Benzene	ND	0.200	**	**	11	r	**	17		
Bromobenzene	ND	0.500	Ħ	11	**	11	Ħ	Ħ		
Bromochloromethane	ND	0.200	"	77	17	н	п	н		
Bromodichloromethane	ND	0.200	n	**	n	н	n	п		
Bromoform	ND	0.200	11	11	н	н	"	ti		
Bromomethane	ND	2.00	**	11	H	**	Ħ	11		
2-Butanone	ND	2.00	Ħ	11	н	II .	47	11		
n-Butylbenzene	ND	0.200	•	"	"	n	#	**		
sec-Butylbenzene	ND	0.200		H	41	n	tf.	11		
tert-Butylbenzene	ND	0.500	u	11	"	н	**	"		
Carbon disulfide	ND	0.500	11	11	**	Ħ	n	ti		
Carbon tetrachloride	ND	0.200		n	**	u	n	n		
Chlorobenzene	ND	0.200	n	11	**	U		н		
Chloroethane	ND	1.00	**	17	**	. 11	**	11		
Chloroform	ND	0.200	**	**	**	n	**	**		
Chloromethane	ND	1.00	**	10		11	**	**		
2-Chlorotoluene	ND	0.500	11	11	10	**		19		
4-Chlorotoluene	ND	0.500	n	u	11	**	tr	**		
Dibromochloromethane	ND	0.200	n	n	"	**	tt	"		
1,2-Dibromo-3-chloropropane	ND	0.500	n	11	11	**	н	н		
1,2-Dibromoethane	ND	0.200	н	Ü	**	н	ш	u		
Dibromomethane	ND	0.200	11	**	11	11	11	n n		
1,2-Dichlorobenzene	ND	0.200	11	"	**	11	n	H		
1,3-Dichlorobenzene	ND	0.200	11	11	н		••	TI .		
1,4-Dichlorobenzene	ND	0.200	11	**	и	Ħ	**	"		
Dichlorodifluoromethane	ND	0.500	11		11	11	**	#		
1,1-Dichloroethane	ND	0.200	**	н		**	n			
1,2-Dichloroethane	ND	0.200	**	11	"	н	u	tr		
1,1-Dichloroethene	ND	0.200	Ħ	**	77	**	n	u		
cis-1,2-Dichloroethene	1.70	0.200	u	11	**	N	tr .	u		
trans-1,2-Dichloroethene	ND	0.200	U	"	**	n	11	11		
1,2-Dichloropropane	ND	0.200	n	11	n	11	11	**		
1,3-Dichloropropane	ND	0.200	и -	n	11	U	11	н		
2,2-Dichloropropane	ND	0.500	**	**	n	u	11	**		
1,1-Dichloropropene	ND	0.200	**	н	11	••	n	e		
cis-1,3-Dichloropropene	ND	0.200	17	ш	и	**	"	н		
trans-1,3-Dichloropropene	ND	0.200	**	**	**	н	H	11		
,FF										

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

ţ		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10S (B1C0022-05) Water	Sampled: 02/27/01	15:55 Recei	ved: 03/01	/01 17:07					
Ethylbenzene	ND	0.200	ug/I	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	**	h	**	**	н	· ·	
2-Hexanone	ND	2.00	17	Ħ	17	**	u .	u ·	
Isopropylbenzene	ND	0.500	**	u	71	11	**	11	
p-Isopropyltoluene	ND	0.200	ff	H	п	11	11	19	
Methylene chloride	ND	5.00	#	n	**	"	**	11	
4-Methyl-2-pentanone	ND	2.00	n	**		11	**	**	
Naphthalene	ND	0.500	н	**	II .	11	Ħ	**	
n-Propylbenzene	ND	0.500	п	11	11	tī	11	17	
Styrene	ND	0.500	**	n	н	12	н	19	
1,1,1,2-Tetrachloroethane	ND	0.200	n	u	n	**	m .	17	
1,1,2,2-Tetrachloroethane	ND	0.500	11	u	17	n	п	**	
Tetrachloroethene	ND	0.200	n	II .	17	н	н	17	
Toluene	ND	0.200	n	u	Ħ	u	н	11	
1,2,3-Trichlorobenzene	ND	0.200	**	**	н	и	**	11	
1,2,4-Trichlorobenzene	ND	0.200	"	ıı	"	u	**	II .	
1,1,1-Trichloroethane	ND	0.200	u	**	H	"	Ħ	11	
1,1,2-Trichloroethane	ND	0.200	h	"	н	n	н	*1	
Trichloroethene	1.05	0.200	п	"	11	**	11	*1	
Trichlorofluoromethane	ND	0.500	11	u	Ħ	**	IT .	**	
1,2,3-Trichloropropane	ND	0.500	**	н	17	H	11	77	
1,2,4-Trimethylbenzene	ND ·	0.200	11	· ·	**	н	11	**	
1,3,5-Trimethylbenzene	ND	0.500	**	н	**	**	n	tt .	
Vinyl chloride	1.74	0.200	11	"	tt	11	11	It .	
m,p-Xylene	ND	0.500	"	17	н	н	11	11	
o-Xylene	ND	0.250	"	"	н	11	**	**	
Surrogate: 1,2-DCA-d4	108 %	77-133			"	"	#	#	
Surrogate: Toluene-d8	107 %	80-120			"	"	"	#	
Surrogate: 4-BFB	108 %	80-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9S (B1C0022-06) Water	Sampled: 02/27/01	17:03 Receiv	ved: 03/01/0	01 17:07					
Acetone	ND	5.00	ug/l	I	1C07028	03/07/01	03/07/01	EPA 8260B	
Benzene	ND	0.200	#	**	u	п	Ħ	11	
Bromobenzene	ND	0.500	u	Ħ	11	**	**	11	
Bromochloromethane	ND	0.200	n .	н	π.	**	н	11	
Bromodichloromethane	ND	0.200	#	н	47	er	11	**	
Bromoform	ND	0.200	**	"	**	Ħ	"	11	
Bromomethane	ND	2.00	11	н	н	Ħ	**	"	
2-Butanone	ND	2.00	17	11	"	ti	17	11	
n-Butylbenzene	ND	0.200	**	11	"	"	**	II .	
sec-Butylbenzene	ND	0.200	11	**	Ħ	11	tt	п	
tert-Butylbenzene	ND	0.500	u	н	14	**	н	u	
Carbon disulfide	ND	0.500	н	н	**	**	n	**	
Carbon tetrachloride	ND	0.200	**	н	**	Ħ	11	**	
Chlorobenzene	ND	0.200	**	n n	н	u	11	tt	
Chloroethane	ND	1.00		ıı	n	n	**	Ir .	
Chloroform	ND	0.200	**	"	u u	n	***	u	
Chloromethane	ND	1.00	Ħ	**	н	**	u	n	
2-Chlorotoluene	ND	0.500	**	n	H	**	11	"	
4-Chlorotoluene	ND	0.500	0	n	#	11	11	"	
Dibromochloromethane	ND	0.200		н	**	**	11	17	
1,2-Dibromo-3-chloropropane	ND	0.500	"	и	•	н	н	**	
1,2-Dibromoethane	ND	0.200	**	11	H	II .	**	п	
Dibromomethane	ND	0.200	ır	t1	u	н	**	ti	
1,2-Dichlorobenzene	ND	0.200	**	11	н	**	n	n	
1,3-Dichlorobenzene	ND	0.200	Ħ	**	11	**	11	**	
1,4-Dichlorobenzene	ND	0.200		tt	**	11	11	н	
Dichlorodifluoromethane	ND	0.500	**	**	Ħ	tt	n	tt	
1,1-Dichloroethane	ND	0.200	••	н	"	Ħ	**	n	
1,2-Dichloroethane	ND	0.200	**	11	Ħ	11	н	1F	
1,1-Dichloroethene	ND	0.200	tt	11	н	Ħ	11	н	
cis-1,2-Dichloroethene	0.450	0.200	es	tt	Ħ	**	**	**	
trans-1,2-Dichloroethene	ND	0.200	а	#	u	**	н	11	
1,2-Dichloropropane	ND	0.200	11	n	17	t†	n	n	
1,3-Dichloropropane	ND	0.200	н	n	tt	н	n	tf	
2,2-Dichloropropane	ND	0.500	11	n	**	u	11	u	
1,1-Dichloropropene	ND	0.200	"		n	н	"	a	
cis-1,3-Dichloropropene	ND	0.200	"	tr	u	**	**	**	
100111	3.775	0.000	-						

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ND

0.200

trans-1,3-Dichloropropene



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

ì			Reporting			•				1
j	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-9S (B1C0022-06) Water	Sampled: 02/27/01	17:03 Receiv	ed: 03/01/	01 17:07					
1	Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
1	Hexachlorobutadiene	ND	0.500	IT	u	11	n	n	11	
	2-Hexanone	ND	2.00	11	tt	11	IJ	"	n	
1	Isopropylbenzene	ND	0.500	•17	11	41	"	**	n	
1	p-Isopropyltoluene	ND	0.200	tt	**	н	17	17	Ħ	
	Methylene chloride	7.60	5.00	"	**	79	"	tt	**	A-01
ì	4-Methyl-2-pentanone	ND	2.00	H	11	17	**	u	tr .	
į	Naphthalene	ND	0.500	U	н	**	н	u	**	
	n-Propylbenzene	ND	0.500	11	11	II	11	***	**	
	Styrene	ND	0.500	**	11	u	11	"	*1	
	1,1,1,2-Tetrachloroethane	ND	0.200	**	n	"	11	17	17	
ì	1,1,2,2-Tetrachloroethane	ND	0.500	ti	11	11	**	"	H	
	Tetrachloroethene	ND	0.200	u u	**	**	Ħ	n	11	
	Toluene	ND	0.200	11	**	н	u	n	D.	
	1,2,3-Trichlorobenzene	ND	0.200	II .	н	u	u	Ħ	11	
	1,2,4-Trichlorobenzene	ND	0.200	11	tt	10	11	#	11	
	1,1,1-Trichloroethane	ND	0.200	**	11	11	**	17	**	
ķ	1,1,2-Trichloroethane	ND	0.200	17	H	II .	**	tt.	11	
ì	Trichloroethene	ND	0.200	17	11	11	11	н	tt	
	Trichlorofluoromethane	ND	0.500	11	**	11	**	"	n	
í	1,2,3-Trichloropropane	ND	0.500	Ħ	"	11	Ħ	н	11	
•	1,2,4-Trimethylbenzene	ND	0.200	II .	**	11	"	11	11	
,	1,3,5-Trimethylbenzene	ND	0.500	**	rt	ri	tr .	11	Ħ	
	Vinyl chloride	2.47	0.200	*1	ti	"	**	**	tt.	
	m,p-Xylene	ND	0.500	*1	ti	11	**	**	**	
	o-Xylene	ND	0.250	11	**	n	**	n	lt .	
	Surrogate: 1,2-DCA-d4	107 %	77-133			"	"	"	"	
	Surrogate: Toluene-d8	104 %	80-120			"	"	"	a.	
	Surrogate: 4-BFB	101 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Dames and Moore-Seattle

Project: Forest Park Cleaners

Spokane

500 Market Place Tower, 2025 1st Ave

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Seattle WA, 98121

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Reporting					-		
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B1C0022-07) Water	Sampled: 02/27/01	17:53 Receiv	ved: 03/01/	01 17:07					
Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	-
Benzene	ND	0.200	11	**	v	u	н	· ·	
Bromobenzene	ND	0.500	**	**	"	**	11	11	
Bromochloromethane	ND	0.200	"	n	**	**	**	"	
Bromodichloromethane	ND	0.200	"	II .		**	11	*	
Bromoform	ND	0.200	11	11	"	**	**	Ħ	
Bromomethane	ND	2.00	11	**		п	tt	11	
2-Butanone	ND	2.00	11	**	11	II	н	n	
n-Butylbenzene	ND	0.200	**	**	11	н	n	II .	
sec-Butylbenzene	ND	0.200	**	tt	n	**	**	11	
tert-Butylbenzene	ND	0.500	tt	n	Ħ	**	#	"	
Carbon disulfide	ND	0.500	н	11	н	"	17	17	
Carbon tetrachloride	ND	0.200	"	**	"	u u	•	11	
Chlorobenzene	ND	0.200	n	**	11	п	ti	H.	
Chloroethane	ND	1.00	**		**	**	n	n	
Chloroform	ND	0.200	*1	n	"	**	n	**	
Chloromethane	ND	1.00	Ħ	U	n	11	•	11	
2-Chlorotoluene	ND	0.500	н	u	tt	10	•	**	
4-Chlorotoluene	ND	0.500	н	77	11	11	n	11	
Dibromochloromethane	ND	0.200	11	**	**	н	н	tt.	
1,2-Dibromo-3-chloropropane	ND	0.500	**	**	Ħ	н	н	n	
1,2-Dibromoethane	ND	0.200	11	19	**	**	11	II .	
Dibromomethane	ND	0.200	н	11	н	ti.	**	••	
1,2-Dichlorobenzene	ND	0.200	н	*1	n	tr.	**	**	
1,3-Dichlorobenzene	ND	0.200		**	11	н	**	**	
1,4-Dichlorobenzene	ND	0.200	11	**	11	**	"	u	
Dichlorodifluoromethane	ND	0.500	**	11	11	**	11	**	
1,1-Dichloroethane	ND	0.200	**	re	**	**	**	n	
1,2-Dichloroethane	ND	0.200	**	11	n	Ħ	**	11	
1,1-Dichloroethene	ND	0.200	n	. "	H	H	"	tt	
cis-1,2-Dichloroethene	0.238	0.200	н	**	n	**	**	**	
trans-1,2-Dichloroethene	ND	0.200	11	t 1		II		tt	
1,2-Dichloropropane	ND	0.200	**	n	11	**	п	1f	
1,3-Dichloropropane	ND	0.200	**	**	11	"	11	11	
2,2-Dichloropropane	ND	0.500	11	. 11	**	**	**	11	
1,1-Dichloropropene	ND	0.200	11		н	ıı	**	11	
cis-1,3-Dichloropropene	ND ND	0.200	"	**	н	"	tr	Ħ	
trans-1,3-Dichloropropene	ND ND	0.200	n	11	**	11		11	
uans-1,3-Dictionopropene	ND	0.200			**	**	••		

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Dames and Moore-Seattle

Project: Forest Park Cleaners

Project Number: 53-28171927.00

Reported: 03/22/01 13:55

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Manager: David Raubvogel

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

!	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-9D (B1C0022-07) Water	Sampled: 02/27/01	17:53 Receiv	ved: 03/01/	01 17:07		-			
]	Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
]	Hexachlorobutadiene	ND	0.500	н	11	**	17	11	tf	
2	2-Hexanone	ND	2.00	11	**	11	**	41	17	
, 1	Isopropylbenzene	ND	0.500	11	**	u	11	"	11	
	o-Isopropyltoluene	ND	0.200	**	ts	п	*1	"	11	
1	Methylene chloride	6.04	5.00	**	ti .	**	**	**	n	A-01
. 4	1-Methy1-2-pentanone	ND	2.00	н	п	11	11	n	#1	
ו ו	Naphthalene	ND	0.500	u	n	11	**	II .	**	
1	n-Propylbenzene	ND	0.500	u	n	Ħ	n	**	n	
5	Styrene	ND	0.500	11	47	н	11	**	te	
	1,1,1,2-Tetrachloroethane	ND	0.200	tt	tt	**	n	**	u u	
	1,1,2,2-Tetrachloroethane	ND	0.500	17	n	n	**	**	u u	
7	Tetrachloroethene	ND	0.200	и	"	**	**	**	**	
, :	Foluene	ND	0.200	**	II.	17	17	**	**	
•	1,2,3-Trichlorobenzene	ND	0.200	II	11	17	U	u	TT TT	
	1,2,4-Trichlorobenzene	ND	0.200	n	11	n	н	**	**	
	1,1,1-Trichloroethane	ND	0.200	17	н	ш	H	**	"	
. 1	1,1,2-Trichloroethane	ND	0.200	17	Ħ	**	н	**	н	
	Trichloroethene	ND	0.200	н	н	**	**	**	11	
1	richlorofluoromethane	ND	0.500	u	n	**	**	17	11	
1	1,2,3-Trichloropropane	ND	0.500	11	n	**	11	u	**	
	,2,4-Trimethylbenzene	ND	0.200	**	"	"	n	41	**	
1	1,3,5-Trimethylbenzene	ND	0.500	₹7	Ħ	u	n		**	
7	Vinyl chloride	ND	0.200	tt	**	19	11	**	tt	
1	n,p-Xylene	ND	0.500	**	Ħ	••	n	n	ti	
) C	o-Xylene	ND	0.250	н	Œ	17	"	17	u	
3	Surrogate: 1,2-DCA-d4	106 %	77-133			"	"	"	"	
S	Surrogate: Toluene-d8	108 %	80-120			"	"	"	"	
5	Surrogate: 4-BFB	104 %	80-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		_	Reporting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-8S (B1C0022-08) Water	Sampled: 02/28/01	11:05 Receiv	ved: 03/01/	01 17:07					
	Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
	Benzene	ND	0.200	"	и	**	11	et .	Ħ	
	Bromobenzene	ND	0.500	11	н	**	U	ш	n	
	Bromochloromethane	ND	0.200	**	**	**	**	**	u	
	Bromodichloromethane	ND	0.200	17	11	ti	**	**	H	
	Bromoform	ND	0.200	ti	н		11	17	H.	
	Bromomethane	ND	2.00	н	u	**	н	₩ .	н	
	2-Butanone	13.3	2.00	11	n	**	u	ti	н	
	n-Butylbenzene	ND	0.200	11	11	**	н	н	11	
	sec-Butylbenzene	ND	0.200	**	**	n .	**	rr	17	
ļ	tert-Butylbenzene	ND	0.500	н	Ħ	II	**	17		
į	Carbon disulfide	ND	0.500	11	n	11	"	н	u	
	Carbon tetrachloride	ND	0.200	11	n	**	н	n	11	
	Chlorobenzene	ND	0.200	n	н	r	**	11	•	
,	Chloroethane	ND	1.00	**	"	ıı	n	11	**	
1	Chloroform	ND	0.200	п	**	u	"	**	н	
	Chloromethane	ND	1.00	u	н	11	a a	**	n	
	2-Chlorotoluene	ND	0.500		H	Ħ	H	н	11	
	4-Chlorotoluene	ND	0.500	**	II .	11	"	11	n	
	Dibromochloromethane	ND	0.200		n	u	**	11	rr rr	
	1,2-Dibromo-3-chloropropane	ND	0.500	H	н	н	**	"	**	
,	1,2-Dibromoethane	ND	0.200	n	**		**	*1	**	
;	Dibromomethane	ND	0.200	11	n	H	11	"	tf	
	1,2-Dichlorobenzene	ND	0.200	•	н	n	11	ď	n .	
Ť	1,3-Dichlorobenzene	ND	0.200	11	11	**	11	11	**	
i	1,4-Dichlorobenzene	ND	0.200	11	11	"	**	**	"	
	Dichlorodifluoromethane	ND	0.500	n	15	n	"	**	tt	
	1,1-Dichloroethane	ND	0.200	u	**	**	u	•	u	
	1,2-Dichloroethane	ND	0.200	II .	ti	11	**	f+	11	
	1,1-Dichloroethene	ND	0.200	**	н	11	11	н	n	
	cis-1,2-Dichloroethene	1.43	0.200	17	**	**	n	"	**	
	trans-1,2-Dichloroethene	ND	0.200	tr	11	н	11	**	**	
	1,2-Dichloropropane	ND	0.200	n n	***	"	n	**	tt	
	1,3-Dichloropropane	ND	0.200	n	*	14	u	н	u	
	2,2-Dichloropropane	ND	0.500	11	Ħ	"	11	н	"	
;	1,1-Dichloropropene	ND	0.200	11	· ·	**	•	"	17	
	cis-1,3-Dichloropropene	ND	0.200	11	H	H	**	11	**	
,	trans-1,3-Dichloropropene	ND	0.200	u	11	ш	u	**	п	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

į	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
•	FPC-8S (B1C0022-08) Water	Sampled: 02/28/01 1	1:05 Receiv	ed: 03/01/0	01 17:07					
	Ethylbenzene	ND	0.200	ug/i	1	1C07028	03/07/01	03/07/01	EPA 8260B	
ì	Hexachlorobutadiene	ND	0.500	**	11	n	tt	**	"	
	2-Hexanone	ND	2.00	t†	11	Ħ	**	**	11	
ì	Isopropylbenzene	ND	0.500	u	н	n	II .	11	11	
١	p-Isopropyltoluene	ND	0.200	п	н	**	н	н	19	
	Methylene chloride	ND	5.00	11	**	tr	17	11	*1	
	4-Methyl-2-pentanone	2.36	2.00	**	17	H	**	**	n	
	Naphthalene	ND	0.500	ė1	11	11	**	**	tf	
ì	n-Propylbenzene	ND	0.500	н	"	11	11	•	11	
	Styrene	ND	0.500	, и	Ħ	II	m m	11	11	
	1,1,1,2-Tetrachloroethane	ND	0.200	и	"	**	**	n	**	
;	1,1,2,2-Tetrachloroethane	ND	0.500	**	11	**	tr .	11	41	
	Tetrachloroethene	ND	0.200	11	**	u u	n	11	11	
;	Toluene	0.533	0.200	ш	*	tı	PT	70	34	
;	1,2,3-Trichlorobenzene	ND	0.200	u	n	u		**	11	
1	1,2,4-Trichlorobenzene	ND	0.200	н	II	**	n	n		
	1,1,1-Trichloroethane	ND	0.200	**	"	11	tt	Ħ	••	
,	1,1,2-Trichloroethane	ND	0.200	17	"	н	**	**	**	
1	Trichloroethene	ND	0.200	"	**	"	"	**	tt	
	Trichlorofluoromethane	ND	0.500	II	"	"	n	**	н	
1	1,2,3-Trichloropropane	ND	0.500	11	n	**	"	•	11	
į	1,2,4-Trimethylbenzene	ND	0.200	**	11	**	**	**	"	
	1,3,5-Trimethylbenzene	ND	0.500	**	**	10	17	п	**	
)	Vinyl chloride	ND	0.200	**	**	**	"	**	n	
1	m,p-Xylene	ND	0.500	u	H	н	n	**	n	
1	o-Xylene	ND	0.250	n	u	U	11	tr .	11	
	Surrogate: 1,2-DCA-d4	101 %	77-133			"	"	"	"	 _
1	Surrogate: Toluene-d8	104 %	80-120			"	"	"	n .	
ļ	Surrogate: 4-BFB	98.0 %	80-120			"	u	"	"	

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting						•	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8D (B1C0022-09) Water	Sampled: 02/28/01	11:57 Recei	ved: 03/01/	01 17:07			-		
Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	-
Benzene	ND	0.200	**	u	**	н	re	rı	
Bromobenzene	ND	0.500	tt	11	tt .	11	11	n	
Bromochloromethane	ND	0.200	11	11	**	11	11	77	
Bromodichloromethane	ND	0.200	r	11	11	27	lr .	tt.	
Bromoform	ND	0.200	ti .	"	u	**	17	u	
Bromomethane	ND	2.00	н	n	н	"	tt	Ħ	
2-Butanone	ND	2.00	н	II .	**	"	17	II .	
n-Butylbenzene	ND	0.200		n	17	n	**	H	
sec-Butylbenzene	ND	0.200	**	11	**	п	n	n	
tert-Butylbenzene	ND	0.500	*1	41	**	н ,	и	**	
Carbon disulfide	ND	0.500	et	н	n	II	ti	H	
Carbon tetrachloride	ND	0.200	**	**	Ħ	11	н	17	
Chlorobenzene	ND	0.200	n	11	11	"	Ħ	**	
Chloroethane	ND	1.00	U	17	11	n	rt	н	
Chloroform	ND	0.200	u	17	II .	11	**	**	
·Chloromethane	ND	1.00	*1	п	**	n	11	U	
2-Chlorotoluene	ND	0.500	11	n	**	n	**	II	
4-Chlorotoluene	ND	0.500	**	III	**	н	#	*1	
Dibromochloromethane	ND	0.200	**	н	tt	И	и	n	
1,2-Dibromo-3-chloropropane	ND	0.500	**	11	Ħ	**	н	11	
1,2-Dibromoethane	ND	0.200	n	n	11	*1	m .	**	
Dibromomethane	ND	0.200	n	**	tt	**	"	**	
1,2-Dichlorobenzene	ND	0.200	n	17	u	17	11	*1	
1,3-Dichlorobenzene	ND	0.200	11	**	11	11	и	11	
1,4-Dichlorobenzene	ND	0.200	н	"	11	**	н	н	
Dichlorodifluoromethane	ND	0.500	17	ıı	"	IT	н	U	
1,1-Dichloroethane	ND	0.200	11	u	**	**	H	u	
1,2-Dichloroethane	ND	0.200	**	II	"	**	ır	n	
1,1-Dichloroethene	ND	0.200	**	**	"	**	Ħ	11	
cis-1,2-Dichloroethene	ND	0.200	**	u	H	*1	n	11	
trans-1,2-Dichloroethene	ND	0.200	п	**	ıı	**	n	17	
1,2-Dichloropropane	ND	0.200	н	17	11	**	U	11	
1,3-Dichloropropane	ND	0.200	u	**	И	н	II	10	
2,2-Dichloropropane	ND	0.500	**	**	"	u	**	tt	
1,1-Dichloropropene	ND	0.200	**	u	**	н	n	tt	
cis-1,3-Dichloropropene	ND	0.200	**	u	**	11	**	n	
trans-1,3-Dichloropropene	ND	0.200	**	**	**	**	n	u	
- I- I									

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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8D (B1C0022-09) Water	Sampled: 02/28/01	11:57 Receiv	/ed: 03/01/	01 17:07					
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	**	11	17	u	17	"	
2-Hexanone	ND	2.00	"	17	17	n	er .	*	
Isopropylbenzene	ND	0.500	**	11	TF.	n	tr.	**	
p-Isopropyltoluene	ND	0.200	Ħ	"	н	**	н	**	
Methylene chloride	13.4	5.00	u	н	'H	**		п	A-01
4-Methyl-2-pentanone	ND	2.00	II .	H	**	"	11	11	
Naphthalene	ND	0.500	"	н	**	**	**	"	
n-Propylbenzene	ND	0.500	**	н	**	ft f	**	**	
Styrene	ND	0.500	**	H	**	u	***	n	
1,1,1,2-Tetrachloroethane	ND	0.200	"	**	n	n	"	11	
1,1,2,2-Tetrachloroethane	ND	0.500	**	**	H	11	ч	11	
Tetrachloroethene	ND	0.200	п	o o	u	11	u	11	
Toluene	ND	0.200	"	u	n	11	н	II	
1,2,3-Trichlorobenzene	ND	0.200	H	tr .	H	**	**	**	
1,2,4-Trichlorobenzene	ND	0.200	11	tr	**	**	"	**	
1,1,1-Trichloroethane	ND	0.200	† †	"	**	11	"	**	
1,1,2-Trichloroethane	ND	0.200	11	**	н .	H	•	re	
Trichloroethene	ND	0.200	***	n	**	11	t#	11	
Trichlorofluoromethane	ND	0.500	"	n	II .	11	н	н	
1,2,3-Trichloropropane	ND	0.500	n	н	n	11	n	11	
1,2,4-Trimethylbenzene	ND	0.200	n	ti .	11	11	n .	11	
1,3,5-Trimethylbenzene	ND	0.500	Ħ		11	Ħ	11	**	
Vinyl chloride	ND	0.200	"	11	11	**	Ħ	11	
m,p-Xylene	ND	0.500	**	n	••	н	n	Ħ	
o-Xylene	ND	0.250	11	11	**	11	**	Ħ	
Surrogate: 1,2-DCA-d4	112 %	77-133			"	- "	"	"	_
Surrogate: Toluene-d8	109 %	80-120			"	"	"	"	
Surrogate: 4-BFB	97.5 %	80-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		n	nostin -	·						$\overline{}$
1	Analyte	Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-2 (B1C0022-10) Water	Sampled: 02/28/01 12:47	Receive	ed: 03/01/01	l 17:07		_			
;	Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
1	Benzene	ND	0.200	**	**	11	**	н	**	
	Bromobenzene	ND	0.500	11	**	11	*1	n	**	
,	Bromochloromethane	ND	0.200	11	Ħ	Ħ	11	**	Ħ	
ţ	Bromodichloromethane	ND	0.200	**	11	rr	**	**	"	
	Bromoform	ND	0.200	**	11	Ħ	**	77	"	
,	Bromomethane	ND	2.00	Ħ	H	н	***	tt	**	
1	2-Butanone	ND	2.00	**		11	*	**	"	
1	n-Butylbenzene	ND	0.200	"	Ü	"	Ħ	**	u	
	sec-Butylbenzene	ND	0.200	17	11	11		#		
	tert-Butylbenzene	ND	0.500	11	11	u	11	**	π	
ì	Carbon disulfide	ND	0.500	u	n	tı	H	п	II .	
	Carbon tetrachloride	ND	0.200	"	11	**	n	H	н	
1	Chlorobenzene	.ND	0.200	ıı	m	•17		u	н	
i E	Chloroethane	ND	1.00	н	11	17	17	ti .	u u	
•	Chloroform	ND	0.200	11	11	***	u	н	11	
	Chloromethane	ND	1.00	II .	н	11	11		н	
:	2-Chlorotoluene	ND	0.500	**	11	17	u	11	*1	
,	4-Chlorotoluene	ND	0.500	н	**	t 7	u		n	
	Dibromochloromethane	ND	0.200	*1	***	t)	и	н	**	
	1,2-Dibromo-3-chloropropane	ND	0.500	#1	n	**	11	H	11	
ļ.	1,2-Dibromoethane	ND	0.200	#1	11	11	n	17	**	
	Dibromomethane	ND	0.200	H	**	tt	**	Ħ	14	
ı	1,2-Dichlorobenzene	ND	0.200	**	tt	tt	**	**	tt.	
;	1,3-Dichlorobenzene	ND	0.200	Ħ	er	**	**	17	tf	
,i	1,4-Dichlorobenzene	ND	0.200	**	11	17	"	17	11	
	Dichlorodifluoromethane	ND	0.500	H	**	11	**	**	IT	
1	1,1-Dichloroethane	ND	0.200	**	**	"	**	"	II	
i	1,2-Dichloroethane	ND	0.200	***	**	u	Ħ	17	If	
	1,1-Dichloroethene	ND	0.200	17	II .	п	H	rt .	**	
į	cis-1,2-Dichloroethene	0.482	0.200	11	н	п	11	11	n	
,	trans-1,2-Dichloroethene	ND	0.200	**	п	n	н	н	"	
. '	1,2-Dichloropropane	ND	0.200	н	п	II	"	ti .	11	
,	1,3-Dichloropropane	ND	0.200	11	II .	11	"	11	*1	
!	2,2-Dichloropropane	ND	0.500	If	ıı	H	u u	H	н	
	1,1-Dichloropropene	ND	0.200	н	11	11	п	Ħ	Ħ	
	cis-1,3-Dichloropropene	ND	0.200	**	••	#	31	11	**	
	trans-1,3-Dichloropropene	ND	0.200	"	"	47	н	"	R	

North Creek Analytical - Bothell

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Dames and Moore- Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 53-28171927.00

Reported:

Seattle WA, 98121

Project Manager: David Raubvogel

03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				———	Dateir	Trepared			110103
FPC-2 (B1C0022-10) Water	Sampled: 02/28/01 12:47	7 Receive	ed: 03/01/0	1 17:07		•			
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	Ħ	Ħ	"	**	n	Ħ	
2-Hexanone	ND	2.00	**	n	11	"	11	11	
Isopropylbenzene	ND	0.500	п	**	17	n	11	II .	
p-Isopropyltoluene	ND	0.200	ŧ	n	n	11	н	11	
Methylene chloride	19.8	5.00	н	**	tt	ir	н	**	A-01
4-Methyl-2-pentanone	ND	2.00	tt	u	**	11	11	**	
Naphthalene	ND	0.500	n	н	Ħ	**	**	u	
n-Propylbenzene	ND	0.500	11	II .	H	n	t)	u u	
Styrene	ND	0.500	*1	11	11	11	Ħ	"	
1,1,1,2-Tetrachloroethane	ND	0.200		**	**	"	n	**	
1,1,2,2-Tetrachloroethane	ND	0.500	Ħ	tt	н	"	н	**	
Tetrachloroethene	ND	0.200	н	11	11	**	"	u	
Toluene	ND	0.200	n	**	ıı	tt	**	n	
1,2,3-Trichlorobenzene	ND	0.200	11	17	17	u	#	н	
1,2,4-Trichlorobenzene	ND	0.200	**	17	rr rr	*1	н	41	
1,1,1-Trichloroethane	ND	0.200	**	11	**	n		"	
1,1,2-Trichloroethane	ND	0.200	H	11	н	**	**	tt.	
Trichloroethene	ND	0.200	tt	ti .	n	**	**	te .	
Trichlorofluoromethane	ND	0.500	11	11		n	**	41	
1,2,3-Trichloropropane	ND	0.500	11	**	"	н	**	11	
1,2,4-Trimethylbenzene	ND	0.200	**	**	*1	17	u	11	
1,3,5-Trimethylbenzene	ND	0.500	н	**	н	**	н	**	
Vinyl chloride	ND	0.200	**	11	41	11	11	**	
m,p-Xylene	ND	0.500	**	n	11	n	**	11	
o-Xylene	ND	0.250	11	**	**	п	n	н	
Surrogate: 1,2-DCA-d4	117% 7	7-133		-	"	"	"	"	
Surrogate: Toluene-d8	104 % 8	0-12 0			"	"	"	"	
Surrogate: 4-BFB	99.0 % 8	0-120			"	"	"	"	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

	Da	porting							
Analyte	Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-7 (B1C0022-11) Water	Sampled: 02/28/01 14:40	Receive	ed: 03/01/01	l 17:07					
Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/08/01	EPA 8260B	
Benzene	ND	0.200	**	11	**	H	••	tt .	
Bromobenzene	ND	0.500	· ·	II	Ħ	H	11	**	
Bromochloromethane	ND	0.200	11	11	tf	*1	**	II .	
Bromodichloromethane	ND	0.200	и	Ħ	tt	tt	17	"	
Bromoform	ND	0.200	**	**	Ħ	**	t+	II .	
Bromomethane	ND	2.00	10	**	n	**	£†	"	
2-Butanone	ND	2.00	17	**	11	n	Ħ	n	
n-Butylbenzene	ND	0.200	II.	"	**	u	11	Ħ	
sec-Butylbenzene	ND	0.200	н	н	**	п	tt	Ħ	
tert-Butylbenzene	ND	0.500	н	n	ŧr	11	**	rt	
Carbon disulfide	ND	0.500	н	n	**	**	н	n	
Carbon tetrachloride	ND	0.200	H	H	н	tr.	**	н	
Chlorobenzene	ND	0.200	**	**	Ħ	t†	11	н	
Chloroethane	ND	1.00	11	**	••	**	"	n	
Chloroform	ND	0.200	tr	rı	11		tt	**	
Chloromethane	ND	1.00	ır	H	Ħ	11	· ·	**	
2-Chlorotoluene	ND	0.500	u	н	**	11	n	"	
4-Chlorotoluene	ND	0.500	11	н	**	**	n	**	
Dibromochloromethane	ND	0.200	"	11	Ħ	"	**	II .	
1,2-Dibromo-3-chloropropane	ND	0.500	11	11	Ħ	11	44	II .	
1,2-Dibromoethane	ND	0.200	n	**	Ħ	11	**	n .	
Dibromomethane	ND	0.200	"	"	n	lf .	н	"	
1,2-Dichlorobenzene	ND	0.200	**	**	u	**	tı	**	
1,3-Dichlorobenzene	ND	0.200	"	H	"	**	. "	**	
1,4-Dichlorobenzene	ND	0.200	u u	n		ti	11	11	
Dichlorodifluoromethane	ND	0.500	u	n	**	11	11	n	
1,1-Dichloroethane	ND	0.200	u	n	**	**	W	Ħ	
1,2-Dichloroethane	ND	0.200	u u	н	**	**	11	"	
1,1-Dichloroethene	ND	0.200	11	**	n	er	17	11	
cis-1,2-Dichloroethene	ND	0.200	**	f †	H	n	"	11	
trans-1,2-Dichloroethene	ND	0.200	**	17	н		**	**	
1,2-Dichloropropane	ND	0.200	**	er	H	**	II	ti	
1,3-Dichloropropane	ND	0.200	**	tt	17	11	n	H .	
2,2-Dichloropropane	ND	0.500	tt	u	11	U	н		
1,1-Dichloropropene	ND	0.200	н	u	11	11	11	u	
cis-1,3-Dichloropropene	ND	0.200	II .	н	**	**	tı	**	
trans-1,3-Dichloropropene	ND	0.200	11	11	**	**	**	**	

North Creek Analytical - Bothell



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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-7 (B1C0022-11) Water	Sampled: 02/28/01 14:4	0 Receive	d: 03/01/01	17:07					
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/08/01	EPA 8260B	
Hexachlorobutadiene	ND.	0.500	11	tr.	ŧŧ	H	11	11	
2-Hexanone	ND	2.00	**	п	ti	Ħ	u	11	
Isopropylbenzene	ND	0.500	**	n	11	n	ŧı	n	
p-Isopropyltoluene	ND	0.200	tr	"	11	u	n	rt .	
Methylene chloride	ND	5.00		**	"	н	rı	11	
4-Methyl-2-pentanone	ND	2.00	n	н	"	н	n	Ħ	
Naphthalene	ND	0.500	17	Ħ	11	н	11	н	
n-Propylbenzene	ND	0.500	**	11	U	11	11	**	
Styrene	ND	0.500	11	11	11	11	11	**	
1,1,1,2-Tetrachloroethane	ND	0.200	Ħ	**	n	n	**	**	
1,1,2,2-Tetrachloroethane	ND	0.500	н	**	er	n	u	u .	
Tetrachloroethene	ND	0.200	н	ti	**	17	ш	U	
Toluene	ND	0.200	**	a	**	11	n	n	
1,2,3-Trichlorobenzene	ND	0.200	**	n	10	**	••	**	
1,2,4-Trichlorobenzene	ND	0.200	Ħ	11	n	77	6*	o o	
1,1,1-Trichloroethane	ND	0.200	11	11	**	11	11	. "	
1,1,2-Trichloroethane	ND	0.200	n	**	n	н	Ħ	tr .	
Trichloroethene	ND	0.200	n	n	n	н	w.	17	
Trichlorofluoromethane	ND	0.500	**	н	**	11	п	17	
1,2,3-Trichloropropane	ND	0.500	**	н	n	11	**	ts.	
1,2,4-Trimethylbenzene	ND	0.200	**	n	u	**	O	***	
1,3,5-Trimethylbenzene	ND	0.500	n	n	**	Ħ	Ħ	n	
Vinyl chloride	ND	0.200	n	"	tr	u	lt .	11	
m,p-Xylene	ND	0.500	n	11	**	ŧ	II .	п	
o-Xylene	ND	0.250	11	**	rr	n	*1	**	
Surrogate: 1,2-DCA-d4	107 % 7	7-133			"	"	"	"	
Surrogate: Toluene-d8	102 % 8	0-120			**	"	"	"	
Surrogate: 4-BFB	98.5 % 8	0-120			"	"	"	u	

North Creek Analytical - Bothell



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Dames and Moore- Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

<u></u>		porting	** *:	****					
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-3 (B1C0022-12) Water	Sampled: 02/28/01 15:51	Receive	ed: 03/01/01	1 17:07					
Acetone	ND	5.00	ug/l	1	1C08015	03/07/01	03/08/01	EPA 8260B	
Benzene	ND	0.200	**	11	tr	11	11	11	
Bromobenzene	ND	0.500	n	n	*	**	**	н	
Bromochloromethane	ND	0.200	n	**	н	**	**	**	
Bromodichloromethane	ND	0.200	II .	"	и	**	tt	ti .	
Bromoform	ND	0.200	u		**	**	н	"	
Bromomethane	ND	2.00	••	Ħ	**	u		и	
2-Butanone	ND	2.00	**	II .	**	II .	11	n	
n-Butylbenzene	ND	0.200	tı	n	77	II.	#	ıı	
sec-Butylbenzene	ND	0.200	**	tı	н	**	**	H	
tert-Butylbenzene	ND	0.500	u	**	н	tr	**	"	
Carbon disulfide	ND	0.500	n	· ·	"	**	Ħ	tT .	
Carbon tetrachloride	ND	0.200	II	**	11	n	п	и	
Chlorobenzene	ND	0.200	W	u	**	It	н	n	
Chloroethane	ND	1.00	"	u	11	н	u	н	
Chloroform	ND	0.200	**	ш	**	II .	и	u	
Chloromethane	ND	1.00	**	н		**	. н	н	
2-Chlorotoluene	ND	0.500	Ħ	н	n	v	17	н .	
4-Chlorotoluene	ND	0.500	u	**	u	**	17	**	
Dibromochloromethane	ND	0.200	н	n	II .	n	tı	**	
1,2-Dibromo-3-chloropropane	ND	0.500	н	17	U	**	ti	**	
1,2-Dibromoethane	ND	0.200	ti .	11	"	н	II	17	
Dibromomethane	ND	0.200	**	ŧı	11	п	n	n	
1,2-Dichlorobenzene	ND	0.200	47	II.	**		11	n	
1,3-Dichlorobenzene	ND	0.200	17	11	11	11	11	11	
1,4-Dichlorobenzene	ND	0.200	**	**	**	11	**	11	
Dichlorodifluoromethane	ND	0.500	**	**	н	••	"	**	
1,1-Dichloroethane	ND	0.200	n	**	**	**	"	er e	
1,2-Dichloroethane	ND	0.200	u	**	n	**	u	n	
1,1-Dichloroethene	ND	0.200	н	tt	n	н	н	н .	
cis-1,2-Dichloroethene	ND	0.200	+1	11	11	u	n	н	
trans-1,2-Dichloroethene	. ND	0.200	rr	11	11		п	n	
1,2-Dichloropropane	ND	0.200	**	11	44	**	11	Ħ	
1,3-Dichloropropane	ND	0.200	"	11	**	11	н	11	
2,2-Dichloropropane	ND	0.500	π	11	**	**	n	. #	
1,1-Dichloropropene	ND	0.200	u	17		**	11	tr	
cis-1,3-Dichloropropene	ND	0.200	11	11	н	Ħ	н	н	
trans-1,3-Dichloropropene	ND	0.200	11	11	н	u	u	n .	
i,ciii.coropropono	212	2.200							

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Portland

Dames and Moore-Seattle Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	eporting Limit	Units	Dilution	Batch	Drangrad	Analyzed	Method	Notes
Allaryte		Limit	Omis	Different	Dawn	- repared	Analyzed	Medion	notes
FPC-3 (B1C0022-12) Water	Sampled: 02/28/01 15:5	Receive	d: 03/01/01	17:07					
Ethylbenzene	ND	0.200	ug/l	1	1C08015	03/07/01	03/08/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	41	11	н	n	н	H	
2-Hexanone	ND	2.00	n	n	11	11	Ħ	u	
Isopropylbenzene	ND	0.500	**	11	11	II .	11	H	
p-Isopropyltoluene	ND	0.200	Ħ	н	*1	"	**	ti	
Methylene chloride	ND	5.00	n	**	"	11	*	**	
4-Methyl-2-pentanone	ND	2.00	n	u	**	n	tt	**	
Naphthalene	ND	0.500	Ħ	ıı	**	11	H	"	
n-Propylbenzene	ND	0.500	u	11	ŧŧ	H	11	Ħ	
Styrene	ND	0.500	n	н	**	"	n	"	
1,1,1,2-Tetrachloroethane	ND	0.200	"	"	17	ri	u	**	
1,1,2,2-Tetrachloroethane	ND	0.500	**	**	н	·	#1	rt	
Tetrachloroethene	ND	0.200	**	**	11	u	**	m	
Toluene	ND	0.200	***	**	н	11	"	H	
1,2,3-Trichlorobenzene	ND	0.200	**	tr	19	n	**	11	
1,2,4-Trichlorobenzene	ND	0.200	**	**	11	**	**	11	
1,1,1-Trichloroethane	ND	0.200	n	ii	**	**	#	11	
1,1,2-Trichloroethane	ND	0.200	tt	IT .	**	**	11	11	
Trichloroethene	ND	0.200	u	11	41	**	Ħ	**	
Trichlorofluoromethane	ND	0.500	u	U	11	17	tt	**	
1,2,3-Trichloropropane	ND	0.500	11	11	**	**	н	n	
1,2,4-Trimethylbenzene	ND	0.200	11	"	**	"	u	**	
1,3,5-Trimethylbenzene	ND	0.500	in .	11	17	17	U	**	
Vinyl chloride	ND	0.200	Ħ	**	*1	n	11	"	
m,p-Xylene	ND	0.500	11	11	н	u	"	n	
o-Xylene	ND	0.250	47	**	11	#	11		
Surrogate: 1,2-DCA-d4		7-133			"	"	"	"	
Surrogate: Toluene-d8		0-120			"	"	"	"	
Surrogate: 4-BFB	90.0 % 8	0-120			#	"	. "	"	

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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

ř	·		Reporting	-						
1	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Trip Blank (B1C0022-13) Water	Sampled: 02/27/	01 12:00 Re	ceived: 03/	01/01 17:07	1				
	Acetone	ND	5.00	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
	Benzene	ND	0.200	"	n	**	11	11	u	
	Bromobenzene	ND	0.500	**	U	"	n	н	и	
į	Bromochloromethane	ND	0.200	17	**	н	17	•	n	
	Bromodichloromethane	ND	0.200	tt		H	H	11	n	
	Bromoform	ND	0.200	Ħ	11	II.	II.	11	n	
	Bromomethane	ND	2.00	н	**	11	II .	**	rt .	
	2-Butanone	ND	2.00	н	н	**	**	17	m m	
	n-Butylbenzene	ND	0.200	#	n	17	n	24	n	
	sec-Butylbenzene	ND	0.200	**	u	**	**	11	11	
)	tert-Butylbenzene	ND	0.500	71	11	F7	**	**	u	
	Carbon disulfide	ND	0.500	11	ır	**	**	17	н	
	Carbon tetrachloride	ND	0.200	Ħ	#	u	11	11	H	
,	Chlorobenzene	ND	0.200	**	17	Ħ	n,	u	11	
	Chloroethane	ND	1.00	н	rt	н	н	**	Ħ	
'	Chloroform	ND	0.200	· ·	Ħ	11		11	**	
	Chloromethane	ND	1.00	· ·	**	11	u	rr.	n	
	2-Chlorotoluene	ND	0.500	u	#	**	•	***	"	
1	4-Chlorotoluene	ND	0.500	**	н	***	n	11	. 44	
	Dibromochloromethane	ND	0.200	**	n n	**	11	tr .	11	
	1,2-Dibromo-3-chloropropane	ND	0.500	**	H	11	**	tt .	н	
	1,2-Dibromoethane	. ND	0.200	17	11	*	**	ш	*1	
	Dibromomethane	ND	0.200	**	"	tt	t f	u	11	
	1,2-Dichlorobenzene	ND	0.200	**	**	u	II .	**	n	
	1,3-Dichlorobenzene	ND	0.200	**	**	u	H	71	71	
,	1,4-Dichlorobenzene	ND	0.200	11	**	н	н	ti	Ħ	
	Dichlorodifluoromethane	ND	0.500	11	*1	Ħ	11	•	***	
:	1,1-Dichloroethane	ND	0.200	· ·	"	Ħ	91	**	Ħ	
	1,2-Dichloroethane	ND	0.200	11	Ħ	. **	**	tr	"	
	1,1-Dichloroethene	ND	0.200	**	H	**	**	17	"	
	cis-1,2-Dichloroethene	ND	0.200	11	"	#1	**	Ħ	11	
,	trans-1,2-Dichloroethene	ND	0.200	**	"	19	"	rr .	п.	
	1,2-Dichloropropane	ND	0.200	**	n	11	"	H	н	
-	1,3-Dichloropropane	ND	0.200	n	**	**	"	11	41	
	2,2-Dichloropropane	ND	0.500	Ü	**	n	11	11	**	
	1,1-Dichloropropene	ND	0.200	н	tt	п	π	11	11	
	cis-1,3-Dichloropropene	ND	0.200	ш	n	11	11	11	re .	
	trans-1,3-Dichloropropene	ND	0.200	17	"	н	17	"	n	
	= +									

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Dames and Moore-Seattle

500 Market Place Tower, 2025 1st Ave

Seattle WA, 98121

Project: Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B1C0022-13) Water	Sampled: 02/27/	01 12:00 Re	ceived: 03/		1				
Ethylbenzene	ND	0.200	ug/l	1	1C07028	03/07/01	03/07/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	#	м,	tr	Ħ	17	11	
2-Hexanone	ND	2.00	н	n	**	n	**	n	
Isopropylbenzene	ND	0.500	**	"	**	п	11	*1	
p-Isopropyltoluene	ND	0.200	**	**	11	**	*1	17	
Methylene chloride	7.60	5.00	**	**	**	**	n	11	A-01
4-Methyl-2-pentanone	ND	2.00	"	**	**	н	tt	u	
Naphthalene	ND	0.500	н	11	11	n.	ŧŧ	. "	
n-Propylbenzene	ND	0.500	н	11		n	· ·	u	
Styrene	ND	0.500	*1	n	11	**	11	· ·	
1,1,1,2-Tetrachloroethane	ND	0.200	11	**	41	**	**	n	
1,1,2,2-Tetrachloroethane	ND	0.500	**	**	10		"	n	
Tetrachloroethene	ND	0.200	11	u	11	n	**	u	
Toluene	ND	0.200	"	"	**	n	n	"	
1,2,3-Trichlorobenzene	ND	0.200	**	"	11	**	11	11	
1,2,4-Trichlorobenzene	ND	0.200	77	17	11	11	"	11	
1,1,1-Trichloroethane	ND	0.200	11	**	**	п	*1	19	
1,1,2-Trichloroethane	ND	0.200	tt	"	11	u	Ħ	**	
Trichloroethene	ND	0.200	11	n n	11	11	u	11	
Trichlorofluoromethane	ND	0.500		II.		11	u	**	
1,2,3-Trichloropropane	ND	0.500	11	11	**	**	11	17	
1,2,4-Trimethylbenzene	ND	0.200	*1	n	tı	t#	n	**	
1,3,5-Trimethylbenzene	ND	0.500	ŧı	**	**	**	**	**	
Vinyl chloride	ND	0.200	**	tt	*	n	17	•	
m,p-Xylene	ND	0.500	н	11	**	н	H	11	
o-Xylene	ND	0.250	n	н	н	**	11	**	
Surrogate: 1,2-DCA-d4	100 %	77-133			"	"	n .	"	
Surrogate: Toluene-d8	103 %	80-120			"	"	"	"	
Surrogate: 4-BFB	99.5 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

]	Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1C07028: P	repared 03/07/01	Using El	PA 5030B	[P/T]			•				
Blank (1C07028-BLK1)							-			
Acetone		ND	5.00	ug/l							
Benzene		ND	0.200	n							
Bromobenzene		ND	0.500	11							
Bromochloromethane		ND	0.200	Ħ							
Bromodichloromethane		ND	0.200	#							
Bromoform		ND '	0.200	Ħ							
Bromomethane		ND	2.00	п							
2-Butanone		ND	2.00	u							
n-Butylbenzene		ND	0.200	11							
sec-Butylbenzene		ND	0.200	11							
tert-Butylbenzene		ND	0.500	н							
Carbon disulfide		ND	0.500	11							
Carbon tetrachloride		ND	0.200	Ħ							
Chlorobenzene		ND	0.200	Ħ							
Chloroethane		ND	1.00	Ħ							
Chloroform		ND	0.200	11							
Chloromethane		ND	1.00	11							
2-Chlorotoluene		ND	0.500	**							
4-Chlorotoluene		ND	0.500	**							
Dibromochloromethane		ND	0.200	"							
1,2-Dibromo-3-chloropropa	ane	ND	0.500	"							
1,2-Dibromoethane		ND	0.200	n							
Dibromomethane		ND	0.200	II							
1,2-Dichlorobenzene		ND	0.200	ij							
1,3-Dichlorobenzene		ND	0.200	**							
1,4-Dichlorobenzene		ND _.	0.200	**							
Dichlorodifluoromethane		ND	0.500	tt .				,			
1,1-Dichloroethane		ND	0.200	tr							
1,2-Dichloroethane		ND	0.200	н							
1,1-Dichloroethene		ND	0.200	n							
cis-1,2-Dichloroethene		ND	0.200	н							
trans-1,2-Dichloroethene		ND	0.200	11							
1,2-Dichloropropane		ND	0.200	***							
1,3-Dichloropropane		ND	0.200	**							

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Forest Park Cleaners

Spokane

500 Market Place Tower, 2025 1st Ave

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Seattle WA, 98121

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

-		Reporting	•	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1C07028: Prepared	03/07/01 Using EI	PA 5030B	[P/T]							
Blank (1C07028-BLK1)	-									
2,2-Dichloropropane	ND	0.500	ug/l	•		• -				
1,1-Dichloropropene	ND	0.200	"							
cis-1,3-Dichloropropene	ND	0.200	n							
trans-1,3-Dichloropropene	ND	0.200	**							
Ethylbenzene	ND	0.200	**							
Hexachlorobutadiene	ND	0.500	11							
2-Hexanone	ND	2.00	ti							
Isopropylbenzene	ND	0.500	11							
p-Isopropyltoluene	ND	0.200	11							
Methylene chloride	ND	5.00	11							
4-Methyl-2-pentanone	ND	2.00	"							
Naphthalene	ND	0.500	11							
n-Propylbenzene	ND	0.500	u							
Styrene	ND	0.500	n							
1,1,1,2-Tetrachloroethane	ND	0.200	н							
1,1,2,2-Tetrachloroethane	ND	0.500	н							
Tetrachioroethene	ND	0.200	Ħ							
Toluene	ND	0.200	n							
1,2,3-Trichlorobenzene	ND	0.200	n							
1,2,4-Trichlorobenzene	ND	0.200	**							
1,1,1-Trichloroethane	ND	0.200	ıı							
1,1,2-Trichloroethane	ND	0.200	Ħ							
Trichloroethene .	ND	0.200	н							
Trichlorofluoromethane	ND	0.500	**							
1,2,3-Trichloropropane	ND	0.500	"							
1,2,4-Trimethylbenzene	ND	0.200	17							
1,3,5-Trimethylbenzene	ND	0.500	н							
Vinyl chloride	ND	0.200	n							
m,p-Xylene	ND	0.500	"							
o-Xylene	ND	0.250	n							
Surrogate: 1,2-DCA-d4	2.02		"	2.01		100	77-133			
Surrogate: Toluene-d8	1.95		"	2.01		97. 0	80-120			
Surrogate: 4-BFB	2.00		"	2.01		99.5	80-120			

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

1	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	L					resurt	701030				
١	Batch 1C07028: Prepared 03/07/01	Using l	EPA 5030B	P/T]							
	LCS (1C07028-BS1)										
	Benzene	1.92	0.200	ug/l	2.00		96.0	80-130			
	Chlorobenzene	1.95	0.200	**	2.00		97.5	80-120			
ı	1,1-Dichloroethene	1.90	0.200	**	2.00		95.0	80-120			
	Toluene	1.84	0.200	**	2.00		92.0	80-120			
	Trichloroethene	1.94	0.200	**	2.00		97.0	70-130			
1	Surrogate: 1,2-DCA-d4	2.05		"	2.01		102	77-133			-
	Surrogate: Toluene-d8	1.93		"	2.01		96.0	80-120			
	Surrogate: 4-BFB	1.94		"	2.01		96.5	80-120			
	LCS Dup (1C07028-BSD1)										
	Benzene	1.92	0.200	ug/l	2.00		96.0	80-130	0.00	20	-
	Chlorobenzene	2.01	0.200	11	2.00		100	80-120	3.03	20	
	1,1-Dichloroethene	1.88	0.200	II	2.00		94.0	80-120	1.06	30	
	Toluene	1.97	0.200	11	2.00		98.5	80-120	6.82	20	
	Trichloroethene	1.97	0.200	Ħ	2.00		98.5	70-130	1.53	20	
	Surrogate: 1,2-DCA-d4	1.93		"	2.01		96.0	77-133			
	Surrogate: Toluene-d8	2.02		"	2.01		100	80-120			
	Surrogate: 4-BFB	2.12		"	2.01		105	80-120			
	Batch 1C08015: Prepared 03/07/01	Using J	EPA 5030B [P/T]							
	DI										
	Blank (1C08015-BLK1)										
	Acetone Acetone	ND	5.00	ug/l				 -			
		ND ND	5.00 0.200	ug/I							
	Acetone										
	Acetone Benzene	ND	0.200	ti				.			
	Acetone Benzene Bromobenzene	ND ND	0.200 0.500	11							
	Acetone Benzene Bromobenzene Bromochloromethane	ND ND ND	0.200 0.500 0.200	u u							
	Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane	ND ND ND ND	0.200 0.500 0.200 0.200	u u							
	Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform	ND ND ND ND	0.200 0.500 0.200 0.200 0.200	u u							
	Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane	ND ND ND ND ND	0.200 0.500 0.200 0.200 0.200 2.00	u u							
	Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane	ND ND ND ND ND ND ND ND	0.200 0.500 0.200 0.200 0.200 2.00 2.00	u u							
	Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone n-Butylbenzene	ND ND ND ND ND ND ND ND ND ND	0.200 0.500 0.200 0.200 0.200 2.00 2.00	" " " " " " "							
	Acetone Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone n-Butylbenzene	ND ND ND ND ND ND ND ND ND ND ND ND	0.200 0.500 0.200 0.200 0.200 2.00 2.00	11 11 11 11 11 11 11 11 11 11 11 11 11							
	Acetone Benzene Bromobenzene Bromochloromethane Bromoform Bromomethane 2-Butanone n-Butylbenzene sec-Butylbenzene tert-Butylbenzene	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.200 0.500 0.200 0.200 0.200 2.00 2.00	11 11 11 11 11 11 11 11 11 11 11 11 11							

North Creek Analytical - Bothell



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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave

Project Number: 53-28171927.00

Reported:

Seattle WA, 98121

Project Manager: David Raubvogel

03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

į		D 1:	Reporting		Spike	Source	A/DEC	%REC	, , , , , , , , , , , , , , , , , , ,	RPD	NT-4-
,	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	Batch 1C08015: Prepared 03/07/01	Using l	EPA 5030B	[P/T]							
	Blank (1C08015-BLK1)										
	Chloroethane	ND	1.00	ug/l				•	-		
	Chloroform	ND	0.200	III							
	Chloromethane	ND	1.00	н							
	2-Chlorotoluene	ND	0.500	11							
	4-Chlorotoluene	ND	0.500	11							
i	Dibromochloromethane	ND	0.200	n							
,	1,2-Dibromo-3-chloropropane	ND	0.500	11							
	1,2-Dibromoethane	ND	0.200	41							
ı	Dibromomethane	ND	0.200	tt			•				
-	1,2-Dichlorobenzene	ND	0.200	**							
	1,3-Dichlorobenzene	ND	0.200	u							
	1,4-Dichlorobenzene	ND	0.200	Ħ							
ı	Dichlorodifluoromethane	ND	0.500	*							
	1,1-Dichloroethane	ND	0.200	11							
	1,2-Dichloroethane	ND	0.200	tt.							
	1,1-Dichloroethene	ND	0.200	Ħ							
	cis-1,2-Dichloroethene	ND	0.200	п							
	trans-1,2-Dichloroethene	ND	0.200	Ħ							
	1,2-Dichloropropane	ND	0.200	11							
i	1,3-Dichloropropane	ND	0.200	u							
	2,2-Dichloropropane	ND	0.500	11							
	1,1-Dichloropropene	ND	0.200	*1							
i	cis-1,3-Dichloropropene	ND	0.200	н							
	trans-1,3-Dichloropropene	ND	0.200	ti							
	Ethylbenzene	ND	0.200	"		•					
!	Hexachlorobutadiene	ND	0.500	T1							
	2-Hexanone	ND	2.00	TF.							
	Isopropylbenzene	ND	0.500	Ħ							
j	p-Isopropyltoluene	ND	0.200	н							
)	Methylene chloride	ND	5.00	"							
	4-Methyl-2-pentanone	ND	2.00	n							
1	Naphthalene	ND	0.500	r							
ï	n-Propylbenzene	ND	0.500	H							
	Styrene	ND	0.500	н							
	- y										

North Creek Analytical - Bothell





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%REC

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Dames and Moore-Seattle

Project: Forest Park Cleaners

Spike

Source

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

Reporting

J			reporting		Spike	Boulce		MICE		KI D	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1C08015:	Prepared 03/07/01	Using E	PA 5030B	[P/T]							
Blank (1C08015-BL)	K1)										
1,1,1,2-Tetrachloroethan	ie	ND	0.200	ug/l				-			
1,1,2,2-Tetrachloroethan	e	ND	0.500	"							
Tetrachloroethene		ND	0.200	**							
Toluene		ND	0.200	u							
1,2,3-Trichlorobenzene		ND	0.200	"							
1,2,4-Trichlorobenzene		ND	0.200	u							
1,1,1-Trichloroethane		ND	0.200	"							
1,1,2-Trichloroethane		ND	0.200	"							
Trichloroethene		ND	0.200	n							
Trichlorofluoromethane		ND	0.500	t1							
1,2,3-Trichloropropane		ND	0.500	**							
1,2,4-Trimethylbenzene		ND	0.200	Ħ							
1,3,5-Trimethylbenzene		ND	0.500	11							
Vinyl chloride		ND	0.200	#							
m,p-Xylene		ND	0.500	11							
o-Xylene		ND	0.250	11							
Surrogate: 1,2-DCA-d4		2.23			2.01		111	77-133			
Surrogate: Toluene-d8		2.13		"	2.01		106	80-120			
Surrogate: 4-BFB		1.94		"	2.01		96.5	80-120			
LCS (1C08015-BS1)											
Benzene		2.11	0.200	ug/l	2.00	-	106	80-130	_		
Chlorobenzene		2.18	0.200	Ħ	2.00		109	80-120			
1,1-Dichloroethene		2.05	0.200	Ħ	2.00		102	80-120			
Toluene		2.12	0.200	tt	2.00		106	80-120			
Trichloroethene		2.09	0.200	н	2.00		104	70-130			
Surrogate: 1,2-DCA-d4		2.26	<u>.</u>	"	2.01		112	77-133			
Surrogate: Toluene-d8		2.04		"	2.01		101	80-120			
Surrogate: 4-BFB		1.78		"	2.01		88.6	80-120			

North Creek Analytical - Bothell

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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

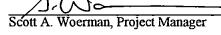
Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 03/22/01 13:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

]	Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1C08015:	Prepared 03/07/01	Using El	PA 5030B	[P/T]				_			
LCS Dup (1C08015	5-BSD1)					-					
Benzene		2.08	0.200	ug/l	2.00		104	80-130	1.43	20	
Chlorobenzene		2.18	0.200	n	2.00		109	80-120	0.00	20	
1,1-Dichloroethene		2.00	0.200	H	2.00		100	80-120	2.47	30	
Toluene		2.17	0.200	H	2.00		108	80-120	2.33	20	
Trichloroethene		2.18	0.200	н	2.00		109	70-130	4.22	20	
Surrogate: 1,2-DCA-d	4	2.19		"	2.01		109	77-133			
Surrogate: Toluene-d8		2.06		"	2.01		102	80-120			
Surrogate: 4-BFB		1.95		"	2.01		97.0	80-120			

North Creek Analytical - Bothell





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Dames and Moore-Seattle

Project: Forest Park Cleaners

500 Market Place Tower, 2025 1st Ave Seattle WA, 98121

Project Number: 53-28171927.00 Project Manager: David Raubvogel Reported:

03/22/01 13:55

Notes and Definitions

A-01 This result should be considered suspect as Methylene Chloride is a known, common laboratory contaminant.

DET Analyte DETECTED

Analyte NOT DETECTED at or above the reporting limit ND

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

North Creek Analytical - Bothell

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CLIENT: URS					INVO	ICE TO	:						-				D REQUEST in I	Business D	ays*
REPORT TO: DAVID &	AUBVOO	GE!					. .			_				Į	<u></u>	Organ	ic & Inorganic Anal		~
ADDRESS: ZOZS FIR			00			•	SAMO	G 4	-S 1	REPO	PRT	T	7	- 1	X 7		4 3	2 1	≥ا [_
SEATTLE														İ	STD.	Petrole	um Hydrocarbon An	alyses	~
PHONE: 206-728-	0744	FAX: 70	6-7-2	7-335	D P.O. N	UMBE	R:	•		_					5	4	3 2	1 <1	
PROJECT NAME: FOREST						REC	UESTE	DANA	LYSES						STI	D	Please Spe	cify	
PROJECT NUMBER: 53 - Z			200	25				•								ОТН	ER	<u>.</u>	_
SAMPLED BY: KEVIN L	undur	ark	27.52										1		*Turnaro	und Requests	less than standard may	incur Rush Ch	targes.
CLIENT SAMPLE	SAM	PLING	601	5 %	<u> </u>							ļ			MATRIX	#OF			NC∤
IDENTIFICATION	DATE	TIME	Q	TENEL TENEL											(W, S, O)	CONT.	COMME	NTS	1
1. FPC-i	2/27/01	1016	×	×											W	2	Blood	- 22 -	10
2. FPC-4	2/27/01	1145	×	\times									•		ω	2		X :	<u>V</u> ,
3. FPC-5	2/27/01	1250	\times	×											W	2			0
4. FPC-10 D	2/27/01	1457	×	×											W	2			0,
5. FPC - 10 S	U27101	1555	×	X					-						W	2			0
6. FPC-95	2/27/01	1703	×	X											W	2			10
7. FPC-9D	2/27/01	1753	×	X											W	Z			0
8. FFC - 85	2/28/01	_1105	×	×				-						Î	W	2			0
9. FPC - 8 D	2/24/01	1157	\times	×						-					W	Z		_	$\overline{0}$
10. FPC - Z	2/29/01	1247	\times	\times				•							. W	2			
11. FPC - 7	428/01	1440	×	X											W	2	SAMPLES W	ERE NO	
12.FPC - 3	2/28/01	1551	×	X											W	2	5-86 REON	RECEIP	المحار
13. TRIP BLANK			×	X															15
14.																			
15.											$\overline{}$			7	1				
RELINQUISHED BY: Levan	_				DATE:	02/28	8/01	ŘECEI	VED BY	1: 50	rai	my		011	0/			DATE:	2/2
PRINT NAME: KEVIN LU	NOMARI	FIRM:	we.	5	TIME:	170	27-	PRINT	NAME:		PRA	MŽ.	70	MIZ	FIRM:	NO	Ŋ	TIME:	<u>: //=</u>
RELINQUISHED BY:					DATE:		ļ	RECEI	VED BY	0	•	(ć	/			DATE:	
PRINT NAME:		FIRM:			TIME:				NAME:		-				FIRM:			TIME:	<u>:</u>
ADDITIONAL REMARKS: PLE		5-Notes	110	PROJ	ELT	FIL	E R	EGA	1501	N 6	Lo	w-L	EVEC	_ Ui	NYL	HLOR	Lienne:		
COC REV 3/99 ANALY S	' <u>'</u>		<u></u>					_						:	· · ·		<u> </u> <u>w</u> /b (PAGE	ž _0



RECEIVED JUL 12 2001 URS ACCOUNTING

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URS CORPORATION SEATTLE

3 July, 2001

David Raubvogel URS Corporation 1501 4th Avenue, Suite 1400 Seattle, WA 98101-1616

RE: LFP-Forest Park Cleaners

Enclosed are the results of analyses for samples received by the laboratory on 06/19/01 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel Reported:

07/03/01 11:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FPC-4	B1F0490-01	Water	06/18/01 10:20	06/19/01 15:00
FPC-1	B1F0490-02	Water	06/18/01 11:30	06/19/01 15:00
FPC-5	B1F0490-03	Water	06/18/01 12:25	06/19/01 15:00
FPC-10D	B1F0490-04	Water	06/18/01 13:13	06/19/01 15:00
FPC-10S	B1F0490-05	Water	06/18/01 14:03	06/19/01 15:00
FPC-7	B1F0490-06	Water	06/18/01 15:02	06/19/01 15:00
FPC-2	B1F0490-07	Water	06/18/01 16:15	06/19/01 15:00
FPC-8D	B1F0490-08	Water	06/18/01 16:55	06/19/01 15:00
FPC-8S	B1F0490-09	Water	06/18/01 17:43	06/19/01 15:00
FPC-9D	B1F0490-10	Water	06/18/01 18:30	06/19/01 15:00
FPC-98	B1F0490-11	Water	06/18/01 19:05	06/19/01 15:00
FPC-3	B1F0490-12	Water	06/18/01 19:50	06/19/01 15:00

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

1		R	eporting						-	 1
-	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-4 (B1F0490-01) Water	Sampled: 06/18/01 10:20	Receive	d: 06/19/01	15:00					
,	Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
	Benzene	0.289	0.200	н	Ħ	11	и		tı	
	Bromobenzene	ND	0.500	п	77	**	11	п	**	
	Bromochloromethane .	ND	0.200	"	Ħ	"	n	n	tt	
	Bromodichloromethane	ND	0.200	Ħ	n	11	n	**	tt.	
	Bromoform	ND	0.200	10	u	u	Ħ	tt	II .	
,	Bromomethane	ND	2.00	11	п	11	tr.	11	н	
,	2-Butanone	ND	2.00	n n	11	**	н	Ħ	11	
	n-Butylbenzene	ND	0.200	**	**	H	11	ti	**	
	sec-Butylbenzene	ND	0.200	**	**	**	**	it	IT	
	tert-Butylbenzene	ND	0.500	Ħ	Ħ	n	**	н	н	
l	Carbon disulfide	ND	0.500	n	u	н	r	"	11	
	Carbon tetrachloride	ND	0.200	н	n	n	11	17	n	
	Chlorobenzene	ND	0.200	н	11	н	п	11	11	
	Chloroethane	ND	1.00	n	**	**	"	п	#	
	Chloroform	ND	0.200	"	11	**	n	n	**	
	Chloromethane	ND	1.00	n	**	H	*1	n	Ħ	
	2-Chlorotoluene	ND	0.500	**	u	17	ti .	u	н	
	4-Chlorotoluene	ND	0.500	"	· ·	**	*1	"	11	
	Dibromochloromethane	ND	0.200	II .	н	п	tt.	u	11	
ŕ	1,2-Dibromo-3-chloropropane	ND	0.500	II.	н	**	11	H	п	
	1,2-Dibromoethane	ND	0.200	**	**	"	u	Ü	п	
	Dibromomethane	ND	0.200	e 7	**	**	*1	ii	H	
	1,2-Dichlorobenzene	ND	0.200	t ?	17	tr.	11	11	н	
	1,3-Dichlorobenzene	ND	0.200	tt	n	11	**	**	11	
;	1,4-Dichlorobenzene	ND	0.200	11	n n	n	U	**	11	
	Dichlorodifluoromethane	ND	0.500	н	н	**	II.	**	es es	
,	1,1-Dichloroethane	ND	0.200	11	н	*1	u	u	"	
ì	1,2-Dichloroethane	ND	0.200	17	11	11	11	н	r	
	1,1-Dichloroethene	ND	0.200	11	17	"	Ħ	n	n	
	cis-1,2-Dichloroethene	0.341	0.200	н	н	**	*	II .	n	
	trans-1,2-Dichloroethene	ND	0.200	IT	tr	IT		17	If	
1	1,2-Dichloropropane	ND	0.200	п	11	17	ıı	17	n	
	1,3-Dichloropropane	ND	0.200	11	n	11	u	"	**	
	2,2-Dichloropropane	ND	0.500	п	**	"	**	н .	tt	
	1,1-Dichloropropene	ND	0.200	**	"	11	**	n	tt	
	cis-1,3-Dichloropropene	ND	0.200	17	· m	t!	Ħ	n	u	
	trans-1,3-Dichloropropene	ND	0.200	n	ti	II	н	**	11	

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting				n :			3
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes:
FPC-4 (B1F0490-01) Water	Sampled: 06/18/01 10:20	Receive	d: 06/19/01	15:00					
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	**	11	11	TP .	11	tt	
2-Hexanone	ND	2.00	H	**	11	H.	**	n	
Isopropylbenzene .	ND	0.500	tr	#	n	н	**	H	
p-Isopropyltoluene	ND	0.200	11	**	**	н	n	It	
Methylene chloride	ND	5.00	II .	tr	n	11	Ħ	n	
4-Methyl-2-pentanone	ŅD	2.00	u	tt	n	п	Ħ	11	
Naphthalene	ND	0.500	u		"	н	Ħ	11	
n-Propylbenzene	ND	0.500	11	Ħ	n	11	Ir	n	
Styrene	ND	0.500	**	n	11	#1	11	11	
1,1,1,2-Tetrachloroethane	, ND	0.200	11	11	u	**	II .	11	
1,1,2,2-Tetrachloroethane	ND	0.500	**	**	11	11	11	"	
Tetrachloroethene	ND	0.200	**	**	11	77	**	tr	
Toluene	ND	0.200	11	Ħ	11	17	**	n	
1,2,3-Trichlorobenzene	ND	0.200	н	**	*1	**	**	IT	
1,2,4-Trichlorobenzene	ND	0.200	u	**	**	н	tr	n	
1,1,1-Trichloroethane	ND	0.200	п	Ħ	"	n	**	n	
1,1,2-Trichloroethane	ND	0.200	н	н	tr	tı	17	**	
Trichloroethene	ND	0.200	11	11	n		11	11	
Trichlorofluoromethane	ND	0.500	н	п	11	11	11	11	
1,2,3-Trichloropropane	ND	0.500	n	#1	11	**	11	н	
1,2,4-Trimethylbenzene	ND	0.200	"	ti	u	"	**	Ħ	
1,3,5-Trimethylbenzene	ND	0.500	**	"	11	Ħ	11	n	
Vinyl chloride	0.358	0.200	**	н	**	"	11	п	
m,p-Xylene	ND	0.500	Ħ	n	**	"	**	11	
o-Xylene	ND	0.250	Ħ	**	n	ti	tt	**	
Surrogate: 1,2-DCA-d4	110 % 7	7-133			"	"	"	#	
Surrogate: Toluene-d8	99.0% 80	9-120			"	"	"	"	
Surrogate: 4-BFB	108 % 80	9-120			"	"	"	u	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

s.		R	eporting							
:	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
,	FPC-1 (B1F0490-02) Water			d: 06/19/01	15:00		•			
	Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
	Benzene	ND	0.200	17	н	11	#	11	u	
	Bromobenzene	ND	0.500	**	u	11	11	it.	**	
,	Bromochloromethane .	ND	0.200	н	**	n	tt.	ŧı	"	
	Bromodichloromethane	ND	0.200	п	**	**	"	11	**	
	Bromoform	ND	0.200	n	**	u	41	11	ч	
	Bromomethane	ND	2.00	π	11	n	**	11	n .	
	2-Butanone	ND	2.00	11	п	, 11	**	**	17	
	n-Butylbenzene	ND	0.200	"	**	**	11	n	11	
	sec-Butylbenzene	ND	0.200	U	**	n	tt	н	н	
	tert-Butylbenzene	ND	0.500	II .	**	**	11	ч	н	
I	Carbon disulfide	ND	0.500	n	"	11	*1	17	н	
	Carbon tetrachloride	ND	0.200	77	tt	11	ti	n	n	
	Chlorobenzene	ND	0.200	11	н	11	**	**	n	
	Chloroethane	ND	1.00	r	н	**	Iŧ	tt .	**	
	Chloroform	ND	0.200	ır	11	Ħ	н	п	tr	
	Chloromethane	ND	1.00	u ⁱ	H	**	11	u	ti	
	2-Chlorotoluene	ND	0.500	II.	11	**	**	47	11	
	4-Chlorotoluene	ND	0.500	**	Ħ	**	**	**	II .	
	Dibromochloromethane	ND	0.200	**	**	17	11	IT.	11	
í	1,2-Dibromo-3-chloropropane	ND	0.500	**	tf	11	tt	н	"	
	1,2-Dibromoethane	ND	0.200	**	п	**	tr	ti	ţı	
	Dibromomethane	ND	0.200	tt .	н	**	11	II .	u	
	1,2-Dichlorobenzene	ND	0.200	u	11	**	11	11	11	
	1,3-Dichlorobenzene	ND	0.200	u	17	tř	*1	**	11	
	1,4-Dichlorobenzene	ND	0.200	Ħ	11	11	**	11	11	
	Dichlorodifluoromethane	ND	0.500	er	n	11	11	Ħ	11	
	1,1-Dichloroethane	ND	0.200	tf	tt t	*1	If	11	n	
	1,2-Dichloroethane	ND	0.200	11	tt	n	u	ti	n	
	1,1-Dichloroethene	ND	0.200	11	Ħ	**	**	11	н	
	cis-1,2-Dichloroethene	ND	0.200	11	11	Ħ	*1	**	H	
	trans-1,2-Dichloroethene	ND	0.200	11	**	ıı	41	17	11	
	1,2-Dichloropropane	ND	0.200	n	н	11	Ħ	11	п	
	1,3-Dichloropropane	ND	0.200	**	н	••	н	IP.	tt .	
	2,2-Dichloropropane	ND	0.500	tt	11	11	a	u ·	tt	
	1,1-Dichloropropene	ND	0.200	u	**	**	*1	**	n	
	cis-1,3-Dichloropropene	ND	0.200	Ħ	17	11	**	19	" .	
ŕ	trans-1,3-Dichloropropene	ND	0.200	-	**	н		11	"	
	amm-19-Diomotobtobette	1112	0.200							

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**



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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting				_			
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-1 (B1F0490-02) Water	Sampled: 06/18/01 11:30	Receive	d: 06/19/01	15:00					
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	n	**	11	n	n	11	
2-Hexanone	ND	2.00	17	н	11	u	11	"	
Isopropylbenzene .	ND	0.500	H	11	17	11	11	n	
p-Isopropyltoluene	ND	0.200		11	**	**	**	**	
Methylene chloride	ND	5.00	π	11	"	17	**	11	
4-Methyl-2-pentanone	ND	2.00	11	**	n	17	11	u	
Naphthalene	ND	0.500	11	**	u	11	11	n	
n-Propylbenzene	ND	0.500	**	tr	n	н	lt .	**	
Styrene	ND	0.500	**	11	11	"	U	н	
1,1,1,2-Tetrachloroethane	ND	0.200	**	11	**	II .	Ų	11	
1,1,2,2-Tetrachloroethane	ND	0.500	tt .	11	**	11	11	"	
Tetrachloroethene	ND	0.200	Ħ	11	**	n	11	**	
Toluene	ND	0.200	Ħ	ù	**	11	**	**	
1,2,3-Trichlorobenzene	ND	0.200	II	11	tr .	17	H	"	
1,2,4-Trichlorobenzene	ND	0.200	u	11	tt.	17	11	"	
1,1,1-Trichloroethane	ND	0.200	"	**	11	tf.	11	u	
1,1,2-Trichloroethane	ND	0.200	n	77	n	π	Ħ	H	
Trichloroethene	ND	0.200	11	17	11	n	If	II	
Trichlorofluoromethane	ND	0.500	**	78	"	н	**	11	
1,2,3-Trichloropropane	ND	0.500	11	Ħ	11	11	n	**	
1,2,4-Trimethylbenzene	ND	0.200	**	11	11	11	#	"	
1,3,5-Trimethylbenzene	ND	0.500	n	п	**	"	п	"	
Vinyl chloride	ND	0.200	11	11	**	11	n	H.	
m,p-Xylene	ND	0.500	ŧr	11	н	11	11	tt .	
o-Xylene	ND	0.250	11	n	IT	"	ıı	tt	
Surrogate: 1,2-DCA-d4	109 % 7	7-133			"	"	"	u .	
Surrogate: Toluene-d8		0-120			"	"	u	er .	
Surrogate: 4-BFB	100 % 80	0-120			"	"	"	"	

North Creek Analytical - Bothell

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1501 4th Avenue, Suite 1400

Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00

Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		ក	anarti					<u> </u>		
,	Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-5 (B1F0490-03) Water	Sampled: 06/18/01 12:25	Receive	d: 06/19/01	l 15:00	-				-
1	Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
i	Benzene	ND	0.200	11	11	u	u	11	n	
	Bromobenzene	ND	0.500	"	ti	19	11	77	n	
•	Bromochloromethane.	ND	0.200	n	**	**	17	n	t e	
	Bromodichloromethane	ND	0.200	11	ti .	17	н	н	It	
	Bromoform	ND	0.200	11	11	"	u	•	п	
	Bromomethane	ND	2.00	11	li I	н	tt	"	**	
	2-Butanone	ND	2.00	11	**	н	**	**	n	
	n-Butylbenzene	ND	0.200	Ħ	Ħ	tı	**	rr	ti .	
	sec-Butylbenzene	ND	0.200	n	**	42	**	n .	10	
:	tert-Butylbenzene	ND	0.500	u	41	Ħ	n	н	11	
	Carbon disulfide	ND	0.500	**	91	IT	. 4	**	**	
	Carbon tetrachloride	ND	0.200	17	**	11	11	11	**	
	Chlorobenzene	ND	0.200	tt	н	11	**	**	Ħ	
	Chloroethane	ND	1.00	н	н	**	*7	n	H .	
	Chloroform	ND	0.200	н	ŧı	**	17	tt	H .	
	Chloromethane	ND	1.00	**	11	tt	н	11	u u	
	2-Chlorotoluene	ND	0.500	**	**	11	н	**	n	
	4-Chlorotoluene	ND	0.500	n	**	11	"	Ħ	r#	
	Dibromochloromethane	ND	0.200		11	**	**	п	11	
	1,2-Dibromo-3-chloropropane	ND	0.500			**	11	11	11	
·	1,2-Dibromoethane	ND	0.200	**	U	IT	н	**	11	
	Dibromomethane	ND	0.200	**	11	n	n	**	**	
	1,2-Dichlorobenzene	ND	0.200	н	**	11	11	77	**	
1	1,3-Dichlorobenzene	ND	0.200	Ħ	t1	**	**	п	tt	
,	1,4-Dichlorobenzene	ND	0.200	н	tt	**	•	**	11	
	Dichlorodifluoromethane	ND	0.500	11	ш	н	**	н	11	
	1,1-Dichloroethane	ND	0.200	ti	11	н	11	**	#1	
•	1,2-Dichloroethane	ND	0.200	"	79	11	11	**	"	
	1,1-Dichloroethene	ND	0.200	H	tf	**	**	Ħ	**	
	cis-1,2-Dichloroethene	ND	0.200	n	н	n	**	H	n	
	trans-1,2-Dichloroethene	ND	0.200	n	11	11	m	ti .	n	
	1,2-Dichloropropane	ND	0.200	**	11	n	н	91	Ħ	
	1,3-Dichloropropane	ND	0.200	n		Ħ	n	. 11	"	
	2,2-Dichloropropane	ND	0.500	н	н	**	**	n .	*	
	1,1-Dichloropropene	ND	0.200	ti		**	**	"	H	
	cis-1,3-Dichloropropene	ND ND	0.200	11	ıı	Pf	**	n	п	
	trans-1,3-Dichloropropene	ND	0.200	*1	**	n	п	11	n	
	dans-132-Diemorobrohene	MD	0.200							

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network** Page 6 of 29



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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

]	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-5 (B1F0490-03) Water	Sampled: 06/18/01 12:25	Receive	d: 06/19/01	15:00					
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	*11	**	**	ч	н	11	
2-Hexanone	ND	2.00	**	Ħ	11	**	77	n	
Isopropylbenzene .	ND	0.500	e	n	tı	**	#	н	
p-Isopropyltoluene	ND	0.200	tt	17	ti	**	n	"	
Methylene chloride	ND	5.00	Tr.	**	11	11	п	**	
4-Methyl-2-pentanone	ND	2.00	11	**	11	u	Ħ	17	
Naphthalene	ND	0.500	n	и.	Ħ	11	#1	tr .	
n-Propylbenzene	ND	0.500	tt .	H	Ħ	e 7	**	19	
Styrene	ND	0.500	P	11	'n	tr	"	17	
1,1,1,2-Tetrachloroethane	ND	0.200	u	11	**	tt	n	**	
1,1,2,2-Tetrachloroethane	ND	0.500	H	11	**	•	11	n	
Tetrachloroethene	ND	0.200	**	n	**	17	n	н	
Toluene	ND	0.200	**	u	n	**	Ħ	H	
1,2,3-Trichlorobenzene	ND	0.200	tf.	u	•	17	н	**	
1,2,4-Trichlorobenzene	ND	0.200	II	11	11	н	n	er .	
1,1,1-Trichloroethane	ND	0.200	н	19	**	II .	11	tt	
1,1,2-Trichloroethane	ND	0.200	11	n	**	**	n	н	
Trichloroethene	ND	0.200	11	***	11	n		11	
Trichlorofluoromethane	ND	0.500	Ħ	u	н	11	11	**	
1,2,3-Trichloropropane	ND	0.500	tt	17	11	11	11	n	
1,2,4-Trimethylbenzene	ND	0.200	н	Ħ	**	Ħ	**	tf	
1,3,5-Trimethylbenzene	ND	0.500	п	***	**	Ħ	**	u	
Vinyl chloride	ND	0.200	••	**	**	11	**	11	
m,p-Xylene	ND	0.500	**	n	Ħ	"	"	"	
o-Xylene	ND	0.250	**	u	n	tt	11	n	
Surrogate: 1,2-DCA-d4		7-133			"	"	"	,,	
Surrogate: Toluene-d8	101 % 8	0-120			"	"	*	"	
Surrogate: 4-BFB	98.0 % 80	0-120			"	"	"	" ,	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting					_		
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B1F0490-04) Water	Sampled: 06/18/01 1	l3:13 Recei	ved: 06/19	0/01 15:00					
Acetone	ND	25.0	ug/i	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Benzene	ND	0.200	17	tt	u	II	tt .	ır	
Bromobenzene	ND	0.500	tf	п	11	11	tt	II .	
Bromochloromethane .	ND	0.200		11	n	11	11	"	
Bromodichloromethane	ND	0.200	n	Ħ	**	**	11	**	
Bromoform	ND	0.200	11	π	tr	**	н	n	
Bromomethane	ND	2.00	**	*	u	11	**	· ·	
2-Butanone	ND	2.00	**	11	11	u	н	11	
n-Butylbenzene	ND	0.200	**	П	*1	11	u	"	
sec-Butylbenzene	ND	0.200	17	11	17	**	n	"	
tert-Butylbenzene	ND	0.500	H	**	"	"	11	n	
Carbon disulfide	ND	0.500		**	u	17	tt.	11	
Carbon tetrachloride	ND	0.200	**	rt	и	#	te .	11	
Chlorobenzene	ND	0.200	**	ır	11	n n	п	11	
Chloroethane	ND	1.00	**	u	*11	II .	II	11	
Chloroform	ND	0.200	tt	*1	tt	"	11	*17	
Chloromethane	ND	1.00	ıı		14	n	**	**	
2-Chlorotoluene	ND	0.500	11	**		17	rr ·	ti	
4-Chlorotoluene	ND	0.500	n	n	ш	ŧı	II .	N	
Dibromochloromethane	ND	0.200	. 44	u	m	11	II	n	
1,2-Dibromo-3-chloropropane	ND	0.500	**	и	#	н	11	**	
1,2-Dibromoethane	ND	0.200	n	17	n	**	**	**	
Dibromomethane	ND	0.200	n	11	rr	11	**	Ħ	
1,2-Dichlorobenzene	ND	0.200	11	"	11	**	**	н	
1,3-Dichlorobenzene	ND	0.200	*1	"	Ħ	ır	ti	11	
1,4-Dichlorobenzene	ND	0.200	**	н	**	**	11	n	
Dichlorodifluoromethane	ND	0.500	H	11	17	"	**		
1,1-Dichloroethane	ND	0.200	п	н	**	"	H	17	
1,2-Dichloroethane	ND	0.200	11	**		11	11	н	
1,1-Dichloroethene	ND	0.200	**	**	ш	n	. u	U	
cis-1,2-Dichloroethene	ND	0.200	11	n	н	ш	u	11	
trans-1,2-Dichloroethene	ND	0.200	**	Ħ	**	**	11	**	
1,2-Dichloropropane	ND	0.200	tt	u	**	**	**	ŧı	
1,3-Dichloropropane	ND	0.200	ti .	**	**	**	11	**	
2,2-Dichloropropane	ND	0.500	n	rr -	tr	п	n ·	n	
1,1-Dichloropropene	ND	0.200	**	tt	n	n	u	н	
cis-1,3-Dichloropropene	ND	0.200	**	н	**	#	**	11	
trans-1,3-Dichloropropene	ND ND	0.200	ef	n n	"	11	Ħ	"	
rarm-1'2-rytetttotohtohette	עוצו	0.200				•			

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10D (B1F0490-04) Water	Sampled: 06/18/01	13:13 Recei	ived: 06/19	9/01 15:00					
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	**	**	11	tı	11	n	
2-Hexanone	ND	2.00	ıı	71	Ħ	17	11	**	
Isopropylbenzene .	ND	0.500	11	н	11	п	11	11	
p-Isopropyltoluene	ND	0.200	н	"	Ħ	11	**	n	
Methylene chloride	ND	5.00	U	H	11	11	**	n	
4-Methyl-2-pentanone	ND	2.00	11	H	11	11	17	II	
Naphthalene	ND	0.500	"	n	11	**	**	n	
n-Propylbenzene	ND	0.500	"	11	**	**	. 41	11	
Styrene	ND	0.500	**	11	**	**	*1	**	
1,1,1,2-Tetrachloroethane	ND	0.200	**	11	11	H	U	11	
1,1,2,2-Tetrachloroethane	ND	0.500	Ħ	**	11	n	11	**	
Tetrachloroethene	ND	0.200	n	11	11	11	11	tr	
Toluene	ND	0.200	II.	**	Ħ	17	**	u	
1,2,3-Trichlorobenzene	ND	0.200	Ħ	11	Ħ	11	"	u.	•
1,2,4-Trichlorobenzene	ND	0.200	11	11	Ħ	11	**	u	
1,1,1-Trichloroethane	ND .	0.200	11	**	H	*1	**	41	
1,1,2-Trichloroethane	ND	0.200	*1	II .	"	**	"	11	
Trichloroethene	ND	0.200	**	u	11	"	u	**	
Trichlorofluoromethane	ND	0.500	11	II	tr	n .	11	11	
1,2,3-Trichloropropane	ND	0.500	"	11	**	tt	н	11	
1,2,4-Trimethylbenzene	ND	0.200	**	n	11	Tr.	11	"	
1,3,5-Trimethylbenzene	ND	0.500	**	**	17	II .	11	n	
Vinyl chloride	ND	0.200	w.	11	**	11	11	**	
m,p-Xylene	ND	0.500	u	Ħ	11	11	"	Ħ	
o-Xylene	ND	0.250	н	!!	n 	***	11		
Surrogate: 1,2-DCA-d4	108 %	77-133			"	#	"	"	
Surrogate: Toluene-d8	100 %	80-120			"	"	"	"	
Surrogate: 4-BFB	101 %	80-120			. "	"	"	"	

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-10S (B1F0490-05) Water	Sampled: 06/18/01 1	4:03 Recei	ved: 06/19	/01 15:00					
Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Benzene	ND	0.200	17	**	"	11	11	Ħ	
Bromobenzene	ND	0.500	11	и	н	*1	н	Ħ	
Bromochloromethane .	ND	0.200	tf	n	17	t1	п	17	
Bromodichloromethane	ND	0.200	n	n n	11	**	II .	Ħ	
Bromoform	ND	0.200	ti	11	**	**	11	II .	
Bromomethane	ND	2.00	11	**	**	н	17	11	
2-Butanone	ND	2.00	11	11	**	u	17	II	
n-Butylbenzene	ND	0.200	**	**	Ħ	n	**	11	
sec-Butylbenzene	ND	0.200	17	n	u	u	n	11	
tert-Butylbenzene	ND	0.500	tf .	н	11	T	n	17	
Carbon disulfide	ND	0.500	11	Ħ	11	11	"	11	
Carbon tetrachloride	ND	0.200	п	u	*1	Ħ	11	19	
Chlorobenzene	ND	0.200	41	11	**	u	H	IP.	
Chloroethane	ND	1.00	11	11	11 .	ti	77	н	
Chloroform	ND	0.200	11	n	11	11	n	11	
Chloromethane	ND	1.00	n	**	n	11	tt	tr	
2-Chlorotoluene	ND	0.500	17	Ħ	н	17	п	t1	
4-Chlorotoluene	ND	0.500	n	n	n	**	11	tt	
Dibromochloromethane	ND	0.200	Ħ	n	H	n	H	н	
1,2-Dibromo-3-chloropropane	ND	0.500	u	n	11	Ħ	11	n	
1,2-Dibromoethane	ND	0.200	11	u	11	Ħ	11	II	
Dibromomethane	ND	0.200	#	11	11	11	**	a .	
1,2-Dichlorobenzene	ND	0.200	11	11	п	n	***	**	
1,3-Dichlorobenzene	ND	0.200	n	11	11	11	Ħ	n	
1,4-Dichlorobenzene	ND	0.200	11	н	11	ti	ti	t†	
Dichlorodifluoromethane	ND	0.500	н	11	11	II.	II	11	
1,1-Dichloroethane	ND	0.200	n	n	H	Ħ	11	11	
1,2-Dichloroethane	ND	0.200	ıı	ti	11	n	11	п	
1,1-Dichloroethene	ND	0.200	н	U	**	н	Ħ .	11	
cis-1,2-Dichloroethene	0.408	0.200	**	17	**	11	11	Ħ	
trans-1,2-Dichloroethene	ND	0.200	**	17	н	11	11	tt	
1,2-Dichloropropane	ND	0.200	**	17	н	11	н	n	
1,3-Dichloropropane	ND	0.200	rr	te	11	**	u	It	
2,2-Dichloropropane	ND	0.500	u	11	11	n	u ,	u	
1,1-Dichloropropene	ND	0.200	11	n	**	n	n	н	
cis-1,3-Dichloropropene	ND	0.200	n	u	**	n	17	н	
trans-1,3-Dichloropropene	ND	0.200	n	11	17	11	TI .	Ħ	
in Dividoroptopono	112	0.200							

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

`			Reporting						<u> </u>	
}	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
_	FPC-10S (B1F0490-05) Water	Sampled: 06/18/01	14:03 Recei	ved: 06/19/	01 15:00					
l	Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
í	Hexachlorobutadiene	ND	0.500	19	tt.	ti	e7	n	tr	
	2-Hexanone	ND	2.00	TT .		17	tt	Ħ	H	
1	Isopropylbenzene .	ND	0.500	ır	α,	n	ti	**	п	•
ļ	p-Isopropyltoluene	· ND	0.200	**	11	n	11	TI .	"	
	Methylene chloride	ND	5.00	**	17	11	Ħ	n	rr .	
	4-Methyl-2-pentanone	ND	2.00	**	**	71	47	11	r r	
,	Naphthalene	ND	0.500	rr ·	н	"	47	11	rr	
ļ	n-Propylbenzene	ND	0.500	н	Ħ	11	п	Ħ	11	
	Styrene	ND	0.500	II .	**	n	Ħ	н	n	
:	1,1,1,2-Tetrachloroethane	ND	0.200	11	"	п	n	n	**	
	1,1,2,2-Tetrachloroethane	ND	0.500	tt	n	n	Ħ	н	ii.	
	Tetrachloroethene	ND	0.200	"	71	**	Ħ	**	tf.	
	Toluene	. ND	0.200	11	li .	tt	Ħ	n	u	
	1,2,3-Trichlorobenzene	ND	0.200	u u	11	**	н	tt .	n ,	
	1,2,4-Trichlorobenzene	ND	0.200	11	11	H	H	н	**	
	1,1,1-Trichloroethane	ND	0.200	17	H	н	**	n	tt	
	1,1,2-Trichloroethane	ND	0.200	11	tr	41	**	11	tt	
ì	Trichloroethene	ND	0.200	Ħ	tr	rt	rr	17	II	
	Trichlorofluoromethane	ND	0.500	II	11	11	II.	Ħ	Ħ	
s I	1,2,3-Trichloropropane	ND	0.500	II .	11	u	II .	II	11	
t	1,2,4-Trimethylbenzene	ND	0.200	ii .	**	tt	11	11	n	
	1,3,5-Trimethylbenzene	ND	0.500	11	**	11	n	11	**	
	Vinyl chloride	ND	0.200	tr	tt	Ħ	11	11	tt	
ı	m,p-Xylene	ND	0.500	u	17	n	. "	**	n	
	o-Xylene	ND	0.250	17	11	**	n	H	n	
	Surrogate: 1,2-DCA-d4	110 %	77-133		-	"	#	**	n n	
	Surrogate: Toluene-d8	102 %	80-120			"	#	"	"	
	Surrogate: 4-BFB	98.5 %	80-120			"	rr ·	"	"	

North Creek Analytical - Bothell

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Woerman, Project Manager



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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

-,		R	eporting							
į	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-7 (B1F0490-06) Water	Sampled: 06/18/01 15:02	Receive	d: 06/19/01	15:00					
ļ	Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
ì	Benzene	ND	0.200	11	11	u	tt	11	n	
	Bromobenzene	ND	0.500	It	11	11	11	H	11	
	Bromochloromethane	ND	0.200	н	**	n	**	**	"	
;	Bromodichloromethane	ND	0.200	н	**	**	ti	**	tt	
	Bromoform	ND	0.200	**	**	"	u	**	Ħ	
-	Bromomethane	ND	2.00	**	u	17	**	**	Ħ	
1	2-Butanone	ND	2.00	11	n n	n	*1	**	п	
	n-Butylbenzene	ND	0.200	. 11	u	11	***	" .	11	
	sec-Butylbenzene	ND	0.200	u	11	11	tr	n	#	
	tert-Butylbenzene	ND	0.500	"	Ħ	11	11	n	11	
ı	Carbon disulfide	ND	0.500	Ħ	11	**	tt	II .	**	
	Carbon tetrachloride	ND	0.200	н	**	**	"	**	u	
r	Chlorobenzene	ND	0.200	11	11	rt	"	**	**	
	Chloroethane	ND	1.00	11	Ħ	Ħ	n	Ħ	n	
	Chloroform	. ND	0.200	11	Ħ	н	u	11	n	
	Chloromethane	ND	1.00	π	11	ıı	11	n	11	
1	2-Chlorotoluene	ND	0.500	11	11	11	**	11	11	
ι	4-Chlorotoluene	ND	0.500	u	Ħ	tr	17	11	11	
	Dibromochloromethane	ND	0.200	u	**	11	**	n	tt	
`	1,2-Dibromo-3-chloropropane	ND	0.500	11	"	"	н	11	rr	
	1,2-Dibromoethane	ND	0.200	"	**	**		**	Ħ	
	Dibromomethane	ND	0.200	w	**	н	u	n	11	
	1,2-Dichlorobenzene	ND	0.200	п	n	н	Ħ	n	11	
;	1,3-Dichlorobenzene	ND	0.200		н	**	11	n	**	
t	1,4-Dichlorobenzene	ND	0.200	*	11	11	*1	ıı	tr	
	Dichlorodifluoromethane	ND	0.500	tr	"	**	**	II .	er e	
•	1,1-Dichloroethane	ND	0.200	H	**		"	11	tt	
1	1,2-Dichloroethane	ND	0.200	u	11	**	17	n.	II .	
-	1,1-Dichloroethene	ND	0.200	11	H	**	u	**	u	
-	cis-1,2-Dichloroethene	ND	0.200	91	**	**	ŧi	11	и	
1	trans-1,2-Dichloroethene	ND	0.200	n	ır	Ħ	11	tt.	Ħ	
;	1,2-Dichloropropane	ND	0.200	**	n	"	"	u	n	
	1,3-Dichloropropane	ND	0.200	"	11	#	tt	u	n	
;	2,2-Dichloropropane	ND	0.500	**	"	**	"		Ħ	
-	1,1-Dichloropropene	ND	0.200	**	11	*1	**	U	Ħ	
-	cis-1,3-Dichloropropene	ND	0.200	11	"	**	Ħ	11	п	
-	trans-1,3-Dichloropropene	ND	0.200	н	"	н	11	tt	Ħ	

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	1		Reporting		_					
,	Analyte	Result	· Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-7 (B1F0490-06) Water	Sampled: 06/18/01 15:02	2 Receive	d: 06/19/01	15:00					
í	Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
	Hexachlorobutadiene	ND	0.500	H	**	Ħ	41	u .	n	
	2-Hexanone	ND	2.00	11	II.	Ħ	**	п	11	
	Isopropylbenzene .	ND	0.500	11	11	II .	11	n	н	
	p-Isopropyltoluene	ND	0.200	tt	**	n	"	**	n	
	Methylene chloride	ND	5.00	n	#	**	11	**	**	
	4-Methyl-2-pentanone	ND	2.00	t†	**	**	n	Ħ	**	
,	Naphthalene	ND	0.500	ц	**	**	п	*	tt	
	n-Propyibenzene	ND	0.500	41	tr	**	11	H	11	
	Styrene	ND	0.500	п	u	u	#	Ħ	п	
	1,1,1,2-Tetrachloroethane	ND	0.200	11	n	ti	11	II	11	
,	1,1,2,2-Tetrachloroethane	ND	0.500	17	11	11	II .	11	n	
	Tetrachloroethene	ND	0.200	11	"	*1	11	**	11	
	Toluene	ND	0.200	**	**	**	н	**	t1	
	1,2,3-Trichlorobenzene	ND	0.200	**	"	11	"	ři.	"	
	1,2,4-Trichlorobenzene	ND	0.200	11	11	tt	17	tt	IT	
	1,1,1-Trichloroethane	ND	0.200	n	"	п	11	11	н	
	1,1,2-Trichloroethane	ND	0.200	**	n	н	"	11	11	
	Trichloroethene	ND	0.200	**	"	"	ı	11	tt	
	Trichlorofluoromethane	ND	0.500	11	ŧ	**	II	11	11	
	1,2,3-Trichloropropane	ND	0.500	11	11	**	11	11	Ħ ·	
ı	1,2,4-Trimethylbenzene	ND	0.200	u	#	**	M	Ħ	tt	
	1,3,5-Trimethylbenzene	ND	0.500	U	н	tt	"	u	If	
	Vinyl chloride	ND	0.200	11	tt	te	**	II	**	
	m,p-Xylene	ND	0.500	11	Ħ	H	**	11	11	
	o-Xylene	ND	0.250	**		н	· · · · · · · · · · · · · · · · · · ·	11	11	
	Surrogate: 1,2-DCA-d4	112 % 7	77-133			"	tt .	"	"	
	Surrogate: Toluene-d8		80-120			"	"	"	"	
,	Surrogate: 4-BFB	99.0% 8	80-120			"	"	tt	#	

North Creek Analytical - Bothell

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URS Corporation Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		R	eporting							 1
1	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-2 (B1F0490-07) Water	Sampled: 06/18/01 16:15	Receive	d: 06/19/01	15:00					
	Acetone	· ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
	Benzene	ND	0.200	n	11	n	**	n	71	
	Bromobenzene	ND	0.500	H	17	11	**	"	Ħ	
ı	Bromochloromethane .	ND	0.200	Ħ	**	II	n	#	tt.	
ì	Bromodichloromethane	ND	0.200	11	**	"	"	**	t†	
	Bromoform	ND	0.200	#	**	"	**		tt .	
	Bromomethane	ND	2.00	**	"	11	11	**	ņ	
į	2-Butanone	ND	2.00	**	"	11	**	11	11	
	n-Butylbenzene	ND	0.200	**	**	17	**	**	lf .	
	sec-Butylbenzene	ND	0.200	**	**	**	н	u	tr	
	tert-Butylbenzene	ND	0.500	n .	**	"	u	ti .	**	
	Carbon disulfide	ND	0.500	n	**	"	u	н	n	
	Carbon tetrachloride	ND	0.200	п	п	n	"	tl .	**	
ì	Chlorobenzene	ND	0.200	н	u	n	11	H .	**	
į	Chloroethane	ND	1.00		п	11	u	11	ti	
-	Chloroform	ND	0.200	tt	u	н	· ·	Ħ	tt	
	Chloromethane	ND	1.00	н	U	11	н	11	tf	
ι	2-Chlorotoluene	ND	0.500	n	n		**	**	11	
(J	4-Chlorotoluene	ND	0.500	**	**	**	**	"	11	
	Dibromochloromethane	ND	0.200	11	11	**	Ħ	11	II	
,	1,2-Dibromo-3-chloropropane	ND	0.500	п	11	tt	**	**	Ħ	
	1,2-Dibromoethane	ND	0.200	**	11	**	11	"	If	
	Dibromomethane	ND	0.200	11	*7	tt	0	H	н	
_	1,2-Dichlorobenzene	ND	0.200	**	17	tt	n	n	11	
(1,3-Dichlorobenzene	ND	0.200	77	11	tt	lf .	n	ti	
į	1,4-Dichlorobenzene	ND	0.200	Ħ	**	**	п	n	Ħ	
	Dichlorodifluoromethane	ND	0.500	#	**	u	11	n	Ħ	
í	1,1-Dichloroethane	ND	0.200	**	Ħ	н	u	11	**	
	1,2-Dichloroethane	ND	0.200	н	tt	u	II .	II	11	
	1,1-Dichloroethene	ND	0.200	Ħ	n	ti .	11	11	tt	
	cis-1,2-Dichloroethene	0.489	0.200	n	Ħ	u	#1	**	Ħ	
	trans-1,2-Dichloroethene	ND	0.200	11	11	n	**	11	U	
	1,2-Dichloropropane	ND	0.200	11	II	11	"	11	If	
	1,3-Dichloropropane	ND	0.200	ıı	n	u	**	11	II	
ĺ	2,2-Dichloropropane	ND	0.500	11	11	**	**	n -	If	
	1,1-Dichloropropene	ND	0.200	₩.	. 11	**	**	Ħ	11	
	cis-1,3-Dichloropropene	ND	0.200	**	**	**	"	"	*1	
`,	trans-1,3-Dichloropropene	ND	0.200	tt .	tf	**	tt	Ĭř.	Ħ	
Ĺ										

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

		Reporting				<u>-</u>			
Analyte	Result	Limit	Units	Dilution -	Batch	Prepared	Analyzed	Method	Notes
FPC-2 (B1F0490-07) Water	Sampled: 06/18/01 16:1	5 Receive	d: 06/19/01	1 15:00					,
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	11	**	41	"	tr	77	
2-Hexanone	ND	2.00	H	**	**	tr .	**	n	
Isopropylbenzene .	ND	0.500	Ħ	**	11	н	*1	11	
p-Isopropyltoluene	ND	0.200	II .	Ħ	**	11	**	11	
Methylene chloride	ND	5.00	n	п	II	17	**	11	
4-Methyl-2-pentanone	ND	2.00	**	11	rr	11	Ħ	**	
Naphthalene	ND	0.500	**	17	н	11	u	te	
n-Propylbenzene	ND	0.500	H	**	Ħ	tr	11	tr	
Styrene	ND	0.500	n	II .	17	ti .	11	п	
1,1,1,2-Tetrachloroethane	ND	0.200	11	u	n	11	Ħ	11	
1,1,2,2-Tetrachloroethane	ND	0.500	11	17	11	ti	n	#	
Tetrachloroethene	ND	0.200	"	H		**	H	*	
Toluene	ND	0.200	**	tt	**	**	11	n	
1,2,3-Trichlorobenzene	ND	0.200	н	· H	**	l7	t 1	н	
1,2,4-Trichlorobenzene	ND	0.200	u	н	n	н	n	*1	
1,1,1-Trichloroethane	ND	0.200	17	11	н	Ħ	ø	**	
1,1,2-Trichloroethane	ND	0.200	17	11	ır	17	ŧı	17	
Trichloroethene	ND	0.200	н	17	11	17	11	**	
Trichlorofluoromethane	ND	0.500	ti	tr .	n	н	11	If	
1,2,3-Trichloropropane	ND	0.500	n		n	11	11	ıı .	
1,2,4-Trimethylbenzene	ND	0.200	11	#	n	11	rr	11	
1,3,5-Trimethylbenzene	ND	0.500	**	**	tr	**	n .	11	
Vinyl chloride	ND	0.200	**	17	н	**	H	**	
m,p-Xylene	ND	0.500	tt	Ħ	**	n	н	*1	
o-Xylene	ND	0.250	**	Ħ	**	n	ti	н	
Surrogate: 1,2-DCA-d4	116%	77-133			"	"	"	"	<u>.</u>
Surrogate: Toluene-d8	99.2 %	80-120			**	"	"	"	
Surrogate: 4-BFB	98.8 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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URS Corporation Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-8D (B1F0490-08) Water	Sampled: 06/18/01 16	6:55 Receiv	ed: 06/19/	01 15·00				<u></u>	
Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Benzene	ND ND	0.200	ug/1	1 11	112/044	00/2//01 H	00/27/01	BI A 6200D	
Bromobenzene	ND	0.500	н	н	11	н		11	
Bromochloromethane	ND ND	0.200	**		17	11	n	**	
Bromodichloromethane	ND ND	0.200	H	11		n	п	п	
Bromoform	ND	0.200		**	н	11	**	п	
Bromomethane	ND ND	2.00	н	**	н		**	11	
2-Butanone		2.00	11	**				**	
	ND	0.200	"	 H	" "	"		n	
n-Butylbenzene	ND		"	" N	"	" "	" H	11	
sec-Butylbenzene	ND	0.200	"	"	"	"	"	**	
tert-Butylbenzene	ND	0.500	".	"	" "	" "	" H		
Carbon disulfide	ND	0.500		"	"	" "	" "	н	
Carbon tetrachloride	ND	0.200						,	
Chlorobenzene	ND	0.200	11	11		**	**	,	
Chloroethane	ND	1.00	11	Ħ	н	10	11		
Chloroform	ND	0.200	11	If	"	tf	#	"	
Chloromethane	ND	1.00	**	n	**	It	tt.	**	
2-Chlorotoluene	ND	0.500	u	41	н	u	II	tt	
4-Chlorotoluene	ND	0.500	tt	**	н	*1	n	**	
Dibromochloromethane	ND	0.200	n	11	H	**	Ħ	11	
1,2-Dibromo-3-chloropropane	ND	0.500	п	17	11	***	H	II .	
1,2-Dibromoethane	ND	0.200	II	tt	**	11	ır	11	
Dibromomethane	ND	0.200	**	tt	11	11	п	11	
1,2-Dichlorobenzene	ND	0.200	**		**	n	н	**	
1,3-Dichlorobenzene	ND	0.200	**	н	H	11	п	tt	
1,4-Dichlorobenzene	ND	0.200	**	"	tt	**	11	tt .	
Dichlorodifluoromethane	· ND	0.500	tr	n	11	**	п.	п	
1,1-Dichloroethane	ND	0.200	ti		и	17	**	и	
1,2-Dichloroethane	ND	0.200	II .	II.	н	Ħ	**	11	
1,1-Dichloroethene	ND	0.200	н	u	**	Ħ	н	Ħ	
cis-1,2-Dichloroethene	ND	0.200	**	n	**	H	n	Ħ	
trans-1,2-Dichloroethene	ND	0.200	**	11	**	17	n	tf	
1,2-Dichloropropane	ND	0.200	11	н	t _T	11	11	n	
1,3-Dichloropropane	ND	0.200	н	n	TP.	*11	11	u	
2,2-Dichloropropane	ND	0.500	н	н	u	**	" .	11	
1,1-Dichloropropene	ND	0.200		11	11	11	H	n	
cis-1,3-Dichloropropene	ND	0.200	**	17	**	11	ti	#	
trans-1,3-Dichloropropene	ND	0.200	**	11	**	11	n	n	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
FPC-8D (B1F0490-08) Water	Sampled: 06/18/01	16:55 Receiv	ed: 06/19/	01 15:00				<u> </u>	
Ethylbenzene	ND	0.200	ug/i	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.500	u	tt	"	**	11	п	
2-Hexanone	ND	2.00	Ħ	H	11	Ħ	IT	н	
Isopropylbenzene .	ND	0.500	n	11	**	n	"	11	
p-Isopropyltoluene	ND	0.200	**	77	**	и	Ħ	11	
Methylene chloride	ND	5.00	**	19	**	11	Ħ	"	
4-Methyl-2-pentanone	ND	2.00	n	"	n	Ħ	n	ti.	
Naphthalene	ND	0.500	11	u	III	н	tt	н	
n-Propylbenzene	ND	0.500	п	**	**	u	IF.	Ħ	
Styrene	ND	0.500	**	11	n	п	11	17	
1,1,1,2-Tetrachloroethane	ND	0.200	17	17	rr	**	11	te	
1,1,2,2-Tetrachloroethane	ND	0.500	tt	n	n	н	н	п	
Tetrachloroethene	ND	0.200	U	11	n	n	n	Ħ	
Toluene	ND	0.200	11	n	11	ti	н	Ħ	
1,2,3-Trichlorobenzene	ND	0.200	11	17	**	11	*1	н	
1,2,4-Trichlorobenzene	ND	0.200	11	tr	"	n	11	н	
1,1,1-Trichloroethane	ND	0.200	Ħ	II.	n	17	tf .	11	
1,1,2-Trichloroethane	ND	0.200	и	11	н	н	u	#	
Trichloroethene	ND	0.200	n	**	ŧŧ	п	"	*	
Trichlorofluoromethane	ND	0.500		**	17	11	Ħ	II	
1,2,3-Trichloropropane	ND	0.500	tt	tr	tt	17	**	II .	
1,2,4-Trimethylbenzene	ND	0.200	Ħ	IP	11	н	rr .	*1	
1,3,5-Trimethylbenzene	ND	0.500	н	**	**	и	n	ti	
Vinyl chloride	ND	0.200	н	**	#	**	#	tt	
m,p-Xylene	ND	0.500	**	n	*1	n	"	п	
o-Xylene	ND	0.250	**	n	**	n	TT .	н	
Surrogate: 1,2-DCA-d4	116%	77-133			"	"	"	"	
Surrogate: Toluene-d8	99.8 %	80-120			"	"	"	#	
Surrogate: 4-BFB	103 %	80-120			"	"	"	"	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400

Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00

Project Manager: David Raubvogel

Reported:

07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Re	porting	-						
E	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-8S (B1F0490-09) Water	Sampled: 06/18/01 17:43	Receiv	ed: 06/19/0	1 15:00					
•	Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
ŧ	Benzene	ND	0.200	11	17	n	n	11	**	
	Bromobenzene	ND	0.500	tf	u	11	11	11	tt	
	Bromochloromethane .	ND	0.200	n	n	41	11	11	If	
Î	Bromodichloromethane	ND	0.200	н	н	"	11	11	п	
	Bromoform	ND	0.200	a	**	Ħ	n	"	11	
	Bromomethane	ND	2.00	n	**	u	н	н	н	
,	2-Butanone	ND	2.00	**	п	11	11	11	"	
	n-Butylbenzene	ND	0.200	"	**	**	#	n	u	
	sec-Butylbenzene	ND	0.200	н	*1	**	**	TT	**	
) 	tert-Butylbenzene	ND	0.500	H	**	п	н	u	tt	
	Carbon disulfide	ND	0.500	11	ti	11	11	n	tt	
	: Carbon tetrachloride	ND	0.200	**	11	11	**	**	**	
,	Chlorobenzene	ND	0.200	н	11	**	**	U	**	
	Chloroethane	ND	1.00	n	**	n	п	Ħ	**	
	Chloroform	ND	0.200	**	11	n	n		rr .	
	Chloromethane	ND	1.00	**	u	n	11	11	11	
	2-Chlorotoluene	ND	0.500	н	н	11	"		, 0	
'	4-Chlorotoluene	ND	0.500	Ħ	#1	n	tt		**	
	Dibromochloromethane	ND	0.200	n	11	**	tt	U	**	
	1,2-Dibromo-3-chloropropane	ND	0.500	11	11	m .	n	ti	***	
)	1,2-Dibromoethane	ND	0.200	11	11	11	n	11	n	
	Dibromomethane	ND	0.200	11	11	**	Ħ	**	11	
	1,2-Dichlorobenzene	ND	0.200	n	41	11	r	ti.	n	
,	1,3-Dichlorobenzene	ND	0.200	н	н	н	*1	It	н	
	1,4-Dichlorobenzene	ND	0.200	11	н	11	**	н	11	
	Dichlorodifluoromethane	ND	0.500	H	11	*1	**	tt	11	
	1,1-Dichloroethane	ND	0.200	11	11	*1	#	tt	п	
!	1,2-Dichloroethane	ND	0.200	н	**	tf	r	tt	n	
,	1,1-Dichloroethene	ND	0.200	Ħ	**	н	u	If	TT .	
	cis-1,2-Dichloroethene	2.04	0.200	17	11	Ħ	n	n	H .	
	trans-1,2-Dichloroethene	ND	0.200	17	**	Ħ	n	11	н	
	1,2-Dichloropropane	·ND	0.200	н	11	**	**	n	**	
	1,3-Dichloropropane	ND	0.200	н	**	10	rr ·	11	rr .	
	2,2-Dichloropropane	ND	0.500	Ħ	tt	Ħ	. "	и .	n	
	1,1-Dichloropropene	ND	0.200	97	11	11	**	11	п	
	cis-1,3-Dichloropropene	ND	0.200	tr	11	n	tr	Ħ	н	
	trans-1,3-Dichloropropene	ND	0.200	Ħ	ti	IT .	tt	H	n	
		112	J.200							

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
FPC-8S (B1F0490-09) Water	Sampled: 06/18/01 17	:43 Receive	ed: 06/19/(15:00				_		
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B		
Hexachlorobutadiene	ND	0.500	tt	n	17	n	11	u		
2-Hexanone	2.06	2.00	17	n	11	"	н	**		
Isopropylbenzene	ND	0.500	11	11	u	n	H	**		
p-Isopropyltoluene	ND	0.200	"	n	**	n	41	11		
Methylene chloride	ND	5.00	**	u	**	11	**	11		
4-Methyl-2-pentanone	2.08	2.00	u	н	**	11	Ħ	Ħ		
Naphthalene	ND	0.500	11	**	11	n.	н	n		
n-Propylbenzene	ND	0.500	11	"	Ħ	n	II	. 11		
Styrene	ND	0.500	11	**	11	n	tt	*1		
1,1,1,2-Tetrachloroethane	ND	0.200	**	U	*1	**	H .	11		
1,1,2,2-Tetrachloroethane	ND	0.500	n	11	**	17	н	n		
Tetrachloroethene	ND	0.200	Ħ	77	11	11	11	н		
Toluene	ND	0.200	Ħ	77	н	Ħ	11	. "		
1,2,3-Trichlorobenzene	ND	0.200	•	Ħ	11	11	"	н		
1,2,4-Trichlorobenzene	ND	0.200	Ħ	Ħ	11	77	11	*1		
1,1,1-Trichloroethane	ND	0.200	н	11	11	**	tt .	**		
1,1,2-Trichloroethane	ND	0.200	11	**	ti	ŧŧ	ıı	**		
Trichloroethene	ND	0.200	n	tt	II .	Ħ	Ħ	11		
Trichlorofluoromethane	ND	0.500	н	n	**	"	**	11		
1,2,3-Trichloropropane	ND	0.500	tr	II	"	**	**	ŧı		
1,2,4-Trimethylbenzene	ND	0.200	п	11	**	Ħ	"	ti .		
1,3,5-Trimethylbenzene	ND	0.500	11	**	u	11	n	tt		
Vinyl chloride	ND	0.200	**	**	II .	**	**	ti		
m,p-Xylene	ND	0.500	**	n	**	**	17	n		
o-Xylene	ND	0.250	n	u	н	**	Ħ	11		
Surrogate: 1,2-DCA-d4	116%	77-133			"	"	"	"		
Surrogate: Toluene-d8		80-120			"	"	n	"		
Surrogate: 4-BFB	98.2 %	80-120			"	"	"	"		

North Creek Analytical - Bothell

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URS Corporation

Seattle WA, 98101-1616

1501 4th Avenue, Suite 1400

Project: LFP-Forest Park Cleaners Project Number: 53-28171927.00

Project Manager: David Raubvogel

Reported:

07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B1F0490-10) Water	Sampled: 06/18/01 18	:30 Receiv	ed: 06/19/0)1 15:00					
Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Benzene	ND	0.200	H	tt.	Ħ	н	#	n	
Bromobenzene	ND	0.500	Ħ	n	**	n	**	11	
Bromochloromethane	ND	0.200	**	н	••	Ħ	11	11	
Bromodichloromethane	ND	0.200	**	u	*1	11	ŧ	11	
Bromoform	ND	0.200	н	u	*7	n	tr	**	
Bromomethane	ND	2.00	11	п	**	11	**	11	
2-Butanone	ND	2.00	11	Ħ	Ħ	11	н	н	
n-Butylbenzene	ND	0.200	11	11	77	**	n	m	
sec-Butylbenzene	ND	0.200		Ħ	rr .	11	n	Ħ	
tert-Butylbenzene	ND	0.500	77	ŧτ	н	11	11	Ħ	
Carbon disulfide	ND	0.500	11	Ħ	II.	11	**	, N	
Carbon tetrachloride	ND	0.200	11	н	II .	н	**	н	
Chlorobenzene	ND	0.200	n	п	u	u	Ħ	II .	
Chloroethane	ND	1.00	Ħ	н	11	n	**	n	
Chloroform	ND	0.200	"	u	н	н	11	**	
Chloromethane	ND	1.00	"	п	11	ır	17	**	
2-Chlorotoluene	ND	0.500	ti	п	n	11	*	77	
4-Chlorotoluene	ND	0.500	u	11	ŧī	н	н	11	
Dibromochloromethane	ND	0.200	n	π	tr	11	Ħ	π	
1,2-Dibromo-3-chloropropane	ND	0.500	11	**	"	#	11	Ħ	
1,2-Dibromoethane	ND	0.200	и	π	"	11	n	Ħ	
Dibromomethane	ND	0.200	*1	77	**	tt .	**	. "	
1,2-Dichlorobenzene	ND	0.200	ŧı	n	"	**	11	н	
1,3-Dichlorobenzene	ND	0.200	H	Ħ	**	tr	11		
1,4-Dichlorobenzene	ND	0.200	u	Ħ	n	"	n	н	
Dichlorodifluoromethane	ND	0.500	н	•	Ħ	Ħ	n	Ħ	
1,1-Dichloroethane	ND	0.200	**	**	Ħ	11	n	11	
1,2-Dichloroethane	ND	0.200	l1	"	n	n	11	11	
1,1-Dichloroethene	ND	0.200	u	Ħ	н	n	"	"	
cis-1,2-Dichloroethene	ND	0.200	ti .	π	n	Ħ	17	Ħ	
trans-1,2-Dichloroethene	ND	0.200	n	п	11	11	"	**	
1,2-Dichloropropane	ND	0.200	11	u	11	11	11	**	
1,3-Dichloropropane	ND	0.200	**	II .	n	Ħ	n	"	
2,2-Dichloropropane	ND	0.500	11	н	11	"	π.	"	
1,1-Dichloropropene	ND	0.200	11	n	11	н	11	11	
cis-1,3-Dichloropropene	ND	0.200	m	ıı	77	77	n	II .	
trans-1,3-Dichloropropene	ND	0.200	u	rı	r	tt	11	11	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel Reported:

07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

		Reporting	•			-			
Analyte .	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9D (B1F0490-10) Water	Sampled: 06/18/01	18:30 Receiv	ed: 06/19/	01 15:00		_		_	
Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	·
Hexachlorobutadiene	ND	0.500	11	II	If	11	H	n	
2-Hexanone	ND	2.00	Ħ	n	**	11	н	и	
Isopropylbenzene .	ND	0.500	**	**	"	11	Ħ	n	
p-Isopropyltoluene	ND	0.200	**	Ħ	Ħ	**	tt	m m	
Methylene chloride	ND	5.00	11	11	u	π	tt .	**	
4-Methyl-2-pentanone	ND	2.00	**	11	"	**	11	II .	
Naphthalene	ND	0.500	**	77	*1	***	τŧ	11	
n-Propylbenzene	ND	0.500	**	**	"	11	**	77	
Styrene	ND	0.500	11	ı	11	н	**	17	
1,1,1,2-Tetrachloroethane	ND	0.200	II	II	11	н	Ħ	n	
1,1,2,2-Tetrachloroethane	ND	0.500	41	**	n	**	11	11	
Tetrachloroethene	ND	0.200	**	**	**	11	rr rr	**	
Toluene	ND	0.200	II .	u	"	н	tt	t7	
1,2,3-Trichlorobenzene	ND	0.200	"	n	11	п	tt	TP	
1,2,4-Trichlorobenzene	ND	0.200	11	17	n	77	n	11	
1,1,1-Trichloroethane	ND	0.200	+1	17	**	**	**	**	
1,1,2-Trichloroethane	ND	0.200	Ħ	tf	11	ti .	n	**	
Trichloroethene	ND	0.200	н	n	н	"	ıı	tr	
Trichlorofluoromethane	ND	0.500	11	u	**	**	11	II .	
1,2,3-Trichloropropane	ND	0.500	*1	n	n	"	**	11	
1,2,4-Trimethylbenzene	ND	0.200	**	11	11	n	**	tt.	
1,3,5-Trimethylbenzene	ND	0.500	11	tt	**	u	W	17	
Vinyl chloride	ND	0.200	п	u	Ħ	17	н	u	
m,p-Xylene	ND	0.500	11	#	n	n	Ħ	11	
o-Xylene	ND	0.250	н	"	T7	n	"	Ħ	
Surrogate: 1,2-DCA-d4	116 %	77-133	<u> </u>		"	"	"	#	
Surrogate: Toluene-d8	100 %	80-120			"	"	"	"	
Surrogate: 4-BFB	99.0 %	80-120			"	".	"	"	

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Analyte	Result	porting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-9S (B1F0490-11) Water	Sampled: 06/18/01 19:05	Receiv	ed: 06/19/0	1 15:00					
Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Benzene	ND	0.200	11	11	н	**	u		
Bromobenzene	ND	0.500	11	**	H	**	11	n	
Bromochloromethane .	ND	0.200	ŧı	11	. "	n	**	**	
Bromodichloromethane	ND	0.200	n	**	Ħ	n	+7	tt	
Bromoform	ND	0.200	н	11	**	11	**	и	
Bromomethane	ND	2.00	#	n	er	u	tt	u	
2-Butanone	ND	2.00	n	Ħ	"	**	u	u	
n-Butylbenzene	ND	0.200	Ħ	77	er .	tf	11	11	
sec-Butylbenzene	ND	0.200	11	**	#1	n	#1	**	
tert-Butylbenzene	ND	0.500	ti .	tr	11	н	n	11	
Carbon disulfide	0.516	0.500	Ħ	•	**	и	11	**	
Carbon tetrachloride	ND	0.200	н	"	Ħ	Ħ	н	n	
Chlorobenzene	ND	0.200	п	**	**	**	11	u u	
Chloroethane	ND	1.00	*1	t†	Ħ	**	**	**	
Chloroform	ND	0.200	**	#	11	н	*1	**	
Chloromethane	ND	1.00	"	n	н	n	#	**	
2-Chlorotoluene	ND	0.500	"	11	11	11	**	н	
4-Chlorotoluene	ND	0.500	11	11	**	n	11	11	
Dibromochloromethane	ND	0.200	II .	11	11	11	n	п	
1,2-Dibromo-3-chloropropane	ND	0.500	11	ır	Tr.	н	11	n	
1,2-Dibromoethane	ND	0.200	**	"	11	m	**	rr	
Dibromomethane	ND	0.200	**	Ħ	**	11	Ħ	Ħ	
1,2-Dichlorobenzene	ND	0.200	tr .	19	**	**	n	11	
1,3-Dichlorobenzene	ND	0.200	п	*1	**	**	n	11	
1,4-Dichlorobenzene	ND	0.200	**	н	11	н	"	**	
Dichlorodifluoromethane	ND	0.500	e	tt .	n	n	**	n	
1,1-Dichioroethane	ND	0.200	Ħ	**	u	11	**	tt .	
1,2-Dichloroethane	ND	0.200	n	н	ti	**	"	tt	
1,1-Dichloroethene	ND	0.200	H	11	11	**	"	11	
cis-1,2-Dichloroethene	0.276	0.200	11	11	Ħ	"	"	11	
trans-1,2-Dichloroethene	ND	0.200	**	**	**	H	11	11	
1,2-Dichloropropane	ND	0.200	**	rt	II .	u	tı .	**	
1,3-Dichloropropane	ND	0.200	**	**	11	u	17	Ħ	
2,2-Dichloropropane	ND	0.500	17	IT	11	**	n .	n	
1,1-Dichloropropene	ND	0.200	17	**	**	u	II	*1	
cis-1,3-Dichloropropene	ND	0.200	17	**	**	rt .	11	**	
trans-1,3-Dichloropropene	ND	0.200	*1	н	17	n	17	11	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel Reported:

07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B

North Creek Analytical - Bothell

,			Reporting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	FPC-9S (B1F0490-11) Water	Sampled: 06/18/01 1	9:05 Receiv	ed: 06/19/0	01 15:00	_				
:	Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
	Hexachlorobutadiene	ND	0.500	**	n	n	n	**	n	
	2-Hexanone	ND	2.00	**	u	**	π	11	н	
1	Isopropylbenzene .	ND	0.500	**	11	**	H	**	#	
í	p-Isopropyltoluene	ND	0.200		*1	**	11	11	11	
	Methylene chloride	ND	5.00	**	**	11	*1	Ħ	**	
ì	4-Methyl-2-pentanone	ND	2.00	"	**	11	tt	u	tr.	
	Naphthalene	ND	0.500	**	**	11	"	11	tt.	
;	n-Propylbenzene	ND	0.500	e 1	н	Ħ	Ħ	11	н	
	Styrene	ND	0.500	47	10	**	tt	"	н	
	1,1,1,2-Tetrachloroethane	ND	0.200	tt	H	tt	n	n	Ħ	
)	1,1,2,2-Tetrachloroethane	ND	0.500	a	**	Ħ	*11	lt .	ti .	
	Tetrachloroethene	ND	0.200	ti	11	n	**	It	tt	
	Toluene	ND	0.200	II .	**	н	**	н	II	
	1,2,3-Trichlorobenzene	ND	0.200	н	u	"	**	11	11	
•	1,2,4-Trichlorobenzene	ND	0.200	H	н	"	Ħ	11	u	
	1,1,1-Trichloroethane	ND	0.200	**	H	"	11	n	"	
ì	1,1,2-Trichloroethane	ND	0.200	"	11	17	**	rt	**	
!	Trichloroethene	ND	0.200	н	11	17	н	u	u	
	Trichlorofluoromethane	ND	0.500	н	н	ŧi	н	H	tt	
	1,2,3-Trichloropropane	ND	0.500	н	н	11	· ·	U	11	
	1,2,4-Trimethylbenzene	ND	0.200	u	u	**	n	ıı	n	
	1,3,5-Trimethylbenzene	ND	0.500	11	II	**	11	**	n	
ı	Vinyl chloride	2.90	0.200	н	11	17	u	**	"	
1	m,p-Xylene	ND	0.500	11	н		11	11	**	
ş	o-Xylene	ND	0.250	"	**	` #	11	#		
,	Surrogate: 1,2-DCA-d4	118 %	77-133			"	"	"	"	
	Surrogate: Toluene-d8	101 %	80-120			"	"	"	"	
	Surrogate: 4-BFB	100 %	80-120			"	u	#	"	

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00 Project Manager: David Raubvogel Reported:

07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

	R	eporting						.	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FPC-3 (B1F0490-12) Water	Sampled: 06/18/01 19:50	Receive	d: 06/19/01	15:00					•
Acetone	ND	25.0	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B	
Benzene	ND	0.200	17	п	"	**	"	н	
Bromobenzene	ND	0.500	**	n	**	**	11	π	
Bromochloromethane .	ND	0.200	ti	11	*1	11	**	11	
Bromodichloromethane	ND	0.200	11	u	**	**	14	**	
Bromoform	ND	0.200	11	11	**	**	ti	"	
Bromomethane	ND	2.00	"	11	**	"	"	"	
2-Butanone	ND ·	2.00	11	и	"	**	11	"	
n-Butylbenzene	ND	0.200	11	11	17	. "	"	Ħ	
sec-Butylbenzene	ND	0.200	11	**	11	**	n	"	
tert-Butylbenzene	ND	0.500	**	. "	11	**	**	п	
Carbon disulfide	ND	0.500	11	n	11	tı	"	n	
Carbon tetrachloride	ND	0.200	н	"	**	tt	17	"	
Chlorobenzene	ND	0.200	11	Ħ	н	n	11	п	
Chloroethane	ND	1.00	17	**	Ħ	н	17	n	
Chloroform	ND	0.200	10	п	н	n	Ħ	Ħ	
Chloromethane	ND	1.00	tf.	п	п	II .	t†	u	
2-Chlorotoluene	ND	0.500	"	п	н	n	11	u	
4-Chlorotoluene	ND	0.500	II	Ħ	11	11	et	11	
Dibromochloromethane	ND	0.200	ıı	ŧ	11	n	п	II .	
1,2-Dibromo-3-chloropropane	ND	0.500	".	11	11	11	TF .	11	
1,2-Dibromoethane	ND	0.200	н	11	11	11	11	11	
Dibromomethane	ND	0.200	11	11	71	*1	"	**	
1,2-Dichlorobenzene	ND	0.200	"	Ħ	"	11	H	11	
1,3-Dichlorobenzene	ND	0.200	11	11	ŧi	**	"	11	
1,4-Dichlorobenzene	ND	0.200	11	n	**	17	11	11	
Dichlorodifluoromethane	ND	0.500	н	Ħ	**	11	11	**	
1,1-Dichloroethane	ND	0.200	n	11	**	**	#1	11	
1,2-Dichloroethane	ND	0.200	11	11	*1	**		**	
1,1-Dichloroethene	, ND	0.200	n	ŧŧ	**	**	*1	Ħ	
cis-1,2-Dichloroethene	ND	0.200		11	**	19	11	10	
trans-1,2-Dichloroethene	ND	0.200	**	Ħ	n	11	Ħ	11	
1,2-Dichloropropane	ND	0.200	π	n	**	**	71	11	
1,3-Dichloropropane	ND	0.200	Ħ	н	77	11	#	10	
2,2-Dichloropropane	ND	0.500	tt.	"	**	ч	. "	11	
1,1-Dichloropropene	ND	0.200	Ħ	#	11	н	11	tt	
cis-1,3-Dichloropropene	ND	0.200	н	**	n	п		**	
trans-1,3-Dichloropropene	ND	0.200	ıı	n	н	u	11	н	
The Ties to Transcription of the Control	1,20	30							

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B North Creek Analytical - Bothell

Reporting														
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes				
	FPC-3 (B1F0490-12) Water	Sampled: 06/18/01 19:50	0 Received: 06/19/01 15:00											
	Ethylbenzene	ND	0.200	ug/l	1	1F27044	06/27/01	06/27/01	EPA 8260B					
	Hexachlorobutadiene	ND	0.500	11	11	77	"	44	u					
	2-Hexanone	ND	2.00	41	11	**	**	Ħ	n					
	Isopropylbenzene	ND	0.500	**	**	**	*	II	**					
	p-Isopropyltoluene	ND	0.200	"	**	**	**	Ħ	"					
	Methylene chloride	ND	5.00	tt	17	ti	**	n	**					
	4-Methyl-2-pentanone	ND	2.00	11	Ħ	n	tt .	Ħ	a					
	Naphthalene	ND	0.500	n	u	н	u	п	Ħ					
	n-Propylbenzene	ND	0.500	11	II	*1	Ħ	n	u					
	Styrene	ND	0.500	11	n	11	11	11	n					
	1,1,1,2-Tetrachloroethane	ND	0.200	Ħ	11	li .	н	IT	н					
	1,1;2,2-Tetrachloroethane	ND	0.500	11	**	Ħ	n	II	U					
	Tetrachloroethene	ND	0.200	11	tt	**	n	11	**					
	Toluene	ND	0.200	**	Ħ	"	#	71	11					
	1,2,3-Trichlorobenzene	ND	0.200	n	"	n	**	**	**					
	1,2,4-Trichlorobenzene	ND	0.200	Ħ	Ħ	n	n	**	n					
	1,1,1-Trichloroethane	ND	0.200	п	11	п	n	**	ti					
	1,1,2-Trichloroethane	ND	0.200	**	n	n	n	II .	n					
	Trichloroethene	ND	0.200	"	**	**	ti	**	n					
	Trichlorofluoromethane	ND	0.500	11	**	**	**	u	H					
	1,2,3-Trichloropropane	ND	0.500	41	"	**	**	11	11					
	1,2,4-Trimethylbenzene	ND	0.200	**	**	11	11	n	**					
	1;3,5-Trimethylbenzene	ND	0.500	Ħ	H	rr	**	11	**					
	Vinyl chloride	0.332	0.200	11	H	11	H	tf	n .					
,	m,p-Xylene	ND	0.500		н	ħ	Ħ	"	**					
	o-Xylene	ND	0.250	Ħ	u	ti	Ħ	"	tt					
	Surrogate: 1,2-DCA-d4	118 % 7	7-133			"	#	"	"					
	Surrogate: Toluene-d8	99.8 % 8	0-120			"	"	**	u					
,	Surrogate: 4-BFB	99.5 % 8	0-120			. "	"	"	"					

North Creek Analytical - Bothell

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URS Corporation

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project: LFP-Forest Park Cleaners

Project Number: 53-28171927.00

Reported:

Project Manager: David Raubvogel

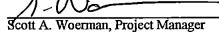
07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

		Reporting	-	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1F27044: Prepared (06/27/01 Using E	PA 5030B	[P/T]							
Blank (1F27044-BLK1)		-								
Acetone	ND	25.0	ug/l		_					
Benzene	ND	0.200	, п							
Bromobenzene	ND	0.500	Ħ							
Bromochloromethane	ND	0.200	II .							
Bromodichloromethane	ND	0,200	11							
Bromoform	ND	0.200	Ħ							
Bromomethane	ND	2.00	n							
2-Butanone	ND	2.00	"							
n-Butylbenzene	ND	0.200	**							
sec-Butylbenzene	ND	0.200	"							
tert-Butylbenzene	ND	0.500	17							
Carbon disulfide	ND	0.500	14							
Carbon tetrachloride	ND	0,200	н							
Chlorobenzene	ND	0.200	11							
Chloroethane	ND	1.00	n							
Chloroform	ND	0.200	n							
Chloromethane	ND	1.00	н							
2-Chlorotoluene	ND	0.500	H							
4-Chlorotoluene	ND	0.500	41							
Dibromochloromethane	ND	0.200	**							
1,2-Dibromo-3-chloropropane	ND	0.500	**							
1,2-Dibromoethane	ND	0.200	ŧŧ							
Dibromomethane	ND	0.200	н							
1,2-Dichlorobenzene	ND	0.200	#							
1,3-Dichlorobenzene	ND	0.200	#							
1,4-Dichlorobenzene	ND	0.200	ŧτ							
Dichlorodifluoromethane	ND	0.500	17							
1,1-Dichloroethane	ND	0.200	#							
1,2-Dichloroethane	ND	0.200	IT							
1,1-Dichloroethene	ND	0.200	Ħ							
cis-1,2-Dichloroethene	ND	0.200	H							
trans-1,2-Dichloroethene	ND	0.200	п					•		
1,2-Dichloropropane	ND	0.200	ŧı							
1,3-Dichloropropane	ND	0.200	**							

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel Reported:

07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

			Reporting		Spike	Source		%REC		RPD	-
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1F27044:	Prepared 06/27/01	Using EF	A 5030B [P/T]							
Blank (1F27044-BLK	(1)										
2,2-Dichloropropane		ND	0,500	ug/l			_		-		
1,1-Dichloropropene		ND	0.200	и							
cis-1,3-Dichloropropene		ND	0.200	11							
trans-1,3-Dichloropropen	e	ND	0.200	н							
Ethylbenzene		ND	0.200	n							
Hexachlorobutadiene		ND	0.500	n							
2-Hexanone		ND	2.00	н							
Isopropylbenzene		ND	0.500	п							
p-Isopropyltoluene		ND	0.200	п							
Methylene chloride		ND	5.00	n							
4-Methyl-2-pentanone		ND	2.00	H							
Naphthalene		ND	0.500	н							
n-Propylbenzene		ND	0.500	*1							
Styrene		ND	0.500	**							•
I, I, I, 2-Tetrachloroethan		ND	0.200	**							
1,1,2,2-Tetrachloroethan	•	ND	0.500	**							
Tetrachloroethene		ND	0.200	"							
Toluene		ND	0.200	**							
1,2,3-Trichlorobenzene		0.270	0.200	**							
1,2,4-Trichlorobenzene	-	ND	0.200	**							
1,1,1-Trichloroethane		ND	0.200	**							
1,1,2-Trichloroethane		ND	0.200	**							
Trichloroethene		ND	0.200	11							
Trichlorofluoromethane		ND	0.500	н							
1,2,3-Trichloropropane		ND	0.500	11				•			
1,2,4-Trimethylbenzene		ND	0.200	tt							
1,3,5-Trimethylbenzene		ND	0.500	**							
Vinyl chloride		ND	0.200	11							
m,p-Xylene		ND	0.500	n							
o-Xylene		ND	0.250	п							
Surrogate: 1,2-DCA-d4		4.09		"	4.00		102	77-133		· · · · ·	-
Surrogate: Toluene-d8		4.03		"	4.00		101	80-120	•		
Surrogate: 4-BFB		4.12		"	4.00		103	80-120			

North Creek Analytical - Bothell

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URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control North Creek Analytical - Bothell

1			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1F27044: P	Prepared 06/27/01	Using EP	A 5030B	P/T]						•	
LCS (1F27044-BS1)											
Benzene		1.97	0.200	ug/l	2.00		98.5	80-130			
Chlorobenzene		2.02	0.200	11	2.00		101	80-120			
1,1-Dichloroethene		1.96	0.200	н	2.00		98.0	80-120			
Toluene		1.98	0.200	fi	2.00		99.0	80-120			
Trichloroethene		2.01	0.200	**	2.00		100	70-130	•		
Surrogate: 1,2-DCA-d4		4.04		"	4.00		101	77-133			
Surrogate: Toluene-d8		3.96		"	4.00		99.0	80-120			
Surrogate: 4-BFB		4.07		"	4.00		102	80-120			
LCS Dup (1F27044-BS	SD1)										
Benzene		1.92	0.200	ug/l	2.00		96.0	80-130	2.57	20	
Chlorobenzene		1.96	0.200	"	2.00		98.0	80-120	3.02	20	
I, 1-Dichloroethene		1.99	0.200	ш	2.00		99.5	80-120	1.52	30	
Toluene		1.98	0.200	н	2.00		99.0	80-120	0.00	20	
Trichloroethene		2.04	0.200	u	2.00		102	70-130	1.48	20	
Surrogate: 1,2-DCA-d4		4.10		"	4.00		102	77-133		_	
Surrogate: Toluene-d8		3.95		"	4.00		<i>98.8</i>	80-120			
Surrogate: 4-BFB		3.99		"	4.00		99.8	80-120			

North Creek Analytical - Bothell

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Portland

URS Corporation

Project: LFP-Forest Park Cleaners

1501 4th Avenue, Suite 1400 Seattle WA, 98101-1616

Project Number: 53-28171927.00 Project Manager: David Raubvogel

Reported: 07/03/01 11:12

Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

North Creek Analytical - Bothell

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Scott A. Woerman, Project Manager

North Creek Analytical, Inc. **Environmental Laboratory Network**

Page 29 of 29



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(425) 420-9200 FAX 420-9210 (509) 924-9200 FAX 924-9290

(541) 383-9310

(503) 906-9200

FAX 906-9210 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: RIFO497

							<u> </u>				1101	011	101 // .	<u> </u>	<u> </u>				
CLIENT: V£5	CLIENT: UES											TURNAROUND REQUEST in Business Days*							
REPORT TO: DAVID RAUBUCGEL ADDRESS: 1501 474 AVENUE SUITE 1400 SEATTLE, WA 9810: PHONE: 706-438-2700 FAX: 206-438-2619						SAME AS REBERT TO									Organic & Inorganic Analyses 7 5 4 3 2 1 < 1 STD. Petroleum Hydrocarbon Analyses				
	7 P.O. N	NUMBE					-			4	3 2 1 <1	┛┆							
PROJECT NAME: LFF - FOREST PARK CLEANELS PROJECT NUMBER: S 5 - 29171927.00 SAMPLED BY: KENIN LUND MACK EFF.					RE	QUEST	ED ANA	ALYSE	S				OTHER Please Specify OTHER *Turnaround Requests less than standard may incur Rush Charges.						
CLIENT SAMPLE	SAMPLING	10	至高						•				MATRIX	# OF		NCA WO			
IDENTIFICATION	DATE/TIME	00	CHARDO								1		(W, S, O)	CONT.	COMMENTS	aı			
1. FFC-4	0/15/01 10.20	×	\times										.W	2	B1F0490-	01			
2. FPC-1	6/18/01 1130	X	\succ						<u> </u>				ω	2	_	02			
3. FPC-5	6/18/01 1225	X	X						_				ω	2	_	Ö3			
4. FPC - 10 D	6/18/01 1313	X	×										W	Z	_	04			
5. FPC-105	6/14/01 1403	7	X										W	2	_	105			
6.FPC - 7	% 150 Z	1	X			·							W	2		00			
7.FfC-Z	6/18/01 1615	X	X	1.									W	7		107			
8. FFC - 8 D	1/19/01 1655	X	X										W	て	_	1095			
9. FFC-85	6/18/01 1743	×	X										W	2	-	09			
10. FPC - 9 D	6/14/01 1430	×	X										W	2	-	. In			
11. FFC - 95	6/18/0, 1905	×	X					-					W	2					
12. FPC - 3	6/18/01 1950	Z	X					-					W	Z	_	12			
13.																			
14.											T								
15.	, ,									-	1								
RELINQUISHED BY: Conta Conducark						01	RECEIVED BY:					11ch	DATE:	[e-19-0]					
PRINT NAME: KEVIN LUNDMARK FIRM: URS						<u>0 (</u>	PRINT	NAME:		$\overline{\mathcal{S}}$	Takaora	<u>.u'd' </u>	FIRM:	NCA		15:00			
1					:		RECEIVED BY:						DATE:						
PRINT NAME: ADDITIONAL REMARKS:	TIME:	<u> </u>	<u> </u>	PRINT	NAME:					FIRM:		TIME:							
EV 3/9			-	;		,							-		ТАМР-ДО] ;			