PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

COMBINED LABS-Liquid

Locator	Sample Date	Lab ID	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl Butyl Phthalate	Bis(2-Ethylhexyl)Phthalate	Chrysene	Dibenzo(a,h)anthracene	Diethyl Phthalate	Dimethyl Phthalate	Di-N-Butyl Phthalate
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DZ-01-102505-110805	11/8/2005	L37450-1	0.0071	0.0032	0.00554	0.0032	0.00772	0.0039	0.0134	0.00816	0.00828	0.112	0.375	0.0179		0.0404	0.00831	0.0388
CE-01-102505-110805	11/8/2005	L37450-2	0.0135	0.0038	0.009	0.00707	0.00553	0.0187	0.0267	0.0304	0.0264	0.122	1.08	0.0122	0.00778	0.0345	0.00624	0.0892
BW-01-102505-110805	11/8/2005	L37450-3	0.0137		0.0042		0.0038		0.00905	0.00689	0.0067	0.119	0.206	0.0113		0.0286	0.0044	0.0491
SPCC-01-102505-110805	11/8/2005	L37450-4	0.00673	0.0022	0.00506		0.00541	0.0035	0.0118	0.00795	0.00899	0.846	0.229	0.0141		0.0339	0.00728	0.074
KCIA-01-102505-110805	11/8/2005	L37450-5	0.00924	0.00534	0.0078	0.0104	0.0855	0.117	0.186	0.121	0.159	0.353	0.177	0.187	0.047	0.0378	0.00718	0.0707

KCSlip4 55448

SEA421776

PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

COMBINED LABS-Liquid

Locator	Sample Date	Lab ID	Di-N-Octyl Phthalate ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-Cd)Pyrene ug/L	Naphthalene ug/L	Phenanthrene ug/L	Pyrene ug/L
DZ-01-102505-110805	11/8/2005	L37450-1	0.184	0.0252	0.00721	0.0068	0.011	0.0313	0.0254
CE-01-102505-110805	11/8/2005	L37450-2	0.0864	0.0506	0.00826	0.0196	0.0137	0.0542	0.0165
BW-01-102505-110805	11/8/2005	L37450-3	0.018	0.016	0.00481	0.0056	0.0114	0.0208	0.014
SPCC-01-102505-110805	11/8/2005	L37450-4	0.0192	0.0208	0.00549	0.0061	0.00929	0.027	0.0198
KCIA-01-102505-110805	11/8/2005	L37450-5	0.0227	0.271	0.00922	0.108	0.0115	0.133	0.232

KCSlip4 55449

SEA421777

PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

COMBINED LABS-Solid

Locator	Sample Date	Lab ID	Benzo(g,h,i)perylene ug	Benzyl Butyl Phthalate ug	Bis(2-Ethylhexyl)Phthalate ug	Chrysene ug	Dibenzo(a,h)anthracene ug	Diethyl Phthalate ug	Di-N-Butyl Phthalate ug	Fluoranthene ug	Indeno(1,2,3-Cd)Pyrene ug	Phenanthrene ug	Pyrene ug
DZ-01-102505-110805	11/8/2005	L37450-6		0.157	0.264			0.0626	0.0749				
CE-01-102505-110805	11/8/2005	L37450-7		0.268	0.53	0.0185		0.05	0.134	0.0281		0.033	0.0286
BW-01-102505-110805	11/8/2005	L37450-8	0.017	0.155	0.348		0.014	0.049	0.0771		0.016	0.0185	
SPCC-01-102505-110805	11/8/2005	L37450-9		0.196	0.489			0.045	0.085			0.0162	
KCIA-01-102505-110805	11/8/2005	L37450-10		0.131	0.184				0.0604				

KCSlip4 55450

SEA421778

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator:	DZ	CE	BW	SPCC
Descrip:	GEORGETOWN, 6431 C	DUWAMISH, 4752 E.	BEACON HILL, 15TH	SOUTH PARK COMMUNI
Client Loc:	DZ-01-102505-110805	CE-01-102505-110805	BW-01-102505-110805	SPCC-01-102505-110805
Sampled:	Nov 08, 2005	Nov 08, 2005	Nov 08, 2005	Nov 08, 2005
Lab ID:	L37450-1	L37450-2	L37450-3	L37450-4
Matrix:	STORM WTR	STORM WTR	STORM WTR	STORM WTR
% Solids:				

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			-Wet Weight Basis					-Wet Weight Basis					-Wet Weight Basis					-Wet Weight Basis		
COMBINED LABS																				
M=OR 8270B																				
2-Methylnaphthalene	0.0071		0.0035	0.00698	ug/L	0.0135		0.0034	0.0069	ug/L	0.0137		0.0033	0.00665	ug/L	0.00673		0.0032	0.00649	ug/L
Acenaphthene	0.0032	<RDL	0.0023	0.00466	ug/L	0.0038	<RDL	0.0023	0.0046	ug/L		<MDL	0.0022	0.00443	ug/L	0.0022	<RDL	0.0022	0.00432	ug/L
Acenaphthylene	0.00554		0.0023	0.00466	ug/L	0.009		0.0023	0.0046	ug/L	0.0042	<RDL	0.0022	0.00443	ug/L	0.00506		0.0022	0.00432	ug/L
Anthracene	0.0032	<RDL	0.0023	0.00466	ug/L	0.00707		0.0023	0.0046	ug/L		<MDL	0.0022	0.00443	ug/L		<MDL	0.0022	0.00432	ug/L
Benzo(a)anthracene	0.00772		0.0023	0.00466	ug/L	0.00553		0.0023	0.0046	ug/L	0.0038	<RDL	0.0022	0.00443	ug/L	0.00541		0.0022	0.00432	ug/L
Benzo(a)pyrene	0.0039	<RDL	0.0035	0.00698	ug/L	0.0187		0.0034	0.0069	ug/L		<MDL	0.0033	0.00665	ug/L	0.0035	<RDL	0.0032	0.00649	ug/L
Benzo(b)fluoranthene	0.0134		0.0035	0.00698	ug/L	0.0267		0.0034	0.0069	ug/L	0.00905		0.0033	0.00665	ug/L	0.0118		0.0032	0.00649	ug/L
Benzo(g,h,i)perylene	0.00816		0.0035	0.00698	ug/L	0.0304		0.0034	0.0069	ug/L	0.00689		0.0033	0.00665	ug/L	0.00795		0.0032	0.00649	ug/L
Benzo(k)fluoranthene	0.00828		0.0035	0.00698	ug/L	0.0264		0.0034	0.0069	ug/L	0.0067		0.0033	0.00665	ug/L	0.00899		0.0032	0.00649	ug/L
Benzyl Butyl Phthalate	0.112		0.0023	0.00466	ug/L	0.122	TA	0.0023	0.0046	ug/L	0.119		0.0022	0.00443	ug/L	0.846	TA	0.0022	0.00432	ug/L
Bis(2-Ethylhexyl)Phthalate	0.375	TA	0.0023	0.00466	ug/L	1.08	TA	0.0023	0.0046	ug/L	0.206	TA	0.0022	0.00443	ug/L	0.229	TA	0.0022	0.00432	ug/L
Chrysene	0.0179		0.0023	0.00466	ug/L	0.0122		0.0023	0.0046	ug/L	0.0113		0.0022	0.00443	ug/L	0.0141		0.0022	0.00432	ug/L
Dibenzo(a,h)anthracene		<MDL	0.0035	0.00698	ug/L	0.00778		0.0034	0.0069	ug/L		<MDL	0.0033	0.00665	ug/L		<MDL	0.0032	0.00649	ug/L
Diethyl Phthalate	0.0404		0.0035	0.00698	ug/L	0.0345		0.0034	0.0069	ug/L	0.0286		0.0033	0.00665	ug/L	0.0339		0.0032	0.00649	ug/L
Dimethyl Phthalate	0.00831		0.0023	0.00466	ug/L	0.00624		0.0023	0.0046	ug/L	0.0044	<RDL	0.0022	0.00443	ug/L	0.00728		0.0022	0.00432	ug/L
Di-N-Butyl Phthalate	0.0388		0.0023	0.00466	ug/L	0.0892	B	0.0023	0.0046	ug/L	0.0491	B	0.0022	0.00443	ug/L	0.074		0.0022	0.00432	ug/L
Di-N-Octyl Phthalate	0.184	TA	0.0035	0.00698	ug/L	0.0864		0.0034	0.0069	ug/L	0.018		0.0033	0.00665	ug/L	0.0192		0.0032	0.00649	ug/L
Fluoranthene	0.0252		0.0023	0.00466	ug/L	0.0506		0.0023	0.0046	ug/L	0.016		0.0022	0.00443	ug/L	0.0208		0.0022	0.00432	ug/L
Fluorene	0.00721		0.0023	0.00466	ug/L	0.00826		0.0023	0.0046	ug/L	0.00481		0.0022	0.00443	ug/L	0.00549		0.0022	0.00432	ug/L
Indeno(1,2,3-Cd)Pyrene	0.0068	<RDL	0.0035	0.00698	ug/L	0.0196		0.0034	0.0069	ug/L	0.0056	<RDL	0.0033	0.00665	ug/L	0.0061	<RDL	0.0032	0.00649	ug/L
Naphthalene	0.011		0.0047	0.00931	ug/L	0.0137		0.0046	0.0092	ug/L	0.0114		0.0044	0.00887	ug/L	0.00929		0.0043	0.00865	ug/L
Phenanthrene	0.0313		0.0023	0.00466	ug/L	0.0542		0.0023	0.0046	ug/L	0.0208		0.0022	0.00443	ug/L	0.027		0.0022	0.00432	ug/L
Pyrene	0.0254		0.0023	0.00466	ug/L	0.0165		0.0023	0.0046	ug/L	0.014		0.0022	0.00443	ug/L	0.0198		0.0022	0.00432	ug/L

KCSlip4 55451

SEA421779

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator:	KCIA	DZ	CE	BW
Descrip:	TERMINAL-KING COUN	GEORGETOWN, 6431 C	DUWAMISH, 4752 E.	BEACON HILL, 15TH
Client Loc:	KCIA-01-102505-110805	DZ-01-102505-110805	CE-01-102505-110805	BW-01-102505-110805
Sampled:	Nov 08, 2005	Nov 08, 2005	Nov 08, 2005	Nov 08, 2005
Lab ID:	L37450-5	L37450-6	L37450-7	L37450-8
Matrix:	STORM WTR	OTHR SOLID	OTHR SOLID	OTHR SOLID
% Solids:				

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			-Wet Weight Basis					-Wet Weight Basis					-Wet Weight Basis					-Wet Weight Basis		
COMBINED LABS																				
M=OR 8270B																				
2-Methylnaphthalene	0.00924		0.0032	0.00647	ug/L		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Acenaphthene	0.00534		0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Acenaphthylene	0.0078		0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Anthracene	0.0104		0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Benzo(a)anthracene	0.0855		0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Benzo(a)pyrene	0.117		0.0032	0.00647	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzo(b)fluoranthene	0.186	TA	0.0032	0.00647	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzo(g,h,i)perylene	0.121	TA	0.0032	0.00647	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug	0.017	<RDL	0.01	0.02	ug
Benzo(k)fluoranthene	0.159	TA	0.0032	0.00647	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzyl Butyl Phthalate	0.353	TA	0.0022	0.00431	ug/L	0.157		0.025	0.05	ug	0.268		0.025	0.05	ug	0.155		0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.177	TA	0.0022	0.00431	ug/L	0.264	B	0.025	0.05	ug	0.53		0.025	0.05	ug	0.348	B	0.025	0.05	ug
Chrysene	0.187	TA	0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug	0.0185		0.005	0.01	ug		<MDL	0.005	0.01	ug
Dibenzo(a,h)anthracene	0.047		0.0032	0.00647	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug	0.014	<RDL	0.01	0.02	ug
Diethyl Phthalate	0.0378		0.0032	0.00647	ug/L	0.0626	B	0.025	0.05	ug	0.05	<RDL,B	0.025	0.05	ug	0.049	<RDL,B	0.025	0.05	ug
Dimethyl Phthalate	0.00718		0.0022	0.00431	ug/L		<MDL	0.025	0.05	ug		<MDL	0.025	0.05	ug		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.0707	B	0.0022	0.00431	ug/L	0.0749	B	0.025	0.05	ug	0.134	B	0.025	0.05	ug	0.0771	B	0.025	0.05	ug
Di-N-Octyl Phthalate	0.0227		0.0032	0.00647	ug/L		<MDL	0.025	0.05	ug		<MDL	0.025	0.05	ug		<MDL	0.025	0.05	ug
Fluoranthene	0.271	TA	0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug	0.0281		0.005	0.01	ug		<MDL	0.005	0.01	ug
Fluorene	0.00922		0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene	0.108	TA	0.0032	0.00647	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug	0.016	<RDL	0.01	0.02	ug
Naphthalene	0.0115		0.0043	0.00862	ug/L		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Phenanthrene	0.133	TA	0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug	0.033		0.005	0.01	ug	0.0185		0.005	0.01	ug
Pyrene	0.232	TA	0.0022	0.00431	ug/L		<MDL	0.005	0.01	ug	0.0286		0.005	0.01	ug		<MDL	0.005	0.01	ug

KCSlip4 55452

SEA421780

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator:	SPCC	KCIA
Descrip:	SOUTH PARK COMMUNI	TERMINAL-KING COUN
Client Loc:	SPCC-01-102505-110805	KCIA-01-102505-110805
Sampled:	Nov 08, 2005	Nov 08, 2005
Lab ID:	L37450-9	L37450-10
Matrix:	OTHR SOLID	OTHR SOLID
% Solids:		

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
		-Wet Weight Basis					-Wet Weight Basis			
COMBINED LABS										
M=OR 8270B										
2-Methylnaphthalene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Acenaphthene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Acenaphthylene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Anthracene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Benzo(a)anthracene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Benzo(a)pyrene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzo(b)fluoranthene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzo(g,h,i)perylene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzo(k)fluoranthene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Benzyl Butyl Phthalate	0.196		0.025	0.05	ug	0.131		0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.489	B	0.025	0.05	ug	0.184	B	0.025	0.05	ug
Chrysene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Dibenzo(a,h)anthracene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Diethyl Phthalate	0.045	<RDL,B	0.025	0.05	ug		<MDL	0.025	0.05	ug
Dimethyl Phthalate		<MDL	0.025	0.05	ug		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.085	B	0.025	0.05	ug	0.0604	B	0.025	0.05	ug
Di-N-Octyl Phthalate		<MDL	0.025	0.05	ug		<MDL	0.025	0.05	ug
Fluoranthene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Fluorene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Naphthalene		<MDL	0.01	0.02	ug		<MDL	0.01	0.02	ug
Phenanthrene	0.0162		0.005	0.01	ug		<MDL	0.005	0.01	ug
Pyrene		<MDL	0.005	0.01	ug		<MDL	0.005	0.01	ug

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SEA421781

King County Environmental Laboratory

WORK GROUP REPORT (wk02)

Jan 18 2006, 11:35 am

Work Group: WG83345 (BL#617 PHPAHSOURCE) for Department: 7 - Organics, Trace

Created: 21-NOV-05 PrepDate: 12-NOV-05 Due: Operator: JG

Sample	Project Number	Project Description	PKey	C	Product	Matrix	Stat	UA	Workdate	Duedate
L37450-1	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	22-NOV-05	08-DEC-05
L37450-2	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	22-NOV-05	08-DEC-05
L37450-3	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	22-NOV-05	08-DEC-05
L37450-4	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	22-NOV-05	08-DEC-05
L37450-5	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	22-NOV-05	08-DEC-05
WG83345-1	MB			S	PHPAHSOURCE	BLANK WTR	PREP	U	21-NOV-05	
WG83345-2	SB			S	PHPAHSOURCE	BLANK WTR	PREP	U	21-NOV-05	
WG83345-3	MB			S	PHPAHSOURCE	BLANK WTR	PREP	U	18-JAN-06	
WG83345-4	SBD			S	PHPAHSOURCE	BLANK WTR	PREP	U	18-JAN-06	

Comments:

L37450-1	carboys
L37450-2	carboys
L37450-3	carboys
L37450-4	carboys
L37450-5	carboys
WG83345-1	MB051112
WG83345-2	WG83345-1
WG83345-3	MB051113
WG83345-4	WG83345-2 WG83345-1

KCSlip4 55454

SEA421782

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: L37450-1	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R111656		Col. Date:	08-NOV-05
	Locator: DZ	Work Group: WG83345		Rec. Date:	08-NOV-05
	Site: METRO	QC Type:		Due Date:	08-DEC-05
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene	.011	ug/L		.0047	.00931	
Acenaphthylene	.00554	ug/L		.0023	.00466	
Dimethyl Phthalate	.00831	ug/L		.0023	.00466	
Acenaphthene	.0032	ug/L	<RDL	.0023	.00466	
Fluorene	.00721	ug/L		.0023	.00466	
Diethyl Phthalate	.0404	ug/L		.0035	.00698	
Phenanthrene	.0313	ug/L		.0023	.00466	
Anthracene	.0032	ug/L	<RDL	.0023	.00466	
Di-N-Butyl Phthalate	.0388	ug/L		.0023	.00466	
Fluoranthene	.0252	ug/L		.0023	.00466	
Pyrene	.0254	ug/L		.0023	.00466	
Benzyl Butyl Phthalate	.112	ug/L		.0023	.00466	
Benzo(a)anthracene	.00772	ug/L		.0023	.00466	
Chrysene	.0179	ug/L		.0023	.00466	
Bis(2-Ethylhexyl)Phthalate	.375	ug/L	TA	.0023	.00466	value from 10x dilution
Di-N-Octyl Phthalate	.184	ug/L	TA	.0035	.00698	value from 10x dilution
Benzo(b)fluoranthene	.0134	ug/L		.0035	.00698	
Benzo(k)fluoranthene	.00828	ug/L		.0035	.00698	
Benzo(a)pyrene	.0039	ug/L	<RDL	.0035	.00698	
Indeno(1,2,3-Cd)Pyrene	.0068	ug/L	<RDL	.0035	.00698	
Dibenzo(a,h)anthracene		ug/L	<MDL	.0035	.00698	
Benzo(g,h,i)perylene	.00816	ug/L		.0035	.00698	
2-Methylnaphthalene	.0071	ug/L		.0035	.00698	
d14-Terphenyl	.159	ug/L		.0023	.00466	
D6-Dimethyl Phthalate	.00657	ug/L		.0023	.00466	
D8-Acenaphthylene		ug/L	<MDL	.0023	.00466	
D10-Fluorene	.00542	ug/L		.0023	.00466	
D10-Anthracene		ug/L	<MDL	.0023	.00466	
D10-Pyrene		ug/L	<MDL	.0023	.00466	
D12-Benzo(a)pyrene		ug/L	<MDL	.0023	.00466	

Amount Analyzed	8590	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/L37450-1.rp
Instrument ID			6890n.i
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	109		33-141
D6-Dimethyl Phthalate	11		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	9	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	0	*	0-150
D12-Benzo(a)pyrene	0	*	0-150

KCSlip4 55455

SEA421783

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: L37450-2	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R111656		Col. Date:	08-NOV-05
	Locator: CE	Work Group: WG83345		Rec. Date:	08-NOV-05
	Site: METRO	QC Type:		Due Date:	08-DEC-05
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene	.0137	ug/L		.0046	.0092	
Acenaphthylene	.009	ug/L		.0023	.0046	
Dimethyl Phthalate	.00624	ug/L		.0023	.0046	
Acenaphthene	.0038	ug/L	<RDL	.0023	.0046	
Fluorene	.00826	ug/L		.0023	.0046	
Diethyl Phthalate	.0345	ug/L		.0034	.0069	
Phenanthrene	.0542	ug/L		.0023	.0046	
Anthracene	.00707	ug/L		.0023	.0046	
Di-N-Butyl Phthalate	.0892	ug/L	B	.0023	.0046	
Fluoranthene	.0506	ug/L		.0023	.0046	
Pyrene	.0165	ug/L		.0023	.0046	
Benzyl Butyl Phthalate	.122	ug/L	TA	.0023	.0046	value from 10x dilution
Benzo(a)anthracene	.00553	ug/L		.0023	.0046	
Chrysene	.0122	ug/L		.0023	.0046	
Bis(2-Ethylhexyl)Phthalate	1.08	ug/L	TA	.0023	.0046	value from 10x dilution
Di-N-Octyl Phthalate	.0864	ug/L		.0034	.0069	
Benzo(b)fluoranthene	.0267	ug/L		.0034	.0069	
Benzo(k)fluoranthene	.0264	ug/L		.0034	.0069	
Benzo(a)pyrene	.0187	ug/L		.0034	.0069	
Indeno(1,2,3-Cd)Pyrene	.0196	ug/L		.0034	.0069	
Dibenzo(a,h)anthracene	.00778	ug/L		.0034	.0069	
Benzo(g,h,i)perylene	.0304	ug/L		.0034	.0069	
2-Methylnaphthalene	.0135	ug/L		.0034	.0069	
d14-Terphenyl	.155	ug/L	TA	.0023	.0046	value from 10x dilution
D6-Dimethyl Phthalate	.0122	ug/L		.0023	.0046	
D8-Acenaphthylene		ug/L	<MDL	.0023	.0046	
D10-Fluorene	.00494	ug/L		.0023	.0046	
D10-Anthracene		ug/L	<MDL	.0023	.0046	
D10-Pyrene	.00813	ug/L		.0023	.0046	
D12-Benzo(a)pyrene	.00726	ug/L		.0023	.0046	

Amount Analyzed	8700	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/L37450-2.rp
Instrument ID			6890n.i
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	108		33-141
D6-Dimethyl Phthalate	21		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	9	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	14		0-150
D12-Benzo(a)pyrene	13		0-150

KCSlip4 55456

SEA421784

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: L37450-3	Matrix:	STORM WTR	List Type:	ORPHPAHSOURCE	
	Project:	423589-090-1	Run ID:	R111656	Col. Date: 08-NOV-05
	Locator:	BW	Work Group:	WG83345	Rec. Date: 08-NOV-05
	Site:	METRO	QC Type:		Due Date: 08-DEC-05
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene	.0114	ug/L		.0044	.00887	
Acenaphthylene	.0042	ug/L	<RDL	.0022	.00443	
Dimethyl Phthalate	.0044	ug/L	<RDL	.0022	.00443	
Acenaphthene		ug/L	<MDL	.0022	.00443	
Fluorene	.00481	ug/L		.0022	.00443	
Diethyl Phthalate	.0286	ug/L		.0033	.00665	
Phenanthrene	.0208	ug/L		.0022	.00443	
Anthracene		ug/L	<MDL	.0022	.00443	
Di-N-Butyl Phthalate	.0491	ug/L	B	.0022	.00443	
Fluoranthene	.016	ug/L		.0022	.00443	
Pyrene	.014	ug/L		.0022	.00443	
Benzyl Butyl Phthalate	.119	ug/L		.0022	.00443	
Benzo(a)anthracene	.0038	ug/L	<RDL	.0022	.00443	
Chrysene	.0113	ug/L		.0022	.00443	
Bis(2-Ethylhexyl)Phthalate	.206	ug/L	TA	.0022	.00443	value from 10x dilution
Di-N-Octyl Phthalate	.018	ug/L		.0033	.00665	
Benzo(b)fluoranthene	.00905	ug/L		.0033	.00665	
Benzo(k)fluoranthene	.0067	ug/L		.0033	.00665	
Benzo(a)pyrene		ug/L	<MDL	.0033	.00665	
Indeno(1,2,3-Cd)Pyrene	.0056	ug/L	<RDL	.0033	.00665	
Dibenzo(a,h)anthracene		ug/L	<MDL	.0033	.00665	
Benzo(g,h,i)perylene	.00689	ug/L		.0033	.00665	
2-Methylnaphthalene	.0137	ug/L		.0033	.00665	
d14-Terphenyl	.14	ug/L		.0022	.00443	
D6-Dimethyl Phthalate	.0221	ug/L		.0022	.00443	
D8-Acenaphthylene	.0395	ug/L		.0022	.00443	
D10-Fluorene	.0415	ug/L		.0022	.00443	
D10-Anthracene	.0524	ug/L		.0022	.00443	
D10-Pyrene	.0607	ug/L		.0022	.00443	
D12-Benzo(a)pyrene	.0631	ug/L		.0022	.00443	

Amount Analyzed	9020	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/L37450-3.xp
Instrument ID			6890n.i
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	101	33-141
D6-Dimethyl Phthalate	20	0-150
D8-Acenaphthylene	36	0-150
D10-Fluorene	37	0-150
D10 Anthracene	47	0-150
D10-Pyrene	55	0-150
D12-Benzo(a)pyrene	57	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: L37450-4	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R111656	Col. Date:	08-NOV-05	
	Locator: SPCC	Work Group: WG83345	Rec. Date:	08-NOV-05	
	Site: METRO	QC Type:	Due Date:	08-DEC-05	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene	.00929	ug/L		.0043	.00865	
Acenaphthylene	.00506	ug/L		.0022	.00432	
Dimethyl Phthalate	.00728	ug/L		.0022	.00432	
Acenaphthene	.0022	ug/L	<RDL	.0022	.00432	
Fluorene	.00549	ug/L		.0022	.00432	
Diethyl Phthalate	.0339	ug/L		.0032	.00649	
Phenanthrene	.027	ug/L		.0022	.00432	
Anthracene		ug/L	<MDL	.0022	.00432	
Di-N-Butyl Phthalate	.074	ug/L		.0022	.00432	
Fluoranthene	.0208	ug/L		.0022	.00432	
Pyrene	.0198	ug/L		.0022	.00432	
Benzyl Butyl Phthalate	.846	ug/L	TA	.0022	.00432	value from 10x dilution
Benzo(a)anthracene	.00541	ug/L		.0022	.00432	
Chrysene	.0141	ug/L		.0022	.00432	
Bis(2-Ethylhexyl)Phthalate	.229	ug/L	TA	.0022	.00432	value from 10x dilution
Di-N-Octyl Phthalate	.0192	ug/L		.0032	.00649	
Benzo(b)fluoranthene	.0118	ug/L		.0032	.00649	
Benzo(k)fluoranthene	.00899	ug/L		.0032	.00649	
Benzo(a)pyrene	.0035	ug/L	<RDL	.0032	.00649	
Indeno(1,2,3-Cd)Pyrene	.0061	ug/L	<RDL	.0032	.00649	
Dibenzo(a,h)anthracene		ug/L	<MDL	.0032	.00649	
Benzo(g,h,i)perylene	.00795	ug/L		.0032	.00649	
2-Methylnaphthalene	.00673	ug/L		.0032	.00649	
d14-Terphenyl	.145	ug/L		.0022	.00432	
D6-Dimethyl Phthalate	.0114	ug/L		.0022	.00432	
D8-Acenaphthylene		ug/L	<MDL	.0022	.00432	
D10-Fluorene	.00458	ug/L		.0022	.00432	
D10-Anthracene		ug/L	<MDL	.0022	.00432	
D10-Pyrene	.0028	ug/L	<RDL	.0022	.00432	
D12-Benzo(a)pyrene	.00585	ug/L		.0022	.00432	

Amount Analyzed	9250	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/L37450-4.rp
Instrument ID			6890n.1
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	107		33-141
D6 Dimethyl Phthalate	21		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	8	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	5	*	0-150
D12-Benzo(a)pyrene	11		0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: L37450-5	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R111656	Col. Date:	08-NOV-05	
	Locator: KCIA	Work Group: WG83345	Rec. Date:	08-NOV-05	
	Site: METRO	QC Type:	Due Date:	08-DEC-05	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene	.0115	ug/L		.0043	.00862	
Acenaphthylene	.0078	ug/L		.0022	.00431	
Dimethyl Phthalate	.00718	ug/L		.0022	.00431	
Acenaphthene	.00534	ug/L		.0022	.00431	
Fluorene	.00922	ug/L		.0022	.00431	
Diethyl Phthalate	.0378	ug/L		.0032	.00647	
Phenanthrene	.133	ug/L	TA	.0022	.00431	value from 10x dilution
Anthracene	.0104	ug/L		.0022	.00431	
Di-N-Butyl Phthalate	.0707	ug/L	B	.0022	.00431	
Fluoranthene	.271	ug/L	TA	.0022	.00431	value from 10x dilution
Pyrene	.232	ug/L	TA	.0022	.00431	value from 10x dilution
Benzyl Butyl Phthalate	.353	ug/L	TA	.0022	.00431	value from 10x dilution
Benzo(a)anthracene	.0855	ug/L		.0022	.00431	
Chrysene	.187	ug/L	TA	.0022	.00431	value from 10x dilution
Bis(2-Ethylhexyl)Phthalate	.177	ug/L	TA	.0022	.00431	value from 10x dilution
Di-N-Octyl Phthalate	.0227	ug/L		.0032	.00647	
Benzo(b)fluoranthene	.186	ug/L	TA	.0032	.00647	value from 10x dilution
Benzo(k)fluoranthene	.159	ug/L	TA	.0032	.00647	
Benzo(a)pyrene	.117	ug/L		.0032	.00647	
Indeno(1,2,3-Cd)Pyrene	.108	ug/L	TA	.0032	.00647	value from 10x dilution
Dibenzo(a,h)anthracene	.047	ug/L		.0032	.00647	
Benzo(g,h,i)perylene	.121	ug/L	TA	.0032	.00647	value from 10x dilution
2-Methylnaphthalene	.00924	ug/L		.0032	.00647	
d14-Terphenyl	.143	ug/L		.0022	.00431	
D6-Dimethyl Phthalate	.0121	ug/L		.0022	.00431	
D8-Acenaphthylene		ug/L	<MDL	.0022	.00431	
D10-Fluorene	.00514	ug/L		.0022	.00431	
D10-Anthracene		ug/L	<MDL	.0022	.00431	
D10-Pyrene	.0052	ug/L		.0022	.00431	
D12-Benzo(a)pyrene	.00901	ug/L		.0022	.00431	

Amount Analyzed	9280	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/L37450-5.rp
Instrument ID			6890n.i
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	106		33-141
D6-Dimethyl Phthalate	22		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	10		0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	10		0-150
D12-Benzo(a)pyrene	17		0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:32 - Data Source: ELD

Sample#: WG83345-1	Matrix:	BLANK WTR	List Type:	ORPHPAHSOURCE	
	Project:		Run ID:	R111656	Col. Date:
	Locator:	MB	Work Group:	WG83345	Rec. Date: 21-NOV-05
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0044	.00889	
Acenaphthylene		ug/L	<MDL	.0022	.00444	
Dimethyl Phthalate		ug/L	<MDL	.0022	.00444	
Acenaphthene		ug/L	<MDL	.0022	.00444	
Fluorene		ug/L	<MDL	.0022	.00444	
Diethyl Phthalate	.0059	ug/L	<RDL,B	.0033	.00667	
Phenanthrene		ug/L	<MDL	.0022	.00444	
Anthracene		ug/L	<MDL	.0022	.00444	
Di-N-Butyl Phthalate	.0329	ug/L	B	.0022	.00444	
Fluoranthene		ug/L	<MDL	.0022	.00444	
Pyrene		ug/L	<MDL	.0022	.00444	
Benzyl Butyl Phthalate	.00691	ug/L	B	.0022	.00444	
Benzo(a)anthracene		ug/L	<MDL	.0022	.00444	
Chrysene		ug/L	<MDL	.0022	.00444	
Bis(2-Ethylhexyl)Phthalate	.0193	ug/L	B	.0022	.00444	
Di-N-Octyl Phthalate		ug/L	<MDL	.0033	.00667	
Benzo(b)fluoranthene		ug/L	<MDL	.0033	.00667	
Benzo(k)fluoranthene		ug/L	<MDL	.0033	.00667	
Benzo(a)pyrene		ug/L	<MDL	.0033	.00667	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.0033	.00667	
Dibenzo(a,h)anthracene		ug/L	<MDL	.0033	.00667	
Benzo(g,h,i)perylene		ug/L	<MDL	.0033	.00667	
2-Methylnaphthalene		ug/L	<MDL	.0033	.00667	
d14-Terphenyl	.132	ug/L		.0022	.00444	
D6-Dimethyl Phthalate	.00734	ug/L		.0022	.00444	
D8-Acenaphthylene	.0288	ug/L		.0022	.00444	
D10-Fluorene	.0319	ug/L		.0022	.00444	
D10-Anthracene	.0457	ug/L		.0022	.00444	
D10-Pyrene	.0658	ug/L		.0022	.00444	
D12-Benzo(a)pyrene	.0572	ug/L		.0022	.00444	
Amount Analyzed	9000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						15-DEC-05
Operator ID						Jack Gudeman
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG83345-1.rp
Instrument ID						6890n.i
Prep Date						12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	95	33-141
D6-Dimethyl Phthalate	13	0-150
D8-Acenaphthylene	52	0-150
D10-Fluorene	57	0-150
D10-Anthracene	82	0-150
D10-Pyrene	120	0-150
D12-Benzo(a)pyrene	103	0-150

KCSlip4 55460

SEA421788

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: WG83345-2	Matrix:	BLANK WTR	List Type:	ORPHPAHSOURCE	
	Project:		Run ID:	R111656	Col. Date:
	Locator:	SB	Work Group:	WG83345	Rec. Date: 21-NOV-05
	Site:	NONE	QC Type:	SB	Due Date:
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0044	.00889	
Acenaphthylene	.0247	ug/L		.0022	.00444	
Dimethyl Phthalate	.0115	ug/L		.0022	.00444	
Acenaphthene		ug/L	<MDL	.0022	.00444	
Fluorene	.0329	ug/L		.0022	.00444	
Diethyl Phthalate	.0596	ug/L		.0033	.00667	
Phenanthrene	.0433	ug/L		.0022	.00444	
Anthracene	.0402	ug/L		.0022	.00444	
Di-N-Butyl Phthalate	.108	ug/L		.0022	.00444	
Fluoranthene		ug/L	<MDL	.0022	.00444	
Pyrene	.0534	ug/L		.0022	.00444	
Benzyl Butyl Phthalate	.0946	ug/L		.0022	.00444	
Benzo(a)anthracene	.0583	ug/L		.0022	.00444	
Chrysene	.056	ug/L		.0022	.00444	
Bis(2-Ethylhexyl)Phthalate	.123	ug/L		.0022	.00444	
Di-N-Octyl Phthalate	.0101	ug/L		.0033	.00667	
Benzo(b)fluoranthene	.0619	ug/L		.0033	.00667	
Benzo(k)fluoranthene	.0524	ug/L		.0033	.00667	
Benzo(a)pyrene	.0542	ug/L		.0033	.00667	
Indeno(1,2,3-Cd)Pyrene	.058	ug/L		.0033	.00667	
Dibenzo(a,h)anthracene	.049	ug/L		.0033	.00667	
Benzo(g,h,i)perylene	.0574	ug/L		.0033	.00667	
2-Methylnaphthalene	.0035	ug/L	<RDL	.0033	.00667	
d14-Terphenyl	.131	ug/L		.0022	.00444	
D6-Dimethyl Phthalate	.0131	ug/L		.0022	.00444	
D8-Acenaphthylene	.0393	ug/L		.0022	.00444	
D10-Fluorene	.0455	ug/L		.0022	.00444	
D10-Anthracene	.0539	ug/L		.0022	.00444	
D10-Pyrene	.0717	ug/L		.0022	.00444	
D12-Benzo(a)pyrene	.0631	ug/L		.0022	.00444	

Amount Analyzed	9000	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/WG83345-2.rp
Instrument ID			6890n i
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	94	33-141
D6-Dimethyl Phthalate	24	0-150
D8-Acenaphthylene	71	0-150
D10-Fluorene	82	0-150
D10-Anthracene	97	0-150
D10-Pyrene	129	0-150
D12-Benzo(a)pyrene	114	0-150

KCSlip4 55461

SEA421789

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: WG83345-3	Matrix: BLANK WTR	List Type:	ORPHPAHSOURCE		
	Project:	Run ID:	R111656	Col. Date:	
	Locator: MB	Work Group:	WG83345	Rec. Date:	18-JAN-06
	Site: NONE	QC Type:	MB	Due Date:	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0044	.00889	
Acenaphthylene		ug/L	<MDL	.0022	.00444	
Dimethyl Phthalate		ug/L	<MDL	.0022	.00444	
Acenaphthene		ug/L	<MDL	.0022	.00444	
Fluorene		ug/L	<MDL	.0022	.00444	
Diethyl Phthalate	.005	ug/L	<RDL,B	.0033	.00667	
Phenanthrene		ug/L	<MDL	.0022	.00444	
Anthracene		ug/L	<MDL	.0022	.00444	
Di-N-Butyl Phthalate	.0244	ug/L	B	.0022	.00444	
Fluoranthene		ug/L	<MDL	.0022	.00444	
Pyrene		ug/L	<MDL	.0022	.00444	
Benzyl Butyl Phthalate	.00645	ug/L	B	.0022	.00444	
Benzo(a)anthracene		ug/L	<MDL	.0022	.00444	
Chrysene		ug/L	<MDL	.0022	.00444	
Bis(2-Ethylhexyl)Phthalate	.019	ug/L	B	.0022	.00444	
Di-N-Octyl Phthalate		ug/L	<MDL	.0033	.00667	
Benzo(b)fluoranthene		ug/L	<MDL	.0033	.00667	
Benzo(k)fluoranthene		ug/L	<MDL	.0033	.00667	
Benzo(a)pyrene		ug/L	<MDL	.0033	.00667	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.0033	.00667	
Dibenzo(a,h)anthracene		ug/L	<MDL	.0033	.00667	
Benzo(g,h,i)perylene		ug/L	<MDL	.0033	.00667	
2-Methylnaphthalene		ug/L	<MDL	.0033	.00667	
d14-Terphenyl	.133	ug/L		.0022	.00444	
D6-Dimethyl Phthalate	.01	ug/L		.0022	.00444	
D8-Acenaphthylene	.0313	ug/L		.0022	.00444	
D10-Fluorene	.0335	ug/L		.0022	.00444	
D10-Anthracene	.0488	ug/L		.0022	.00444	
D10-Pyrene	.0703	ug/L		.0022	.00444	
D12-Benzo(a)pyrene	.0602	ug/L		.0022	.00444	

Amount Analyzed	9000	ml	
Standard Amount	1000	ml	
Dilution Factor	1	none	
Date Analyzed			15-DEC-05
Operator ID			Jack Gudeman
Porthandler File			/usr/users/seed2/METROS3/files/gcms/WG83346-1.rp
Instrument ID			6890n.i
Prep Date			12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	95	33-141
D6-Dimethyl Phthalate	18	0-150
D8-Acenaphthylene	56	0-150
D10-Fluorene	60	0-150
D10-Anthracene	88	0-150
D10-Pyrene	127	0-150
D12-Benzo(a)pyrene	108	0-150

KCSlip4 55462

SEA421790

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 01/19/06 07:31 - Data Source: ELD

Sample#: WG83345-4	Matrix: BLANK WTR	List Type: ORPHPAHSOURCE			
	Project:	Run ID: R111656	Col. Date:		
	Locator: SBD	Work Group: WG83345	Rec. Date:	18-JAN-06	
	Site: NONE	QC Type: SBD	Due Date:		
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0044	.00889	
Acenaphthylene	.0214	ug/L		.0022	.00444	
Dimethyl Phthalate	.0115	ug/L		.0022	.00444	
Acenaphthene		ug/L	<MDL	.0022	.00444	
Fluorene	.0264	ug/L		.0022	.00444	
Diethyl Phthalate	.0491	ug/L		.0033	.00667	
Phenanthrene	.0416	ug/L		.0022	.00444	
Anthracene	.0389	ug/L		.0022	.00444	
Di-N-Butyl Phthalate	.0906	ug/L		.0022	.00444	
Fluoranthene		ug/L	<MDL	.0022	.00444	
Pyrene	.0529	ug/L		.0022	.00444	
Benzyl Butyl Phthalate	.0816	ug/L		.0022	.00444	
Benzo(a)anthracene	.0578	ug/L		.0022	.00444	
Chrysene	.0555	ug/L		.0022	.00444	
Bis(2-Ethylhexyl)Phthalate	.0823	ug/L		.0022	.00444	
Di-N-Octyl Phthalate		ug/L	<MDL	.0033	.00667	
Benzo(b)fluoranthene	.058	ug/L		.0033	.00667	
Benzo(k)fluoranthene	.0618	ug/L		.0033	.00667	
Benzo(a)pyrene	.0549	ug/L		.0033	.00667	
Indeno(1,2,3-Cd)Pyrene	.0573	ug/L		.0033	.00667	
Dibenzo(a,h)anthracene	.0451	ug/L		.0033	.00667	
Benzo(g,h,i)perylene	.0563	ug/L		.0033	.00667	
2-Methylnaphthalene		ug/L	<MDL	.0033	.00667	
d14-Terphenyl	.129	ug/L		.0022	.00444	
D6-Dimethyl Phthalate	.0138	ug/L		.0022	.00444	
D8-Acenaphthylene	.0356	ug/L		.0022	.00444	
D10-Fluorene	.0376	ug/L		.0022	.00444	
D10-Anthracene	.0532	ug/L		.0022	.00444	
D10-Pyrene	.0738	ug/L		.0022	.00444	
D12-Benzo(a)pyrene	.065	ug/L		.0022	.00444	
Amount Analyzed	9000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						15-DEC-05
Operator ID						Jack Gudeman
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG83346-2.rp
Instrument ID						6890n.i
Prep Date						12-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	93	33-141
D6-Dimethyl Phthalate	25	0-150
D8-Acenaphthylene	64	0-150
D10-Fluorene	68	0-150
D10-Anthracene	96	0-150
D10-Pyrene	133	0-150
D12-Benzo(a)pyrene	117	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 01/19/06 06:51
Run ID: R111656 Workgroup: WG83345 (BL#617 PHPAHSOURCE)

MB:WG83345-1 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.0044	.00889	ug/L	<MDL	
Acenaphthylene	.0022	.00444	ug/L	<MDL	
Dimethyl Phthalate	.0022	.00444	ug/L	<MDL	
Acenaphthene	.0022	.00444	ug/L	<MDL	
Fluorene	.0022	.00444	ug/L	<MDL	
Diethyl Phthalate	.0033	.00667	ug/L	.0059	B
Phenanthrene	.0022	.00444	ug/L	<MDL	
Anthracene	.0022	.00444	ug/L	<MDL	
Di-N-Butyl Phthalate	.0022	.00444	ug/L	.0329	B
Fluoranthene	.0022	.00444	ug/L	<MDL	
Pyrene	.0022	.00444	ug/L	<MDL	
Benzyl Butyl Phthalate	.0022	.00444	ug/L	.00691	B
Benzo(a)anthracene	.0022	.00444	ug/L	<MDL	
Chrysene	.0022	.00444	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.0022	.00444	ug/L	.0193	B
Di-N-Octyl Phthalate	.0033	.00667	ug/L	<MDL	
Benzo(b)fluoranthene	.0033	.00667	ug/L	<MDL	
Benzo(k)fluoranthene	.0033	.00667	ug/L	<MDL	
Benzo(a)pyrene	.0033	.00667	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.0033	.00667	ug/L	<MDL	
Dibenzo(a,h)anthracene	.0033	.00667	ug/L	<MDL	
Benzo(g,h,i)perylene	.0033	.00667	ug/L	<MDL	
2-Methylnaphthalene	.0033	.00667	ug/L	<MDL	

SBD:WG83345-4 SB:WG83345-2 MB:WG83345-1 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Spiked Blank Duplicate, Spike Blank, Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Truevalue	SB Value	% Rec.	Qual	LabLimit	Truevalue	SBD Value	% Rec.	Qual	LabLimit	RPD	Qual	LabLimit
Acenaphthylene	.0022	.00444	ug/L	<MDL	0.0556	.0247	44		10-150	0.0556	.0214	38		10-150	15		100
Dimethyl Phthalate	.0022	.00444	ug/L	<MDL	0.0556	.0115	21		10-150	0.0556	.0115	21		10-150	0		100
Fluorene	.0022	.00444	ug/L	<MDL	0.0556	.0329	59		10-150	0.0556	.0264	48		10-150	21		100
Diethyl Phthalate	.0033	.00667	ug/L	.0059	0.0556	.0596	97		10-150	0.0556	.0491	78		10-150	22		100
Phenanthrene	.0022	.00444	ug/L	<MDL	0.0556	.0433	78		10-150	0.0556	.0416	75		10-150	4		100
Anthracene	.0022	.00444	ug/L	<MDL	0.0556	.0402	72		10-150	0.0556	.0389	70		10-150	3		100
Di-N-Butyl Phthalate	.0022	.00444	ug/L	.0329	0.0556	.108	136		10-150	0.0556	.0906	104		10-150	27		100
Pyrene	.0022	.00444	ug/L	<MDL	0.0556	.0534	96		10-150	0.0556	.0529	95		10-150	1		100
Benzyl Butyl Phthalate	.0022	.00444	ug/L	.00691	0.0556	.0946	158	*	10-150	0.0556	.0816	134		10-150	16		100
Benzo(a)anthracene	.0022	.00444	ug/L	<MDL	0.0556	.0583	105		10-150	0.0556	.0578	104		10-150	1		100
Chrysene	.0022	.00444	ug/L	<MDL	0.0556	.056	101		10-150	0.0556	.0555	100		10-150	1		100
Bis(2-Ethylhexyl)Phthalate	.0022	.00444	ug/L	.0193	0.0556	.123	186	*	10-150	0.0556	.0823	113		10-150	49		100
Benzo(b)fluoranthene	.0033	.00667	ug/L	<MDL	0.0556	.0619	111		10-150	0.0556	.058	104		10-150	7		100
Benzo(k)fluoranthene	.0033	.00667	ug/L	<MDL	0.0556	.0524	94		10-150	0.0556	.0618	111		10-150	17		100
Benzo(a)pyrene	.0033	.00667	ug/L	<MDL	0.0556	.0542	98		10-150	0.0556	.0549	99		10-150	1		100
Indeno(1,2,3-Cd)Pyrene	.0033	.00667	ug/L	<MDL	0.0556	.058	104		10-150	0.0556	.0573	103		10-150	1		100
Dibenzo(a,h)anthracene	.0033	.00667	ug/L	<MDL	0.0556	.049	88		10-150	0.0556	.0451	81		10-150	8		100
Benzo(g,h,i)perylene	.0033	.00667	ug/L	<MDL	0.0556	.0574	103		10-150	0.0556	.0563	101		10-150	2		100

KCSlip4 55464
SEA421792

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 01/19/06 06:51
Run ID: R111656 Workgroup: WG83345 (BL#617 PHPAHSOURCE)

MB:WG83345-3 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.0044	.00889	ug/L	<MDL	
Acenaphthylene	.0022	.00444	ug/L	<MDL	
Dimethyl Phthalate	.0022	.00444	ug/L	<MDL	
Acenaphthene	.0022	.00444	ug/L	<MDL	
Fluorene	.0022	.00444	ug/L	<MDL	
Diethyl Phthalate	.0033	.00667	ug/L	.005	B
Phenanthrene	.0022	.00444	ug/L	<MDL	
Anthracene	.0022	.00444	ug/L	<MDL	
Di-N-Butyl Phthalate	.0022	.00444	ug/L	.0244	B
Fluoranthene	.0022	.00444	ug/L	<MDL	
Pyrene	.0022	.00444	ug/L	<MDL	
Benzyl Butyl Phthalate	.0022	.00444	ug/L	.00645	B
Benzo(a)anthracene	.0022	.00444	ug/L	<MDL	
Chrysene	.0022	.00444	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.0022	.00444	ug/L	.019	B
Di-N-Octyl Phthalate	.0033	.00667	ug/L	<MDL	
Benzo(b)fluoranthene	.0033	.00667	ug/L	<MDL	
Benzo(k)fluoranthene	.0033	.00667	ug/L	<MDL	
Benzo(a)pyrene	.0033	.00667	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.0033	.00667	ug/L	<MDL	
Dibenzo(a,h)anthracene	.0033	.00667	ug/L	<MDL	
Benzo(g,h,i)perylene	.0033	.00667	ug/L	<MDL	
2-Methylnaphthalene	.0033	.00667	ug/L	<MDL	

KCSlip4 55465
SEA421793

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 01/19/06 06:51
Run ID: R111656 Workgroup: WG83345 (BL#617 PHPAHSOURCE)

Sample #	d14-Terphenyl	D6-Dimethyl Phtha-late	D8-Acenaphthylene	D10-Fluorene	D10-Anthracene	D10-Pyrene	D12-Benzo(a)pyrene
(Lab Limits)	33-141	0-150	0-150	0-150	0-150	0-150	0-150
L37450-1	109	11	0 *	9 *	0 *	0 *	0 *
L37450-2	108	21	0 *	9 *	0 *	14	13
L37450-3	101	20	16	37	47	55	57
L37450-4	107	21	0 *	8 *	0 *	5 *	11
L37450-5	106	22	0 *	10	0 *	10	17
WG83345-1	95	13	52	57	82	120	103
WG83345-2	94	24	71	82	97	129	114
WG83345-3	95	18	56	60	88	127	108
WG83345-4	93	25	64	68	96	133	117

KCSlip4 55466
SEA421794

Batch: \\Orgizmo\EE\chem\6890n.i\051215A.b

#	Smp. #	Injection Time	Wkgp. #	QC #	Project #	Sample Description	Matrix	Amount	DilFac	IS#2-RT	IS#2-Area	Method	Init Cali	Analyst
1	DFTPP-1	15-DEC-2005 13:15	SDGa2816	SDGa28	421152	SS#1087A DFTPP	NONE	0.000	1.0	13.000	245056	LVI_DFTP.m		Jack Gudeman
2	CCALI-1	15-DEC-2005 13:47	SDGa1658	SDGa16	421152	SS#1120A 250 ppb	WATER	1.000	1.0	6.879	578735	phpah.m	13-DEC-2005	Jack Gudeman
3	WG82962-1	15-DEC-2005 16:12	WG82962	BL#613	423589	Method Blank (10-29-2005)	WATER	2000.000	1.0	6.879	272765	phpah.m	13-DEC-2005	Jack Gudeman
4	WG83345-1	15-DEC-2005 16:47	WG83345	BL#617	423589	Method Blank (11-12-2005)	WATER	9000.000	1.0	6.879	200097	phpah.m	13-DEC-2005	Jack Gudeman
5	WG83345-2	15-DEC-2005 17:22	WG83345	BL#617	423589	Spike Blank	WATER	9000.000	1.0	6.879	167773	phpah.m	13-DEC-2005	Jack Gudeman
6	WG83346-1	15-DEC-2005 17:57	WG83346	BL#617	423589	Method Blank (11-13-2005)	WATER	9000.000	1.0	6.879	256440	phpah.m	13-DEC-2005	Jack Gudeman
7	WG83346-2	15-DEC-2005 18:32	WG83346	BL#617	423589	Spike Blank Dup	WATER	9000.000	1.0	6.879	220250	phpah.m	13-DEC-2005	Jack Gudeman
8	L37450-3	15-DEC-2005 19:07	WG83345	BL#617	423589	Lower Duwamish Phthalate Stu	WATER	9020.000	1.0	6.879	138997	phpah.m	13-DEC-2005	Jack Gudeman
9	L37450-2	15-DEC-2005 19:42	WG83345	BL#617	423589	Lower Duwamish Phthalate Stu	WATER	8700.000	1.0	6.888	570794	phpah.m	13-DEC-2005	Jack Gudeman
10	L37450-4	15-DEC-2005 20:17	WG83346	BL#617	423589	Lower Duwamish Phthalate Stu	WATER	9250.000	1.0	6.888	673341	phpah.m	13-DEC-2005	Jack Gudeman
11	L37450-5	15-DEC-2005 20:52	WG83346	BL#617	423589	Lower Duwamish Phthalate Stu	WATER	9280.000	1.0	6.888	730910	phpah.m	13-DEC-2005	Jack Gudeman
12	L37450-1	15-DEC-2005 21:26	WG83346	BL#617	423589	Lower Duwamish Phthalate Stu	WATER	8590.000	1.0	6.888	753386	phpah.m	13-DEC-2005	Jack Gudeman
13	CCALI-2	15-DEC-2005 22:01	SDGa1658	SDGa16	421152	SS#1120A 250 ppb	WATER	1.000	1.0	6.888	1115554	phpah.m	13-DEC-2005	Jack Gudeman
14	BLANK-2	15-DEC-2005 22:36	SDGa1658	SDGa16	423589	Solvent Blank	WATER	1000.000	1.0	6.888	1019627	phpah.m	13-DEC-2005	Jack Gudeman

Samples: 5 **QC Samples + Misc.:** 6 **ContinuingCals:** 2 **Tunes:** 1 **Calibrations:** 0

Batch: \\Orgizmo\EE\chem\6890n.i\051220.b

#	Smp. #	Injection Time	Wkgp. #	QC #	Project #	Sample Description	Matrix	Amount	DilFac	IS#2-RT	IS#2-Area	Method	Init Cali	Analyst
1	DFTPP-1	20-DEC-2005 12:39	SDGa2816	SDGa28	421152	SS#1087A DFTPP	NONE	0.000	1.0	12.991	199680	LVI_DFTP.m		Jack Gudeman
2	CCALI-1	20-DEC-2005 13:11	SDGa1658	SDGa16	421152	SS#1120A 250 ppb	WATER	1.000	1.0	6.879	180706	phpah.m	20-DEC-2005	Jack Gudeman
3	CALI-01	20-DEC-2005 14:30	SDGa1658	SDGa16	421152	SS#1120A 10 ppb	WATER	1.000	1.0	6.879	224882	PHPAH.m	20-DEC-2005	Jack Gudeman
4	CALI-02	20-DEC-2005 15:12	SDGa1658	SDGa16	421152	SS#1120A 25 ppb	WATER	1.000	1.0	6.879	242141	PHPAH.m	20-DEC-2005	Jack Gudeman
5	CALI-03	20-DEC-2005 15:54	SDGa1658	SDGa16	421152	SS#1120A 50 ppb	WATER	1.000	1.0	6.879	243692	PHPAH.m	20-DEC-2005	Jack Gudeman
6	CALI-04	20-DEC-2005 16:35	SDGa1658	SDGa16	421152	SS#1120A 100 ppb	WATER	1.000	1.0	6.879	269170	PHPAH.m	20-DEC-2005	Jack Gudeman
7	CALI-06	20-DEC-2005 17:17	SDGa1658	SDGa16	421152	SS#1120A 500 ppb	WATER	1.000	1.0	6.869	325181	PHPAH.m	20-DEC-2005	Jack Gudeman
8	CALI-07	20-DEC-2005 17:58	SDGa1658	SDGa16	421152	SS#1120A 1000 ppb	WATER	1.000	1.0	6.870	394727	PHPAH.m	20-DEC-2005	Jack Gudeman
9	CHECK-1	20-DEC-2005 18:40	SDGa1658	SDGa16	421152	SS#977.04P BNA	WATER	1.000	1.0	6.879	266752	PHPAH.m	20-DEC-2005	Jack Gudeman
10	BLANK-1	20-DEC-2005 19:21	SDGa1658	SDGa16	421152	SS#969 ISTD's	WATER	1.000	1.0	6.879	302021	PHPAH.m	20-DEC-2005	Jack Gudeman
11	L37450-3	20-DEC-2005 20:03	WG83345	BL#617	421152	Lower Duwamish Phthalate Stu	WATER	9020.000	10.0	6.870	288453	PHPAH.m	20-DEC-2005	Jack Gudeman
12	L37450-2	20-DEC-2005 20:44	WG83345	BL#617	421152	Lower Duwamish Phthalate Stu	WATER	8700.000	10.0	6.870	368881	PHPAH.m	20-DEC-2005	Jack Gudeman
13	L37450-4	20-DEC-2005 21:26	WG83346	BL#617	421152	Lower Duwamish Phthalate Stu	WATER	9250.000	10.0	6.879	378213	PHPAH.m	20-DEC-2005	Jack Gudeman
14	L37450-5	20-DEC-2005 22:08	WG83346	BL#617	421152	Lower Duwamish Phthalate Stu	WATER	9280.000	10.0	6.870	384647	PHPAH.m	20-DEC-2005	Jack Gudeman
15	L37450-1	20-DEC-2005 22:50	WG83346	BL#617	421152	Lower Duwamish Phthalate Stu	WATER	8590.000	10.0	6.879	411971	PHPAH.m	20-DEC-2005	Jack Gudeman
16	CCALI-2	20-DEC-2005 23:31	SDGa1658	SDGa16	421152	SS#1120A 250 ppb	WATER	1.000	1.0	6.870	435245	PHPAH.m	20-DEC-2005	Jack Gudeman
17	BLANK-2	21-DEC-2005 00:13	SDGa1658	SDGa16	421152	SS#969 ISTD's	WATER	1.000	1.0	6.870	659089	PHPAH.m	20-DEC-2005	Jack Gudeman

Samples: 5 **QC Samples + Misc.:** 3 **ContinuingCals:** 2 **Tunes:** 1 **Calibrations:** 6

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   Sequence Name: C:\msdchem\1\sequence\051215A.S
         Comment:
        Operator: Jack Gudeman
       Data Path: C:\MSDCHEM\1\DATA\051215A\
Instrument Control  Pre-Seq Cmd:
Data Analysis       Pre-Seq Cmd:

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

   Method Sections To Run      On A Barcode Mismatch
    (X) Full Method              (X) Inject Anyway
    ( ) Reprocessing Only        ( ) Don't Inject

   ---------------------------------------------------------------------
   Line                    Sample Name/Misc Info
   ---------------------------------------------------------------------
   1   Type: Tune          SS#1087A DFTPP
       Vial: 1             DFTPP 0.5 ug/ml 20 ul injection
       Method   : LVI_DFTP.M
       Datafile: DFTPP-1.D
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   2   Type: Cont.Cal      SS#1120A 250 ppb
       Vial: 2             Phthalate/PAH 250 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CCALI-1.D
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   3   Type: Blank         Method Blank (10-29-2005)
       Vial: 3             WG82962;BL#613;SS#969x200;SS#1057/1066
       Method   : PHPAH.M
       Datafile: WG82962-1.D
       Bar Code: 423589            Samp Amt: 9000       Multiplr: 1
       Matrix            :Liquid           Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   4   Type: Blank         Method Blank (11-12-2005)
       Vial: 4             WG83345;BL#617;SS#969x200;SS#1057/1066
       Method   : PHPAH.M
       Datafile: WG83345-1.D
       Bar Code: 423589            Samp Amt: 9000       Multiplr: 1
       Matrix            :Liquid           Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   5   Type: SB            Spike Blank
       Vial: 5             WG83345;BL#617;SS#969x200;SS#1057/1066
       Method   : PHPAH.M
       Datafile: WG83345-2.D
       Bar Code: 423589            Samp Amt: 9000       Multiplr: 1
       Matrix            :Liquid           Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   6   Type: Blank         Method Blank (11-13-2005)
       Vial: 6             WG83346;BL#617;SS#969x200;SS#1057/1066
       Method   : PHPAH.M
       Datafile: WG83346-1.D
       Bar Code: 423589            Samp Amt: 9000       Multiplr: 1
       Matrix            :Liquid           Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   7   Type: SBD           Spike Blank Dup
       Vial: 7             WG83346;BL#617;SS#969x200;SS#1057/1066
       Method   : PHPAH.M
       Datafile: WG83346-2.D
       Bar Code: 423589            Samp Amt: 9000       Multiplr: 1
       Matrix            :Liquid           Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   8   Type: Sample        Lower Duwamish Phthalate Studies

   Sequence Last Modified  Fri Dec 16 06:03:23 2005        Page: 1
```

```
    Vial: 8            WG83345;BL#617;SS#969x200;SS#1057/1066
    Method   : PHPAH.M
    Datafile: L37450-3.D
    Bar Code: 423589            Samp Amt: 9020        Multiplr: 1
    Matrix            :Liquid            Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
9   Type: Sample       Lower Duwamish Phthalate Studies
    Vial: 9            WG83345;BL#617;SS#969x200;SS#1057/1066
    Method   : PHPAH.M
    Datafile: L37450-2.D
    Bar Code: 423589            Samp Amt: 8700        Multiplr: 1
    Matrix            :Liquid            Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
10  Type: Sample       Lower Duwamish Phthalate Studies
    Vial: 10           WG83346;BL#617;SS#969x200;SS#1057/1066
    Method   : PHPAH.M
    Datafile: L37450-4.D
    Bar Code: 423589            Samp Amt: 9250        Multiplr: 1
    Matrix            :Liquid            Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
11  Type: Sample       Lower Duwamish Phthalate Studies
    Vial: 11           WG83346;BL#617;SS#969x200;SS#1057/1066
    Method   : PHPAH.M
    Datafile: L37450-5.D
    Bar Code: 423589            Samp Amt: 9280        Multiplr: 1
    Matrix            :Liquid            Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
12  Type: Sample       Lower Duwamish Phthalate Studies
    Vial: 12           WG83346;BL#617;SS#969x200;SS#1057/1066
    Method   : PHPAH.M
    Datafile: L37450-1.D
    Bar Code: 423589            Samp Amt: 8590        Multiplr: 1
    Matrix            :Liquid            Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
13  Type: Cont.Cal     SS#1120A 250 ppb
    Vial: 13           Phthalate/PAH 250 ppb 20 ul injection
    Method   : PHPAH.M
    Datafile: CCALI-2.D
    Bar Code: 421152            Samp Amt: 1           Multiplr: 1
    Matrix            :Method Default    Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
14  Type: Blank        Solvent Blank
    Vial: 14           MeCl2 Solvent Blank 20 ul injection
    Method   : PHPAH.M
    Datafile: BLANK-2.D
    Bar Code: 423589            Samp Amt: 1000        Multiplr: 1
    Matrix            :Liquid            Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
15  Type: Blank
    Vial: 1
    Method   : LAST.M
    Datafile:
    Bar Code:                   Samp Amt: 0           Multiplr: 0
    Matrix            :Method Default    Sublist          :Method Default
    Spikelist         :Method Default    Re-inject        :No
-----------------------------------------------------------------------
```


KCSlip4 55470

SEA421798

```
   Sequence Name: C:\msdchem\1\sequence\051220.S
         Comment:
        Operator: Jack Gudeman
       Data Path: C:\MSDCHEM\1\DATA\051220\
Instrument Control  Pre-Seq Cmd:
Data Analysis       Pre-Seq Cmd:

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

   Method Sections To Run      On A Barcode Mismatch
    (X) Full Method              (X) Inject Anyway
    ( ) Reprocessing Only        ( ) Don't Inject

   ---------------------------------------------------------------------
   Line                    Sample Name/Misc Info
   ---------------------------------------------------------------------
   1   Type: Tune          SS#1087A DFTPP
       Vial: 1             DFTPP 0.5 ug/ml 20 ul injection
       Method   : LVI_DFTP.M
       Datafile: DFTPP-1.D
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   2   Type: Cont.Cal      SS#1120A 250 ppb
       Vial: 2             Phthalate/PAH 250 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CCALI-1.D
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   3   Type: Calibration SS#1120A 10 ppb
       Vial: 3             Phthalate/PAH 10 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CALI-01.D
       LvlId:1     UpdRF:No Upd UpdRT:No Upd UpdQI:No Upd
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   4   Type: Calibration SS#1120A 25 ppb
       Vial: 4             Phthalate/PAH 25 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CALI-02.D
       LvlId:2     UpdRF:No Upd UpdRT:No Upd UpdQI:No Upd
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   5   Type: Calibration SS#1120A 50 ppb
       Vial: 5             Phthalate/PAH 50 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CALI-03.D
       LvlId:3     UpdRF:No Upd UpdRT:No Upd UpdQI:No Upd
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   6   Type: Calibration SS#1120A 100 ppb
       Vial: 6             Phthalate/PAH 100 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CALI-04.D
       LvlId:4     UpdRF:No Upd UpdRT:No Upd UpdQI:No Upd
       Bar Code: 421152            Samp Amt: 1          Multiplr: 1
       Matrix            :Method Default   Sublist         :Method Default
       Spikelist         :Method Default   Re-inject       :No
   ---------------------------------------------------------------------
   7   Type: Calibration SS#1120A 500 ppb
       Vial: 7             Phthalate/PAH 500 ppb 20 ul injection
       Method   : PHPAH.M
       Datafile: CALI-06.D
       LvlId:6     UpdRF:No Upd UpdRT:No Upd UpdQI:No Upd

  Sequence Last Modified  Tue Dec 20 14:28:15 2005        Page: 1
```

```
    Bar Code: 421152            Samp Amt: 1          Multiplr: 1
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
8   Type: Calibration SS#1120A 1000 ppb
    Vial: 8           Phthalate/PAH 1000 ppb 20 ul injection
    Method  : PHPAH.M
    Datafile: CALI-07.D
    LvlId:7    UpdRF:No Upd UpdRT:No Upd UpdQI:No Upd
    Bar Code: 421152            Samp Amt: 1          Multiplr: 1
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
9   Type: SB          SS#977.04P BNA
    Vial: 9           BNA 125 ppb 20 ul injection
    Method  : PHPAH.M
    Datafile: CHECK-1.D
    Bar Code: 421152            Samp Amt: 1          Multiplr: 1
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
10  Type: Blank       SS#969 ISTD's
    Vial: 10          ISTD's 200 ppb 20 ul injection
    Method  : PHPAH.M
    Datafile: BLANK-1.D
    Bar Code: 421152            Samp Amt: 1          Multiplr: 1
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
11  Type: Sample      Lower Duwamish Phthalate Studies
    Vial: 11          WG83345;BL#617:SS#969x200;SS#1057.1066
    Method  : PHPAH.M
    Datafile: L37450-3.D
    Bar Code: 421152            Samp Amt: 9020       Multiplr: 10
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
12  Type: Sample      Lower Duwamish Phthalate Studies
    Vial: 12          WG83345;BL#617:SS#969x200;SS#1057.1066
    Method  : PHPAH.M
    Datafile: L37450-2.D
    Bar Code: 421152            Samp Amt: 8700       Multiplr: 10
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
13  Type: Sample      Lower Duwamish Phthalate Studies
    Vial: 13          WG83346;BL#617:SS#969x200;SS#1057.1066
    Method  : PHPAH.M
    Datafile: L37450-4.D
    Bar Code: 421152            Samp Amt: 9250       Multiplr: 10
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
14  Type: Sample      Lower Duwamish Phthalate Studies
    Vial: 14          WG83346;BL#617:SS#969x200;SS#1057.1066
    Method  : PHPAH.M
    Datafile: L37450-5.D
    Bar Code: 421152            Samp Amt: 9280       Multiplr: 10
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
15  Type: Sample      Lower Duwamish Phthalate Studies
    Vial: 15          WG83346;BL#617:SS#969x200;SS#1057.1066
    Method  : PHPAH.M
    Datafile: L37450-1.D
    Bar Code: 421152            Samp Amt: 8590       Multiplr: 10
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
16  Type: Cont.Cal    SS#1120A 250 ppb
    Vial: 16          Phthalate/PAH 250 ppb 20 ul injection
    Method  : PHPAH.M
    Datafile: CCALI-2.D
    Bar Code: 421152            Samp Amt: 1          Multiplr: 1
```

```
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
17  Type: Blank       SS#969 ISTD's
    Vial: 17          ISTD's 200 ppb 20 ul injection
    Method  : PHPAH.M
    Datafile: BLANK-2.D
    Bar Code: 421152          Samp Amt: 1          Multiplr: 1
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
18  Type: Blank
    Vial: 1
    Method  : LAST.M
    Datafile:
    Bar Code:                 Samp Amt: 0          Multiplr: 0
    Matrix          :Method Default   Sublist         :Method Default
    Spikelist       :Method Default   Re-inject       :No
-----------------------------------------------------------------------
```


KCSlip4 55473

SEA421801

Samples - Round 1

LIQUID SAMPLE EXTRACTION RECORD FOR BNA ANALYSIS
TRACE ORGANICS LABORATORY

MeCL2 Lot # CP145
QC BATCH NO.: BL #617 PHPAHSOXRCLE via SPE
EPA SW-846 EXTRACTION METHOD:
CONT. L-L EPA 3520 SEP. FUNNEL EPA 3510

WORKGROUP NO.: WS83345, WS83346
BNA SURROGATE SPIKE: 1057 + 1066 (DMCs)
BNA MATRIX SPIKE: 1073

Date/ Analyst	Sample Number	Project Number	Sample Description	coc	pH	Initial Amt. (ml)	Spike Amount (ul)	Vf (ml)	Conc. Anlyst	Turn Over Date	Comments	
JG 11/12/05	WS83345-1	QC	MB		6	9000	1057-100µl, 1066-25µl	1.0	JG	12/15/05	*Added 45 ml MeOH. SPE Lot B12415	59 ml
	WS83345-2	QC	SB		6	9000	1057-100µl, 1066-25µl, 1073-50µl	1.0	JG	12/15/05	*45 ml MeOH SPE Lot B12415	49.5 m
JG 11/12/05	L37450-3	423589-090-001	~~BG-BK~~ BW-01-102505-110805		6	9020 ~~9450~~	1057-100µl, 1066-50µl	1.0	JG	12/15/05	*45 ml MeOH SPE Lot B12415 *Double capped for DMCs. Before and after deployment.	45.5 m
	L37450-2	423589-090-001	CE-01-~~102~~ JG 11/12/05 102505-110805		6	8700	1057-100µl, 1066-25µl	1.0	JG	12/15/05	*45 ml MeOH SPE Lot B12415	55.5 m
JG 11/13/05	WS83346-1	QC	MB		6	9000	1057-100µl, 1066-25µl	1.0	JG	12/15/05	*45 ml MeOH SPE Lot B12415	35 ml
	WS83346-2	QC	SBD		6	9000	1057-100µl, 1066-25µl, 1073-50µl	1.0	JG	12/15/05	*45 ml MeOH SPE Lot B12415	40 ml
	L37450-4	423589-090-001	SPCC-01-102505-110805		6	9250	1057-100µl, 1066-25µl	1.0	JG	12/15/05	*45 ml MeOH SPE Lot B12415	52 m
	L37450-5	↓	KCIA-01-102505-110805		6	9280	↓	↓	↓	↓	*45 ml MeOH SPE Lot B12415	48 m
	L37450-1	↓	DZ-01-102505-110805		6	8590	↓	↓	↓	↓	*45 ml MeOH SPE Lot B12415	37.5 m
											*All samples Na_2SO_4/K-D on 12/14/05.	
											*WS83345-2 K-D to 2.5 ml.	

KCSlip4 55474
SEA421802

6890n DILUTION LOG

King County Environmental Laboratory

Date & Initials	Sample Name/ Sample Number	Extract Vol Used (ml)	Final Vol	Dil Fac	IS #	Additional IS (ul)	Total IS (ul)
12-20-05 JG	L37450-1	~~0.002~~ 0.100	1.0 ml	10x	SS#969 x 200	18 µl	20 µl
12-20-05 JG	L37450-2	0.100	1.0 ml	10x	SS#969 x 200	18 µl	20 µl
12-20-05 JG	L37450-3	0.100	1.0 ml	10x	SS#969 x 200	18 µl	20 µl
12-20-05 JG	L37450-4	0.100	1.0 ml	10x	SS#969 x 200	18 µl	20 µl
12-20-05 JG	L37450-5	0.100	1.0 ml	10x	SS#969 x 200	18 µl	20 µl

JG 12/20/05

6890n MAINTENANCE LOG

King County Environmental Laboratory

Date & Initials	Maintenance Description

KCSlip4 55475

SEA421803

Trace Organics Data Anomaly Form

Date(s) Occurred: *12-15-2005*

WG #(s): *83345*

☐ **All samples in WKGP(s) or Sample #(s):** *WG83345-1,2,3,4 & L37450-1,2,3*

Project #(s): *423589-090-1*

Matrix: ☒ **Liquid** ☐ **Solid** ☐ **Air** ☐ **Tissue** ☐ **Calibration** ☐ **Other:**

I. Analysis/Extraction

☐ BNA ☐ BNALL ☐ EDC ☐ EDC-LVI
☐ CLPESTPCB ☐ PEST ☐ PCB ☐ OPPEST
☐ VOA-GCMS ☐ NWTPH-GX ☐ NWTPH-DX ☐ NWTPH-HCID
☐ BUTYL TIN ☐ AIRTOX ☐ AIR-SULFUR
☒ Other: *PHPAH*
☐ Subcontracted:

II. Instrument

GC/ICP/MS: ☐ P
GC/MS: ☐ D ☐ E ☐ J ☐ K ☐ L ☐ M ☒ N
GC: ☐ F ECD ☐ G ECD ☐ H FID ☐ H O14450PID/FID
☐ I FID
Extraction/Cleanup: ☐ PTE ☐ GPC
☐ Other:

III. Type of Sample/Analytical Anomaly

☒ Values Outside of Control Limits:

1. ☐ Blank Contamination
2. ☐ SB/SBD Spike Recoveries
3. ☐ MS/MSD Spike Recoveries
4. ☒ LCS/SRM Recoveries
5. ☐ Initial Calibration
6. ☐ Performance Checks
7. ☒ ISTD % Differences
8. ☐ Surrogate Spike Recoveries
9. ☐ SB/SBD RPD
10. ☐ MS/MSD RPD
11. ☐ Sample/LD RPD
12. ☐ Continuing Calibration Checks
13. ☐ Tuning Criteria

14. ☐ Holding time exceeded by:
15. ☐ Insufficient sample amount.
16. ☐ Inappropriate storage, container or preservation.
17. ☐ Other

Anomaly Description: *Area counts for ISTD1 (1,4-Dichlorobenzene-d4) and ISTD2 (Naphthalene-d8) failed QA/QC acceptance limits in samples WG83345-1,2,3,4 and in L37450-3. Area counts for ISTD1 (1,4-Dichlorobenzene-d4) failed QA/QC acceptance limits in samples L37450-1,2.*

IV. Type of Project Anomaly

- ☐ SAP/Work Plan specified MDLs not met.
- ☐ SAP/Work Plan specified QC frequency or QC type not met.
- ☐ SAP/Work Plan specified methodology not used.
- ☐ Sample exceeds regulatory and/or hazardous waste limits.
- ☐ Sample data results are unusual or inconsistent with expected results.
- ☐ Other

Anomaly Description: *NA*

V. Corrective Action Taken

- ☐ Sample(s) re-analyzed
- ☐ Sample(s) re-prepared and re-analyzed
- ☒ Sample(s) reported "AS IS"
- ☐ Data qualified with the following flags:
- ☐ Other

Corrective Action Description:

VI. Potential Effects on Data Quality

Based upon the expected performance of this method:

- ☐ It is likely the observed anomaly influenced the reported value(s).
- ☒ It is unlikely the observed anomaly influenced the reported value(s).
- ☐ The observed anomaly may have influenced the reported value(s).
- ☐ It is unknown whether or not the observed anomaly affected the reported value(s)

Explanation:

	Signatures	Signature Dates
Reported By: *Dave Fada*	Dave Fada	1-20-2006
Reviewer: *Mike Doubrava*	[illegible]	[illegible]
Supervisor: *Dana Walker*	Dana M. Walker	1/23/06
QA Officer: *Colin Elliott* (For QA1 only)		
cc: LPM:		

A/M
11/30/05
m

King County Environmental Laboratory

WORK GROUP REPORT (wk02)

Nov 14 2005, 08:07 am

Work Group: WG83231 (PHPAHWIPE) for Department: 7 - Organics, Trace

Created: 14-NOV-05 PrepDate: 14-NOV-05 Due: Operator: MCD

Sample	Project Number	Project Description	Prey	C	Product	Matrix	Stat	UA	Workdate	Duedate
L37254-1 6	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	07-NOV-05	23-NOV-05
L37254-2 7	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	07-NOV-05	23-NOV-05
L37254-3 8	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	07-NOV-05	23-NOV-05
L37254-4 9	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	07-NOV-05	23-NOV-05
L37254-5 10	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	07-NOV-05	23-NOV-05
L37450-10	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	22-NOV-05	08-DEC-05
L37450-6	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	22-NOV-05	08-DEC-05
L37450-7	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	22-NOV-05	08-DEC-05
L37450-8	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	22-NOV-05	08-DEC-05
L37450-9	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	22-NOV-05	08-DEC-05
WG83231-1	MB		S		PHPAHWIPE	OTHR SOLID	WKGP	U	14-NOV-05	
WG83231-2	MB		S		PHPAHWIPE	OTHR SOLID	WKGP	U	14-NOV-05	
WG83231-3	MB		S		PHPAHWIPE	OTHR SOLID	WKGP	U	14-NOV-05	

Comments:

L37450-10	wipes
L37450-6	wipes
L37450-7	wipes
L37450-8	wipes
L37450-9	wipes
WG83231-1	EXTRACTION BLANK 14-NOV-05
WG83231-2	FILTER BLANK 24-OCT-05
WG83231-3	FILTER BLANK 10-NOV-05

KCSlip4 55478

SEA421806

SOLID AND TISSUE SAMPLE EXTRACTION RECORD FOR BNA ANALYSIS
TRACE ORGANICS LABORATORY

QC BATCH NO.: BS 200 1:1 Acetone:MeCl2

EPA SW-846 EXTRACTION METHOD:

SONICATION EPA 3550 SOXHLET EPA 3540

WORKGROUP NO.: WG83231

BNA SURROGATE SPIKE I.D.#: SS#1173

BNA MATRIX SPIKE I.D.#:

Coprostanol:

Caffeine:

Date/ Analyst	Sample Number	Project Number	Sample Description	coc	Init. Amt (g)	Spike Amount (uL)	Vf (mL)	Clean ups (GPC)	Conc. Anal.	Turn Over Date	Comments
11/14/05	WG83231-1		method BLANK			50 uL	0.5				Solvent BLANK
MO	WG83231-2		FB 24-OCT-05								Filter BLANK
	WG83231-3		FB 10-NOV-05								Filter BLANK
	L37254-1		BLANK WIPE L37450-6								
	-2		BLANK WIPE L37450-7								
	-3		BLANK WIPE L37450-8								
	-4		BLANK WIPE L37450-9								
	-5		BLANK WIPE L37450-10								
	L37450-6		collected water samples								
	-7										
	-8										
	-9										
	-10										

(1) Filter paper MeCl2 rinsed prior to use test
(2) Funnels used x2 with MeCl2 soaked filter paper
(3) Filter paper extracted x3 50mL MeCl2 sonic bath, K-D to 0.5 mL FV

KCSlip4 55479

SEA421807

A/M
11/30/05
pms

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 11/21/05 08:01
Run ID: R110883 Workgroup: WG83231 (PHPAHWIPE)

MB:WG83231-1 Matrix: OTHR SOLID Listtype: ORPHPAHWIPE Method: 8270D-WIPETEST Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.01	.02	ug	<MDL	
Acenaphthylene	.005	.01	ug	<MDL	
Dimethyl Phthalate	.025	.05	ug	<MDL	
Acenaphthene	.005	.01	ug	<MDL	
Fluorene	.005	.01	ug	<MDL	
Diethyl Phthalate	.025	.05	ug	<MDL	
Phenanthrene	.005	.01	ug	<MDL	
Anthracene	.005	.01	ug	<MDL	
Di-N-Butyl Phthalate	.025	.05	ug	<MDL	
Fluoranthene	.005	.01	ug	<MDL	
Pyrene	.005	.01	ug	<MDL	
Benzyl Butyl Phthalate	.025	.05	ug	<MDL	
Benzo(a)anthracene	.005	.01	ug	<MDL	
Chrysene	.005	.01	ug	<MDL	
Bis(2-Ethylhexyl)Phthalate	.025	.05	ug	<MDL	
Di-N-Octyl Phthalate	.025	.05	ug	<MDL	
Benzo(b)fluoranthene	.01	.02	ug	<MDL	
Benzo(k)fluoranthene	.01	.02	ug	<MDL	
Benzo(a)pyrene	.01	.02	ug	<MDL	
Indeno(1,2,3-Cd)Pyrene	.01	.02	ug	<MDL	
Dibenzo(a,h)anthracene	.01	.02	ug	<MDL	
Benzo(g,h,i)perylene	.01	.02	ug	<MDL	
2-Methylnaphthalene	.005	.01	ug	<MDL	

MB:WG83231-2 Matrix: OTHR SOLID Listtype: ORPHPAHWIPE Method: 8270D-WIPETEST Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.01	.02	ug	<MDL	
Acenaphthylene	.005	.01	ug	<MDL	
Dimethyl Phthalate	.025	.05	ug	<MDL	
Acenaphthene	.005	.01	ug	<MDL	
Fluorene	.005	.01	ug	<MDL	
Diethyl Phthalate	.025	.05	ug	.044	B
Phenanthrene	.005	.01	ug	<MDL	
Anthracene	.005	.01	ug	<MDL	
Di-N-Butyl Phthalate	.025	.05	ug	.0623	B
Fluoranthene	.005	.01	ug	<MDL	
Pyrene	.005	.01	ug	<MDL	
Benzyl Butyl Phthalate	.025	.05	ug	<MDL	
Benzo(a)anthracene	.005	.01	ug	<MDL	
Chrysene	.005	.01	ug	<MDL	
Bis(2-Ethylhexyl)Phthalate	.025	.05	ug	.182	B
Di-N-Octyl Phthalate	.025	.05	ug	<MDL	
Benzo(b)fluoranthene	.01	.02	ug	<MDL	
Benzo(k)fluoranthene	.01	.02	ug	<MDL	
Benzo(a)pyrene	.01	.02	ug	<MDL	
Indeno(1,2,3-Cd)Pyrene	.01	.02	ug	<MDL	
Dibenzo(a,h)anthracene	.01	.02	ug	<MDL	
Benzo(g,h,i)perylene	.01	.02	ug	<MDL	

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SEA421808

MB:WG83231-2 Matrix: OTHR SOLID Listtype: ORPHPAHWIPE Method: 8270D-WIPETEST Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
2-Methylnaphthalene	.005	.01	ug	<MDL	

MB:WG83231-3 Matrix: OTHR SOLID Listtype: ORPHPAHWIPE Method: 8270D-WIPETEST Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.01	.02	ug	<MDL	
Acenaphthylene	.005	.01	ug	<MDL	
Dimethyl Phthalate	.025	.05	ug	<MDL	
Acenaphthene	.005	.01	ug	<MDL	
Fluorene	.005	.01	ug	<MDL	
Diethyl Phthalate	.025	.05	ug	.0532	B
Phenanthrene	.005	.01	ug	<MDL	
Anthracene	.005	.01	ug	<MDL	
Di-N-Butyl Phthalate	.025	.05	ug	.0799	B
Fluoranthene	.005	.01	ug	<MDL	
Pyrene	.005	.01	ug	<MDL	
Benzyl Butyl Phthalate	.025	.05	ug	<MDL	
Benzo(a)anthracene	.005	.01	ug	<MDL	
Chrysene	.005	.01	ug	<MDL	
Bis(2-Ethylhexyl)Phthalate	.025	.05	ug	.171	B
Di-N-Octyl Phthalate	.025	.05	ug	<MDL	
Benzo(b)fluoranthene	.01	.02	ug	<MDL	
Benzo(k)fluoranthene	.01	.02	ug	<MDL	
Benzo(a)pyrene	.01	.02	ug	<MDL	
Indeno(1,2,3-Cd)Pyrene	.01	.02	ug	<MDL	
Dibenzo(a,h)anthracene	.01	.02	ug	<MDL	
Benzo(g,h,i)perylene	.01	.02	ug	<MDL	
2-Methylnaphthalene	.005	.01	ug	<MDL	

KCSlip4 55481
SEA421809

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 11/21/05 08:01
Run ID: R110883 Workgroup: WG83231 (PHPAHWIPE)

Sample #	2-Fluorobiphenyl	d14-Terphenyl
(Lab Limits)	30-115	18-137
L37254-1	66	98
L37254-2	77	83
L37254-3	65	85
L37254-4	74	100
L37254-5	73	102
L37450-6	71	91
L37450-7	77	97
L37450-8	81	97
L37450-9	69	98
L37450-10	52	86
WG83231-1	101	100
WG83231-2	67	91
WG83231-3	67	79

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SEA421810

Batch: \\orgizmo\EE\chem\6890j.i\051115.b

#	Smp. #	Injection Time	Wkgp. #	QC #	Project #	Sample Description	Matrix	Amount	DilFac	IS#2-RT	IS#2-Area	Method	Init Cali	Analyst
1	COND-01	15-NOV-2005 07:33	SDGa0961	SDGa09	421195	10 PPM COND	SOIL	0.000	1.0	19.921	524742	8270B1.m	14-NOV-2005	M.Doubrava
2	BLANK-01	15-NOV-2005 08:14	SDGa0961	SDGa09	421195	MECL2	SOIL	0.000	1.0	0.000	0	8270B1.m	14-NOV-2005	M.Doubrava
3	DFTPP-1	15-NOV-2005 08:54	SDGa0971	SDGa09		10 NG/UL DFTPP MIX	NONE	0.000	1.0	13.261	161600	DFTPP.m		M.Doubrava
4	CCALI-01	15-NOV-2005 09:30	SDGa0961	SDGa09	421195	SS#1188 I 0.100 PPM BNA STD	SOIL	0.000	1.0	8.465	353886	8270b1.m	14-NOV-2005	M.Doubrava
5	CCALI-02	15-NOV-2005 10:11	SDGa0961	SDGa09	421195	SS#1188 G 0.500 PPM BNA STD	SOIL	0.000	1.0	8.465	457315	8270b1.m	14-NOV-2005	M.Doubrava
6	CCALI-03	15-NOV-2005 10:51	SDGa0961	SDGa09	421195	SS#1188 D 6.00 PPM BNA STD	SOIL	0.000	1.0	8.465	413785	8270b1.m	14-NOV-2005	M.Doubrava
7	BLANK-02	15-NOV-2005 11:33	SDGa0961	SDGa09	421195	MECL2	SOIL	0.000	1.0	0.000	0	8270B1.m	14-NOV-2005	M.Doubrava
8	WG83231-1	15-NOV-2005 12:13	WG83231	BS#200	421195	WG83231-1 SOLVENT BLANK	SOIL	1000.000	0.5	8.465	388615	8270b1.m	14-NOV-2005	M.Doubrava
9	WG83231-2	15-NOV-2005 12:54	WG83231	BS#200	421195	WG83231-2 FILTER BLANK 10/24	SOIL	1000.000	0.5	8.465	467747	8270b1.m	14-NOV-2005	M.Doubrava
10	WG83231-3	15-NOV-2005 13:35	WG83231	BS#200	421195	WG83231-3 FILTER BLANK 10/10	SOIL	1000.000	0.5	8.465	475650	8270b1.m	14-NOV-2005	M.Doubrava
11	L37254-1	15-NOV-2005 14:16	WG83231	BS#200	421195	L37254-1 BLANK WIPE OF L3745	SOIL	1000.000	0.5	8.465	368778	8270b1.m	14-NOV-2005	M.Doubrava
12	L37254-2	15-NOV-2005 14:57	WG83231	BS#200	421195	L37254-2 BLANK WIPE OF L3745	SOIL	1000.000	0.5	8.465	395006	8270b1.m	14-NOV-2005	M.Doubrava
13	L37254-3	15-NOV-2005 15:38	WG83231	BS#200	421195	L37254-3 BLANK WIPE OF L3745	SOIL	1000.000	0.5	8.465	404968	8270b1.m	14-NOV-2005	M.Doubrava
14	L37254-4	15-NOV-2005 16:19	WG83231	BS#200	421195	L37254-4 BLANK WIPE OF L3745	SOIL	1000.000	0.5	8.465	375693	8270b1.m	14-NOV-2005	M.Doubrava
15	L37254-5	15-NOV-2005 17:00	WG83231	BS#200	421195	L37254-5 BLANK WIPE OF L3745	SOIL	1000.000	0.5	8.465	446106	8270b1.m	14-NOV-2005	M.Doubrava
16	L37450-6	15-NOV-2005 17:40	WG83231	BS#200	421195	L37450-6 RAIN H2O	SOIL	1000.000	0.5	8.465	474771	8270b1.m	14-NOV-2005	M.Doubrava
17	L37450-7	15-NOV-2005 18:21	WG83231	BS#200	421195	L37450-7 RAIN H2O	SOIL	1000.000	0.5	8.465	375816	8270b1.m	14-NOV-2005	M.Doubrava
18	L37450-8	15-NOV-2005 19:02	WG83231	BS#200	421195	L37450-8 RAIN H2O	SOIL	1000.000	0.5	8.465	343759	8270b1.m	14-NOV-2005	M.Doubrava
19	L37450-9	15-NOV-2005 19:42	WG83231	BS#200	421195	L37450-9 RAIN H2O	SOIL	1000.000	0.5	8.465	459981	8270b1.m	14-NOV-2005	M.Doubrava
20	L37450-10	15-NOV-2005 20:23	WG83231	BS#200	421195	L37450-10 RAIN H2O	SOIL	1000.000	0.5	8.465	409016	8270b1.m	14-NOV-2005	M.Doubrava
21	BLANK-03	15-NOV-2005 21:03	SDGa0961	SDGa09	421195	MECL2	SOIL	0.000	1.0	0.000	0	8270B1.m	14-NOV-2005	M.Doubrava
22	DFTPP-2	15-NOV-2005 21:44	SDGa0971	SDGa09		10 NG/UL DFTPP MIX	NONE	0.000	1.0	13.261	178880	DFTPP.m		M.Doubrava
23	CCALI-04	15-NOV-2005 22:18	SDGa0961	SDGa09	421195	SS#1188 I 0.100 PPM BNA STD	SOIL	0.000	1.0	8.465	258400	8270b1.m	14-NOV-2005	M.Doubrava
24	CCALI-05	15-NOV-2005 22:59	SDGa0961	SDGa09	421195	SS#1188 G 0.500 PPM BNA STD	SOIL	0.000	1.0	8.465	294908	8270b1.m	14-NOV-2005	M.Doubrava
25	CCALI-06	15-NOV-2005 23:39	SDGa0961	SDGa09	421195	SS#1188 D 6.00 PPM BNA STD	SOIL	0.000	1.0	8.465	299257	8270b1.m	14-NOV-2005	M.Doubrava

Samples: 16 **QC Samples + Misc.: 6** **ContinuingCals: 1** **Tunes: 2** **Calibrations: 0**

```
   Sequence Name: C:\MSDChem\1\sequence\051115.S
         Comment:
        Operator:
       Data Path: C:\MSDChem\1\data\051115\
Top                    Pre-Seq Cmd:
Instrument Control     Pre-Seq Cmd:
Data Analysis          Pre-Seq Cmd:

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

   Method Sections To Run      On A Barcode Mismatch
    (X) Full Method              (X) Inject Anyway
    ( ) Reprocessing Only        ( ) Don't Inject

   ----------------------------------------------------------------------
   Line                     Sample Name/Misc Info
 1)  Sample          1  COND-01  8270B1   10 PPM COND
 2)  Inst. Blk       2  BLANK-01 8270B1   MECL2
 3)  Tune            3  DFTPP-1  DFTPP    10 NG/UL DFTPP MIX
 4)  Sample          4  CCALI-01 8270B1   SS#1188 I 0.100 PPM BNA STD
 5)  Sample          5  CCALI-02 8270B1   SS#1188 G 0.500 PPM BNA STD
 6)  Sample          6  CCALI-03 8270B1   SS#1188 D 6.00 PPM BNA STD
 7)  Inst. Blk       2  BLANK-02 8270B1   MECL2
 8) Blank            7
     Datafile          WG83231-1
     Method            8270B1
 9) Blank            8
     Datafile          WG83231-2
     Method            8270B1
10) Blank            9
     Datafile          WG83231-3
     Method            8270B1
11)  Sample        10  L37254-1 8270B1   L37254-1 BLANK WIPE OF L37450
12)  Sample        11  L37254-2 8270B1   L37254-2 BLANK WIPE OF L37450
13)  Sample        12  L37254-3 8270B1   L37254-3 BLANK WIPE OF L37450
14)  Sample        13  L37254-4 8270B1   L37254-4 BLANK WIPE OF L37450
15)  Sample        14  L37254-5 8270B1   L37254-5 BLANK WIPE OF L37450
16)  Sample        15  L37450-6 8270B1   L37450-6 RAIN H2O
17)  Sample        16  L37450-7 8270B1   L37450-7 RAIN H2O
18)  Sample        17  L37450-8 8270B1   L37450-8 RAIN H2O
19)  Sample        18  L37450-9 8270B1   L37450-9 RAIN H2O
20) Sample         19
     Datafile          L37450-10
     Method            8270B1
21)  Inst. Blk      2  BLANK-03 8270B1   MECL2
22)  Tune           3  DFTPP-2  DFTPP    10 NG/UL DFTPP MIX
23)  Sample         4  CCALI-04 8270B1   SS#1188 I 0.100 PPM BNA STD
24)  Sample         5  CCALI-05 8270B1   SS#1188 G 0.500 PPM BNA STD
25)  Sample         6  CCALI-06 8270B1   SS#1188 D 6.00 PPM BNA STD
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SEA421812

Trace Organics Data Anomaly Form

Date(s) Occurred: *11/15/05*

WG #(s): *WG83231*

☒ **All samples in WKGP(s) or Sample #(s):**

Project #(s): *423589-090-001*

Matrix: ☐ **Liquid** ☐ **Solid** ☐ **Air** ☐ **Tissue** ☐ **Calibration** ☒ **Other:** *WIPES*

I. Analysis/Extraction

☐ BNA ☐ BNALL ☐ EDC ☐ EDC-LVI
☐ CLPESTPCB ☐ PEST ☐ PCB ☐ OPPEST
☐ VOA-GCMS ☐ NWTPH-GX ☐ NWTPH-DX ☐ NWTPH-HCID
☐ BUTYL TIN ☐ AIRTOX ☐ AIR-SULFUR
☒ Other: *PHPAHWIPE*
☐ Subcontracted:

II. Instrument

GC/ICP/MS: ☐ P
GC/MS: ☐ D ☐ E ☒ J ☐ K ☐ L ☐ M ☐ N
GC: ☐ F ECD ☐ G ECD ☐ H FID ☐ H OI4450PID/FID
☐ I FID
Extraction/Cleanup: ☐ PFE ☐ GPC
☐ Other:

III. Type of Sample/Analytical Anomaly

☐ Values Outside of Control Limits:

1 ☐ Blank Contamination
2 ☐ SB/SBD Spike Recoveries
3 ☐ MS/MSD Spike Recoveries
4 ☐ LCS/SRM Recoveries
5 ☐ Initial Calibration
6 ☐ Performance Checks
7 ☐ ISTD % Differences
8 ☐ Surrogate Spike Recoveries
9 ☐ SB/SBD RPD
10 ☐ MS/MSD RPD
11 ☐ Sample/LD RPD
12 ☐ Continuing Calibration Checks
13 ☐ Tuning Criteria

14 ☐ Holding time exceeded by:
15 ☐ Insufficient sample amount.
16 ☐ Inappropriate storage, container or preservation.
17 ☒ Other

Anomaly Description:
17. The goal of this project is low level analyses for PAHs and Phthalates from surface wpies of funnels used to collect rain water. Instrument J was calibrated on 11/14/05 using up to 13 points to generate calibration curves for some of the targets. For the analyses of the wipe samples, instrument J's calibration curve was optimized toward the low end of the calibration curve. The curve was checked

using the 0.5 ng/ul BNA STD (instead of the 6.0 ng/ul used for most other projects) and daily responses updated

IV. Type of Project Anomaly

- ☐ SAP/Work Plan specified MDLs not met.
- ☐ SAP/Work Plan specified QC frequency or QC type not met.
- ☐ SAP/Work Plan specified methodology not used.
- ☐ Sample exceeds regulatory and/or hazardous waste limits.
- ☐ Sample data results are unusual or inconsistent with expected results.
- ☒ Other

Anomaly Description:
1. The filter blanks WG83231-2 and WG83231-3 had trace amounst of reportable phthalates. For this project, if the target phthalate in the smaple exceeded the filter blank values by 3 times the sample value was not flagged "B". If the sample value was less than 3 times, a "B" flag was assigned.

V. Corrective Action Taken

- ☐ Sample(s) re-analyzed
- ☐ Sample(s) re-prepared and re-analyzed
- ☐ Sample(s) reported "AS IS"
- ☐ Data qualified with the following flags:
- ☐ Other

Corrective Action Description:

VI. Potential Effects on Data Quality

Based upon the expected performance of this method:

- ☐ It is likely the observed anomaly influenced the reported value(s).
- ☐ It is unlikely the observed anomaly influenced the reported value(s).
- ☐ The observed anomaly may have influenced the reported value(s).
- ☐ It is unknown whether or not the observed anomaly affected the reported value(s).

Explanation:

	Signatures	Signature Dates
Reported By: *M. Doubrava*		11/30/05
Reviewer: *D. Walker*		
Supervisor: *Dana Walker*		
QA Officer: *Colin Elliott* (For QA1 only)		
cc: LPM:		

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: WG83231-1	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:		Run ID:	R110883	Col. Date:
	Locator:	MB	Work Group:	WG83231	Rec. Date: 14 NOV-05
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate		ug	<MDL	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate		ug	<MDL	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate		ug	<MDL	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	1.26	ug		.01	.02	
d14-Terphenyl	1.25	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG83231-1.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	101	30-115
d14-Terphenyl	100	18-137

KCSlip4 55487

SEA421815

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: WG83231-2	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:		Run ID:	R110883	Col. Date:
	Locator:	MB	Work Group:	WG83231	Rec. Date: 14-NOV-05
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.044	ug	<RDL,B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0623	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.182	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.835	ug		.01	.02	
d14-Terphenyl	1.14	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG83231-2.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	67	30-115
d14-Terphenyl	91	18-137

KCSlip4 55488

SEA421816

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: WG83231-3	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:		Run ID:	R110883	Col. Date:
	Locator:	MB	Work Group:	WG83231	Rec. Date: 14-NOV-05
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.0532	ug	B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0799	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.171	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.843	ug		.01	.02	
d14-Terphenyl	.985	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/WG83231-3.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	67	10-115
d14-Terphenyl	79	18-137

KCSlip4 55489

SEA421817

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37254-1	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 24-OCT-05
	Locator:	DZ	Work Group:	WG83231	Rec. Date: 24-OCT-05
	Site:	METRO	QC Type:		Due Date: 23-NOV-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.044	ug	<RDL,B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0708	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.181	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.822	ug		.01	.02	
d14-Terphenyl	1.23	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37254-1.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	66	30-115
d14-Terphenyl	98	18-137

KCSlip4 55490

SEA421818

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37254-2	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 24-OCT-05
	Locator:	BW	Work Group:	WG83231	Rec. Date: 24-OCT-05
	Site:	METRO	QC Type:		Due Date: 23-NOV-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.041	ug	<RDL,B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0678	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.185	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.958	ug		.01	.02	
d14-Terphenyl	1.03	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37254-2.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	77	30-115
d14-Terphenyl	83	18-137

KCSlip4 55491

SEA421819

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37254-3	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090 1	Run ID:	R110883	Col. Date: 24-OCT-05
	Locator:	CE	Work Group:	WG83231	Rec. Date: 24-OCT-05
	Site:	METRO	QC Type:		Due Date: 23-NOV-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.043	ug	<RDL,B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0932	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.201	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.81	ug		.01	.02	
d14-Terphenyl	1.06	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37254-3.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	65	10-115
d14-Terphenyl	85	18-137

KCSlip4 55492

SEA421820

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37254-4	Matrix: OTHR SOLID	List Type: ORPHPAHWIPE			
	Project: 423589-090-1	Run ID: R110883		Col. Date:	24-OCT-05
	Locator: SPCC	Work Group: WG83231		Rec. Date:	24-OCT-05
	Site: METRO	QC Type:		Due Date:	23-NOV-05
	Method Code: 8270D-WIPETEST				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.046	ug	<RDL,B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0704	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate		ug	<MDL	.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.18	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.931	ug		.01	.02	
d14-Terphenyl	1.25	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L37254-4.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	74	10-115
d14-Terphenyl	100	18-137

KCSlip4 55493

SEA421821

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37254-5	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 24-OCT-05
	Locator:	KCA	Work Group:	WG83231	Rec. Date: 24-OCT-05
	Site:	METRO	QC Type:		Due Date: 23-NOV-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.043	ug	<RDL,B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0781	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.157	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.244	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.911	ug		.01	.02	
d14-Terphenyl	1.28	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L37254-5.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	73	30-115
d14-Terphenyl	102	18-137

KCSlip4 55494

SEA421822

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37450-6	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 08-NOV-05
	Locator:	DZ	Work Group:	WG83231	Rec. Date: 08-NOV-05
	Site:	METRO	QC Type:		Due Date: 08-DEC-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.0626	ug	B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0749	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.157	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.264	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.883	ug		.01	.02	
d14-Terphenyl	1.14	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37450-6.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2 Fluorobiphenyl	71	30-115
d14-Terphenyl	91	18-137

KCSlip4 55495

SEA421823

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37450-7	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 08-NOV-05
	Locator:	CE	Work Group:	WG83231	Rec. Date: 08-NOV-05
	Site:	METRO	QC Type:		Due Date: 08-DEC-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.05	ug	<RDL,B	.025	.05	
Phenanthrene	.033	ug		.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.134	ug	B	.025	.05	
Fluoranthene	.0281	ug		.005	.01	
Pyrene	.0286	ug		.005	.01	
Benzyl Butyl Phthalate	.268	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene	.0185	ug		.005	.01	
Bis(2-Ethylhexyl)Phthalate	.53	ug		.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.959	ug		.01	.02	
d14-Terphenyl	1.21	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37450-7.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	77	30-115
d14-Terphenyl	97	18-137

KCSlip4 55496

SEA421824

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37450-8	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 08-NOV-05
	Locator:	BW	Work Group:	WG83231	Rec. Date: 08-NOV-05
	Site:	METRO	QC Type:		Due Date: 08-DEC-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.049	ug	<RDL,B	.025	.05	
Phenanthrene	.0185	ug		.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0771	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.155	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.348	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene	.016	ug	<RDL	.01	.02	
Dibenzo(a,h)anthracene	.014	ug	<RDL	.01	.02	
Benzo(g,h,i)perylene	.017	ug	<RDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	1.02	ug		.01	.02	
d14-Terphenyl	1.21	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37450-8.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	81	30-115
d14-Terphenyl	97	18-137

KCSlip4 55497

SEA421825

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37450-9	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R110883	Col. Date: 08-NOV-05
	Locator:	SPCC	Work Group:	WG83231	Rec. Date: 08-NOV-05
	Site:	METRO	QC Type:		Due Date: 08-DEC-05
	Method Code:	8270D-WIPETEST			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate	.045	ug	<RDL,B	.025	.05	
Phenanthrene	.0162	ug		.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.085	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.196	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.489	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.859	ug		.01	.02	
d14-Terphenyl	1.22	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L37450-9.rp
Instrument ID						6890j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	69	30-115
d14-Terphenyl	98	18-137

KCSlip4 55498

SEA421826

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 11/30/05 01:25 - Data Source: ELD

Sample#: L37450-10	Matrix: OTHR SOLID	List Type: ORPHPAHWIPE			
	Project: 423589-090-1	Run ID: R110883		Col. Date:	08-NOV-05
	Locator: KCIA	Work Group: WG83231		Rec. Date:	08-NOV-05
	Site: METRO	QC Type:		Due Date:	08-DEC-05
	Method Code: 8270D-WIPETEST				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug	<MDL	.01	.02	
Acenaphthylene		ug	<MDL	.005	.01	
Dimethyl Phthalate		ug	<MDL	.025	.05	
Acenaphthene		ug	<MDL	.005	.01	
Fluorene		ug	<MDL	.005	.01	
Diethyl Phthalate		ug	<MDL	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.0604	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.131	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.184	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene		ug	<MDL	.01	.02	
Benzo(k)fluoranthene		ug	<MDL	.01	.02	
Benzo(a)pyrene		ug	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug	<MDL	.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.647	ug		.01	.02	
d14-Terphenyl	1.08	ug		.01	.02	
Amount Analyzed	1000	g				
Standard Amount	1000	g				
Dilution Factor	.5	none				
Date Analyzed						15-NOV-05
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L37450-10.rp
Instrument ID						6E90j.i
Prep Date						14-NOV-05

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	52	30-115
d14-Terphenyl	86	18-137

KCSlip4 55499

SEA421827