PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

COMBINED LABS-Liquid

Locator	Sample Depth	Lab ID	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzyl Butyl Phthalate ug/L	Bis(2-Ethylhexyl)Phthalate ug/L	Chrysene ug/L	Di-N-Butyl Phthalate ug/L	Di-N-Octyl Phthalate ug/L	Dibenzo(a,h)anthracene ug/L	Diethyl Phthalate ug/L	Fluoranthene ug/L	Indeno(1,2,3-Cd)Pyrene ug/L	Phenanthrene ug/L	Pyrene ug/L
CER		L39162-3							0.0215	0.116		0.128							
CER		L39422-1							0.11	0.581	0.038	0.043				0.041		0.044	0.042
DZ		L39422-2							0.051	0.75	0.032	0.037	0.306			0.04		0.036	0.042
KCIA		L39422-3		0.261	0.376	0.556	0.411	0.472	0.255	0.479	0.574	0.0914		0.108	0.089	0.819	0.344	0.362	0.768
SPCC		L39422-4	0.033						0.11	0.589		0.034						0.032	
SPCC		L39422-5							0.167	0.748		0.102			0.0938				

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PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

COMBINED LABS-Solid

Locator	Sample Depth	Lab ID	Benzo(a)anthracene ug	Benzo(a)pyrene ug	Benzo(b)fluoranthene ug	Benzo(g,h,i)perylene ug	Benzo(k)fluoranthene ug	Benzyl Butyl Phthalate ug	Bis(2-Ethylhexyl)Phthalate ug	Chrysene ug	Di-N-Butyl Phthalate ug	Di-N-Octyl Phthalate ug	Dibenzo(a,h)anthracene ug	Diethyl Phthalate ug	Fluoranthene ug	Indeno(1,2,3-Cd)Pyrene ug	Phenanthrene ug	Pyrene ug
CER		L39162-6							0.55		0.488						0.016	
CER		L39422-6						0.0623	0.266		0.148			0.0824				
DZ		L39422-7						0.129	0.821		0.239	0.246		0.0997	0.0186			0.0128
KCIA		L39422-8	0.107	0.198	0.26	0.182	0.161	0.142	0.771	0.213	0.787		0.0852	0.0977	0.42	0.175	0.176	0.308
SPCC		L39422-9						0.0602	0.17		0.174			0.0908				
SPCC		L39422-10							0.212		0.157							

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SEA424677

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator:	CER					CER					CER					DZ				
Descrip:	DUWAMISH STATION R					DUWAMISH STATION R					DUWAMISH STATION R					GEORGETOWN, 6431 C				
Client Loc:	CER-BK-052206-052206					CER-BK-052206-052206					CER-01-052306-061406					DZ-01-052306-061406				
Sampled:	May 22, 2006					May 22, 2006					Jun 14, 2006					Jun 14, 2006				
Lab ID:	L39162-3					L39162-6					L39422-1					L39422-2				
Matrix:	BLANK WTR					OTHR SOLID					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 62708																				
2-Methylnaphthalene		<MDL	0.015	0.03	ug/L		<MDL	0.01	0.02	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Acenaphthene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug		<MDL	0.036	0.0714	ug/L		<MDL	0.031	0.0615	ug/L
Acenaphthylene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug		<MDL	0.036	0.0714	ug/L		<MDL	0.031	0.0615	ug/L
Anthracene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug		<MDL	0.036	0.0714	ug/L		<MDL	0.031	0.0615	ug/L
Benzo(a)anthracene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug		<MDL	0.036	0.0714	ug/L		<MDL	0.031	0.0615	ug/L
Benzo(a)pyrene		<MDL	0.015	0.03	ug/L		<MDL	0.02	0.04	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Benzo(b)fluoranthene		<MDL	0.015	0.03	ug/L		<MDL	0.02	0.04	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Benzo(g,h,i)perylene		<MDL	0.015	0.03	ug/L		<MDL	0.02	0.04	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Benzo(k)fluoranthene		<MDL	0.015	0.03	ug/L		<MDL	0.02	0.04	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Benzyl Butyl Phthalate	0.0215	B	0.01	0.02	ug/L		<MDL	0.05	0.1	ug	0.11		0.036	0.0714	ug/L	0.051	<RDL	0.031	0.0615	ug/L
Bis(2-Ethylhexyl)Phthalate	0.116	B	0.01	0.02	ug/L	0.55	B	0.05	0.1	ug	0.581		0.036	0.0714	ug/L	0.75		0.031	0.0615	ug/L
Chrysene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug	0.038	<RDL	0.036	0.0714	ug/L	0.032	<RDL	0.031	0.0615	ug/L
Dibenzo(a,h)anthracene		<MDL	0.015	0.03	ug/L		<MDL	0.02	0.04	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Diethyl Phthalate		<MDL	0.015	0.03	ug/L		<MDL	0.05	0.1	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Dimethyl Phthalate		<MDL	0.01	0.02	ug/L		<MDL	0.05	0.1	ug		<MDL	0.036	0.0714	ug/L		<MDL	0.031	0.0615	ug/L
Di-N-Butyl Phthalate	0.128	B	0.01	0.02	ug/L	0.488	B	0.05	0.1	ug	0.043	<RDL,B	0.036	0.0714	ug/L	0.037	<RDL,B	0.031	0.0615	ug/L
Di-N-Octyl Phthalate		<MDL	0.015	0.03	ug/L		<MDL	0.05	0.1	ug		<MDL	0.054	0.107	ug/L	0.306		0.046	0.0923	ug/L
Fluoranthene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug	0.041	<RDL	0.036	0.0714	ug/L	0.04	<RDL	0.031	0.0615	ug/L
Fluorene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug		<MDL	0.036	0.0714	ug/L		<MDL	0.031	0.0615	ug/L
Indeno(1,2,3-Cd)Pyrene		<MDL	0.015	0.03	ug/L		<MDL	0.02	0.04	ug		<MDL	0.054	0.107	ug/L		<MDL	0.046	0.0923	ug/L
Naphthalene		<MDL	0.02	0.04	ug/L		<MDL	0.02	0.04	ug		<MDL	0.071	0.143	ug/L		<MDL	0.062	0.123	ug/L
Phenanthrene		<MDL	0.01	0.02	ug/L	0.016	<RDL	0.01	0.02	ug	0.044	<RDL	0.036	0.0714	ug/L	0.036	<RDL	0.031	0.0615	ug/L
Pyrene		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug	0.042	<RDL	0.036	0.0714	ug/L	0.042	<RDL	0.031	0.0615	ug/L

KCSlip4 58379

SEA424678

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator:	KCIA	SPCC	SPCC	CER
Descrip:	TERMINAL-KING COUN	SOUTH PARK COMMUNI	SOUTH PARK COMMUNI	DUWAMISH STATION R
Client Loc:	KCIA-01-052306-061406	SPCC-01-052306-061406	SPCC-02-052306-061406	CER-01-052306-061406
Sampled:	Jun 14, 2006	Jun 14, 2006	Jun 14, 2006	Jun 14, 2006
Lab ID:	L39422-3	L39422-4	L39422-5	L39422-6
Matrix:	STORM WTR	STORM WTR	STORM WTR	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		<MDL	0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.005	0.01	ug
Acenaphthene		<MDL	0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Acenaphthylene		<MDL	0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Anthracene		<MDL	0.032	0.0638	ug/L	0.033	<RDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Benzo(a)anthracene	0.261		0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Benzo(a)pyrene	0.376		0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.01	0.02	ug
Benzo(b)fluoranthene	0.556		0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.01	0.02	ug
Benzo(g,h,i)perylene	0.411		0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.01	0.02	ug
Benzo(k)fluoranthene	0.472		0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.01	0.02	ug
Benzyl Butyl Phthalate	0.255		0.032	0.0638	ug/L	0.11		0.03	0.0598	ug/L	0.167		0.031	0.0618	ug/L	0.0623		0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.479		0.032	0.0638	ug/L	0.589		0.03	0.0598	ug/L	0.748		0.031	0.0618	ug/L	0.266	B	0.025	0.05	ug
Chrysene	0.574		0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Dibenzo(a,h)anthracene	0.108		0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.01	0.02	ug
Diethyl Phthalate	0.089	<RDL	0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L	0.0938		0.046	0.0927	ug/L	0.0824	B	0.025	0.05	ug
Dimethyl Phthalate		<MDL	0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.0914		0.032	0.0638	ug/L	0.034	<RDL,B	0.03	0.0598	ug/L	0.102		0.031	0.0618	ug/L	0.148	B	0.025	0.05	ug
Di-N-Octyl Phthalate		<MDL	0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.025	0.05	ug
Fluoranthene	0.819		0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Fluorene		<MDL	0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene	0.344		0.048	0.0957	ug/L		<MDL	0.045	0.0897	ug/L		<MDL	0.046	0.0927	ug/L		<MDL	0.01	0.02	ug
Naphthalene		<MDL	0.064	0.128	ug/L		<MDL	0.06	0.12	ug/L		<MDL	0.062	0.124	ug/L		<MDL	0.01	0.02	ug
Phenanthrene	0.362		0.032	0.0638	ug/L	0.032	<RDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug
Pyrene	0.768		0.032	0.0638	ug/L		<MDL	0.03	0.0598	ug/L		<MDL	0.031	0.0618	ug/L		<MDL	0.005	0.01	ug

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SEA424679

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

	Sample 1	Sample 2	Sample 3	Sample 4
Locator:	DZ	KCIA	SPCC	SPCC
Descrip:	GEORGETOWN, 6431 C	TERMINAL-KING COUN	SOUTH PARK COMMUNI	SOUTH PARK COMMUNI
Client Loc:	DZ-01-052306-061406	KCIA-01-052306-061406	SPCC-01-052306-061406	SPCC-02-052306-061406
Sampled:	Jun 14, 2006	Jun 14, 2006	Jun 14, 2006	Jun 14, 2006
Lab ID:	L39422-7	L39422-8	L39422-9	L39422-10
Matrix:	OTHR SOLID	OTHR SOLID	OTHR SOLID	OTHR SOLID
% Solids:				

COMBINED LABS

M=OR 8270B

Locator: DZ — Lab ID: L39422-7 (-Wet Weight Basis)

Parameters	Value	Qual	MDL	RDL	Units
2-Methylnaphthalene		<MDL	0.005	0.01	ug
Acenaphthene		<MDL	0.005	0.01	ug
Acenaphthylene		<MDL	0.005	0.01	ug
Anthracene		<MDL	0.005	0.01	ug
Benzo(a)anthracene		<MDL	0.005	0.01	ug
Benzo(a)pyrene		<MDL	0.01	0.02	ug
Benzo(b)fluoranthene		<MDL	0.01	0.02	ug
Benzo(g,h,i)perylene		<MDL	0.01	0.02	ug
Benzo(k)fluoranthene		<MDL	0.01	0.02	ug
Benzyl Butyl Phthalate	0.129		0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.821	B	0.025	0.05	ug
Chrysene		<MDL	0.005	0.01	ug
Dibenzo(a,h)anthracene		<MDL	0.01	0.02	ug
Diethyl Phthalate	0.0997	B	0.025	0.05	ug
Dimethyl Phthalate		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.239	B	0.025	0.05	ug
Di-N-Octyl Phthalate	0.246		0.025	0.05	ug
Fluoranthene	0.0186		0.005	0.01	ug
Fluorene		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene		<MDL	0.01	0.02	ug
Naphthalene		<MDL	0.01	0.02	ug
Phenanthrene		<MDL	0.005	0.01	ug
Pyrene	0.0128		0.005	0.01	ug

Locator: KCIA — Lab ID: L39422-8 (-Wet Weight Basis)

Parameters	Value	Qual	MDL	RDL	Units
2-Methylnaphthalene		<MDL	0.005	0.01	ug
Acenaphthene		<MDL	0.005	0.01	ug
Acenaphthylene		<MDL	0.005	0.01	ug
Anthracene		<MDL	0.005	0.01	ug
Benzo(a)anthracene	0.107		0.005	0.01	ug
Benzo(a)pyrene	0.198		0.01	0.02	ug
Benzo(b)fluoranthene	0.26		0.01	0.02	ug
Benzo(g,h,i)perylene	0.182		0.01	0.02	ug
Benzo(k)fluoranthene	0.161		0.01	0.02	ug
Benzyl Butyl Phthalate	0.142		0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.771	B	0.025	0.05	ug
Chrysene	0.213		0.005	0.01	ug
Dibenzo(a,h)anthracene	0.0852		0.01	0.02	ug
Diethyl Phthalate	0.0977	B	0.025	0.05	ug
Dimethyl Phthalate		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.787		0.025	0.05	ug
Di-N-Octyl Phthalate		<MDL	0.025	0.05	ug
Fluoranthene	0.42		0.005	0.01	ug
Fluorene		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene	0.175		0.01	0.02	ug
Naphthalene		<MDL	0.01	0.02	ug
Phenanthrene	0.176		0.005	0.01	ug
Pyrene	0.308		0.005	0.01	ug

Locator: SPCC — Lab ID: L39422-9 (-Wet Weight Basis)

Parameters	Value	Qual	MDL	RDL	Units
2-Methylnaphthalene		<MDL	0.005	0.01	ug
Acenaphthene		<MDL	0.005	0.01	ug
Acenaphthylene		<MDL	0.005	0.01	ug
Anthracene		<MDL	0.005	0.01	ug
Benzo(a)anthracene		<MDL	0.005	0.01	ug
Benzo(a)pyrene		<MDL	0.01	0.02	ug
Benzo(b)fluoranthene		<MDL	0.01	0.02	ug
Benzo(g,h,i)perylene		<MDL	0.01	0.02	ug
Benzo(k)fluoranthene		<MDL	0.01	0.02	ug
Benzyl Butyl Phthalate	0.0602		0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.17	B	0.025	0.05	ug
Chrysene		<MDL	0.005	0.01	ug
Dibenzo(a,h)anthracene		<MDL	0.01	0.02	ug
Diethyl Phthalate	0.0908	B	0.025	0.05	ug
Dimethyl Phthalate		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.174	B	0.025	0.05	ug
Di-N-Octyl Phthalate		<MDL	0.025	0.05	ug
Fluoranthene		<MDL	0.005	0.01	ug
Fluorene		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene		<MDL	0.01	0.02	ug
Naphthalene		<MDL	0.01	0.02	ug
Phenanthrene		<MDL	0.005	0.01	ug
Pyrene		<MDL	0.005	0.01	ug

Locator: SPCC — Lab ID: L39422-10 (-Wet Weight Basis)

Parameters	Value	Qual	MDL	RDL	Units
2-Methylnaphthalene		<MDL	0.005	0.01	ug
Acenaphthene		<MDL	0.005	0.01	ug
Acenaphthylene		<MDL	0.005	0.01	ug
Anthracene		<MDL	0.005	0.01	ug
Benzo(a)anthracene		<MDL	0.005	0.01	ug
Benzo(a)pyrene		<MDL	0.01	0.02	ug
Benzo(b)fluoranthene		<MDL	0.01	0.02	ug
Benzo(g,h,i)perylene		<MDL	0.01	0.02	ug
Benzo(k)fluoranthene		<MDL	0.01	0.02	ug
Benzyl Butyl Phthalate		<MDL	0.025	0.05	ug
Bis(2-Ethylhexyl)Phthalate	0.212	B	0.025	0.05	ug
Chrysene		<MDL	0.005	0.01	ug
Dibenzo(a,h)anthracene		<MDL	0.01	0.02	ug
Diethyl Phthalate		<MDL	0.025	0.05	ug
Dimethyl Phthalate		<MDL	0.025	0.05	ug
Di-N-Butyl Phthalate	0.157	B	0.025	0.05	ug
Di-N-Octyl Phthalate		<MDL	0.025	0.05	ug
Fluoranthene		<MDL	0.005	0.01	ug
Fluorene		<MDL	0.005	0.01	ug
Indeno(1,2,3-Cd)Pyrene		<MDL	0.01	0.02	ug
Naphthalene		<MDL	0.01	0.02	ug
Phenanthrene		<MDL	0.005	0.01	ug
Pyrene		<MDL	0.005	0.01	ug

KCSlip4 58381

SEA424680

Login Number: P39162

IW AIR DEPOSITION STUDY BLANKS - ROUND 10

Project Number: 423589.090.1

Personnel: _____

Sample Number	P39162-3	P39162-6	
Locator	CER	CER	
Short Loc. Desc.	CER	CER	
Locator Desc.	DUWAMISH STATION RELOCATED	DUWAMISH STATION RELOCATED	
Site	METRO	METRO	
Start Date/Time			
End Date/Time			
Sample Depth			
Collect Date	5/22 →	→	
Comments	blank water	wipe blank	
CLIENT LOC	CER-BK-052206-052206	CER-BK-052206-052206	
Dept., Matrix, Prod	7 BLANK WTR PHPAHSOURCE	7 OTHR SOLID PHPAHWIPE	

End of Fieldsheet.

IN-HOUSE SAMPLE

RELINQUISHED BY	Date	Time
RECEIVED BY	Date	Time
Sample Number(s)		(All)

	Initial / Date
S. Plan:	
Login #: L	
WKGP #: WG 85837	5/22/06
Entser #: R113609	5/22/06
Approved by:	5/24/06
Moved by:	

IW AIR DEPOSITION STUDY - ROUND 10 SAMPLES

Project Number: 423589-090-1 Personnel: DCH & TH

Sample Number	P39422-1	P39422-2	P39422-3
Locator	CER	DZ	KCIA
Short Loc. Desc.	CER	WDOE2	KC_AIRPORT
Locator Desc.	DUWAMISH STATION RELOCATED	GEORGETOWN, 6431 CORSON AVE. S.	TERMINAL-KING COUNTY INTERNATIONAL
Site	METRO	METRO	METRO
Start Date/Time	6/14/06 @ 11:05	6/14/06 @ 0900	6/14/06 @ 0940
End Date/Time			
Sample Depth			
Collect Date			
Comments	carboys	carboys	carboys
CLIENT LOC	CER-01-~~061406~~ 052306-061406 ----06	DZ-01-~~061406~~ 052306-061406 ----06	KCIA-01-~~061406~~ 052306-061406 ----06
Dept., Matrix, Prod	7 STORM WTR PHPAHSOURCE	7 STORM WTR PHPAHSOURCE	7 STORM WTR PHPAHSOURCE

continue ...

6-10

WG86303 6/19/06
R114090 6/19/06

CHAIN OF CUSTODY

RELINQUISHED BY	Date	Time
	6/14/06	11:30
RECEIVED BY	Date	Time
	6/14/06	11:30
Sample Number(s)		
(All)		

1-5

	Initial / Date
S. Plan:	
Login #: L	
WKGP #: WG 86302	6/19/06
Entser #: R114089	6/19/06
Approved by:	6/19/06
Moved by:	

IW AIR DEPOSITION STUDY - ROUND 10 SAMPLES

Project Number: 423589-090-1 Personnel: DLH & TH

Sample Number	P39422-4	P39422-5	P39422-6
Locator	SPCC	SPCC	CER
Short Loc. Desc.	SPCC	SPCC	CER
Locator Desc.	SOUTH PARK COMMUNITY CENTER 8319 1	SOUTH PARK COMMUNITY CENTER 8319 1	DUWAMISH STATION RELOCATED
Site	METRO	METRO	METRO
Start Date/Time	6/14/06 @ 10:30	6/14/06 @ 10:30	6/14/06 @ 11:05
End Date/Time			
Sample Depth			
Collect Date			
Comments	carboys	carboys	wipes
CLIENT LOC	ORIGINAL SPCC DLH 052306 - ~~KCIA~~ - 01 - 061406 - ~~06~~	DUPLICATE SPCC DLH 052306 - ~~KCIA~~ - 02 - 061406 - ~~06~~	052306 - CER - 01 - 061406 - ~~06~~
Dept., Matrix, Prod	7 | STORM WTR | PHPAHSOURCE	7 | STORM WTR | PHPAHSOURCE	7 | OTHR SOLID | PHPAHWIPE

continue ...

IW AIR DEPOSITION STUDY - ROUND 10 SAMPLES

Project Number: 423589-090-1 Personnel: DLH & TH

Sample Number	P39422-7	P39422-8	P39422-9
Locator	DZ	KCIA	SPCC
Short Loc. Desc.	WDOE2	KC_AIRPORT	SPCC
Locator Desc.	GEORGETOWN, 6431 CORSON AVE. S.	TERMINAL-KING COUNTY INTERNATIONAL	SOUTH PARK COMMUNITY CENTER 8319 1
Site	METRO	METRO	METRO
Start Date/Time	6/14/06 @ 0900	6/14/06 @ 0940	6/14/06 @ 10:30
End Date/Time			
Sample Depth			
Collect Date			
Comments	wipes	wipes	wipes ORIGINAL
CLIENT LOC	DZ-01-061406-052306-TR ~~06~~	KCIA-01-061406-052306-TR ~~06~~	SPCC-01-061406-052306-TR ~~06~~
Dept., Matrix, Prod	7 |OTHR SOLID|PHPAHWIPE	7 |OTHR SOLID|PHPAHWIPE	7 |OTHR SOLID|PHPAHWIPE

continue ...

IW AIR DEPOSITION STUDY - ROUND 10 SAMPLES

Project Number: 423589-090-1 Personnel: DLH & TH

Sample Number	P39422-10	
Locator	SPCC	
Short Loc. Desc.	SPCC	
Locator Desc.	SOUTH PARK COMMUNITY CENTER 8319 1	
Site	METRO	
Start Date/Time	6/14/06 @ 10:30	
End Date/Time		
Sample Depth		
Collect Date		
Comments	wipes Duplicate 052306- JR	
CLIENT LOC	SPCC-02-061406-~~06~~	
Dept., Matrix, Prod	7 OTHR SOLID PHPAHWIPE	

End of Fieldsheet.

King County Environmental Laboratory

WORK GROUP REPORT (wk02)

Jul 08 2006, 02:51 pm

Work Group: WG86410 (BL#652 PHPAHSOURCE) for Department: 7 - Organics, Trace

Created: 23-JUN-06 PrepDate: 16-JUN-06 Due: Operator: JG

Sample	Project Number	Project Description	PRev	Q	Product	Matrix	Stat	UA	Workdate	Duedate
L39422-1	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHSOURCE	STORM WTR	PREP	U	28-JUN-06	14-JUL-06
L39422-2	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHSOURCE	STORM WTR	PREP	U	28-JUN-06	14-JUL-06
L39422-3	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHSOURCE	STORM WTR	PREP	U	28-JUN-06	14-JUL-06
L39422-4	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHSOURCE	STORM WTR	PREP	U	28-JUN-06	14-JUL-06
L39422-5	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHSOURCE	STORM WTR	PREP	U	28-JUN-06	14-JUL-06
L39423-1	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHSOURCE	BLANK WTR	PREP	U	27-JUN-06	13-JUL-06
WG86410-1	SB		S		PHPAHSOURCE	BLANK WTR	PREP	U	23-JUN-06	
WG86410-2	MB		S		PHPAHSOURCE	BLANK WTR	PREP	U	23-JUN-06	
WG86410-3	MB		S		PHPAHSOURCE	BLANK WTR	PREP	U	23-JUN-06	
WG86410-4	SBD		S		PHPAHSOURCE	BLANK WTR	PREP	U	23-JUN-06	
WG86410-5	MB		S		PHPAHSOURCE	BLANK WTR	PREP	U	23-JUN-06	

Comments:

L39422-1	carboys
L39422-2	carboys
L39422-3	carboys
L39422-4	carboys
L39422-5	carboys
L39423-1	blank water
WG86410-1	WG86410-2
WG86410-2	MB060615 A
WG86410-3	MB060615 B
WG86410-4	WG86410-1 WG86410-2
WG86410-5	MB060616

KCSlip4 58387

SEA424686

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 07/12/06 01:19
Run ID: R114496 Workgroup: WG86410 (BL#652 PHPAHSOURCE)

SBD:WG86410-4 SB:WG86410-1 MB:WG86410-2 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	LabLim.
Acenaphthylene	.0033	.00667	ug/L	<MDL	0.0833	.0316	38		10-150	0.0833	.0419	50		10-150	27		10
Dimethyl Phthalate	.0033	.00667	ug/L	<MDL	0.0833	.0242	29		10-150	0.0833	.0309	37		10-150	24		10
Fluorene	.0033	.00667	ug/L	<MDL	0.0833	.0535	64		10-150	0.0833	.0632	76		10-150	17		10
Diethyl Phthalate	.005	.01	ug/L	<MDL	0.0833	.0573	69		10-150	0.0833	.0677	81		10-150	16		10
Phenanthrene	.0033	.00667	ug/L	<MDL	0.0833	.0563	68		10-150	0.0833	.0647	78		10-150	14		10
Anthracene	.0033	.00667	ug/L	<MDL	0.0833	.0478	57		10-150	0.0833	.0569	68		10-150	18		10
Di-N-Butyl Phthalate	.0033	.00667	ug/L	.0151	0.0833	.0947	95		10-150	0.0833	.0994	101		10-150	6		10
Pyrene	.0033	.00667	ug/L	<MDL	0.0833	.0816	98		10-150	0.0833	.0793	95		10-150	3		10
Benzyl Butyl Phthalate	.0033	.00667	ug/L	.0067	0.0833	.103	115		10-150	0.0833	.0981	110		10-150	4		10
Benzo(a)anthracene	.0033	.00667	ug/L	<MDL	0.0833	.0802	96		10-150	0.0833	.0807	97		10-150	1		10
Chrysene	.0033	.00667	ug/L	<MDL	0.0833	.0797	96		10-150	0.0833	.078	94		10-150	2		10
Bis(2-Ethylhexyl)Phthalate	.0033	.00667	ug/L	.0308	0.0833	.113	98		10-150	0.0833	.113	98		10-150	0		10
Benzo(b)fluoranthene	.005	.01	ug/L	<MDL	0.0833	.081	97		10-150	0.0833	.0814	98		10-150	1		10
Benzo(k)fluoranthene	.005	.01	ug/L	<MDL	0.0833	.0844	101		10-150	0.0833	.0811	97		10-150	4		10
Benzo(a)pyrene	.005	.01	ug/L	<MDL	0.0833	.0689	83		10-150	0.0833	.0774	93		10-150	11		10
Indeno(1,2,3-Cd)Pyrene	.005	.01	ug/L	<MDL	0.0833	.0829	99		10-150	0.0833	.0822	99		10-150	0		10
Dibenzo(a,h)anthracene	.005	.01	ug/L	<MDL	0.0833	.0836	100		10-150	0.0833	.0819	98		10-150	2		10
Benzo(g,h,i)perylene	.005	.01	ug/L	<MDL	0.0833	.0809	97		10-150	0.0833	.0801	96		10-150	1		10

MB:WG86410-2 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.0067	.0133	ug/L	<MDL	
Acenaphthylene	.0033	.00667	ug/L	<MDL	
Dimethyl Phthalate	.0033	.00667	ug/L	<MDL	
Acenaphthene	.0033	.00667	ug/L	<MDL	
Fluorene	.0033	.00667	ug/L	<MDL	
Diethyl Phthalate	.005	.01	ug/L	<MDL	
Phenanthrene	.0033	.00667	ug/L	<MDL	
Anthracene	.0033	.00667	ug/L	<MDL	
Di-N-Butyl Phthalate	.0033	.00667	ug/L	.0151	B
Fluoranthene	.0033	.00667	ug/L	<MDL	
Pyrene	.0033	.00667	ug/L	<MDL	
Benzyl Butyl Phthalate	.0033	.00667	ug/L	.0067	B
Benzo(a)anthracene	.0033	.00667	ug/L	<MDL	
Chrysene	.0033	.00667	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.0033	.00667	ug/L	.0308	B
Di-N-Octyl Phthalate	.005	.01	ug/L	<MDL	
Benzo(b)fluoranthene	.005	.01	ug/L	<MDL	
Benzo(k)fluoranthene	.005	.01	ug/L	<MDL	
Benzo(a)pyrene	.005	.01	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.005	.01	ug/L	<MDL	
Dibenzo(a,h)anthracene	.005	.01	ug/L	<MDL	
Benzo(g,h,i)perylene	.005	.01	ug/L	<MDL	
2-Methylnaphthalene	.005	.01	ug/L	<MDL	

KCSlip4 58388
SEA424687

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 07/12/06 01:19
Run ID: R114496 Workgroup: WG86410 (BL#652 PHPAHSOURCE)

MB:WG86410-3 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.02	.04	ug/L	<MDL	
Acenaphthylene	.01	.02	ug/L	<MDL	
Dimethyl Phthalate	.01	.02	ug/L	<MDL	
Acenaphthene	.01	.02	ug/L	<MDL	
Fluorene	.01	.02	ug/L	<MDL	
Diethyl Phthalate	.015	.03	ug/L	<MDL	
Phenanthrene	.01	.02	ug/L	<MDL	
Anthracene	.01	.02	ug/L	<MDL	
Di-N-Butyl Phthalate	.01	.02	ug/L	.0414	B
Fluoranthene	.01	.02	ug/L	<MDL	
Pyrene	.01	.02	ug/L	<MDL	
Benzyl Butyl Phthalate	.01	.02	ug/L	<MDL	
Benzo(a)anthracene	.01	.02	ug/L	<MDL	
Chrysene	.01	.02	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.01	.02	ug/L	.0399	B
Di-N-Octyl Phthalate	.015	.03	ug/L	<MDL	
Benzo(b)fluoranthene	.015	.03	ug/L	<MDL	
Benzo(k)fluoranthene	.015	.03	ug/L	<MDL	
Benzo(a)pyrene	.015	.03	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.015	.03	ug/L	<MDL	
Dibenzo(a,h)anthracene	.015	.03	ug/L	<MDL	
Benzo(g,h,i)perylene	.015	.03	ug/L	<MDL	
2-Methylnaphthalene	.015	.03	ug/L	<MDL	

MB:WG86410-5 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.0067	.0133	ug/L	<MDL	
Acenaphthylene	.0033	.00667	ug/L	<MDL	
Dimethyl Phthalate	.0033	.00667	ug/L	<MDL	
Acenaphthene	.0033	.00667	ug/L	<MDL	
Fluorene	.0033	.00667	ug/L	<MDL	
Diethyl Phthalate	.005	.01	ug/L	<MDL	
Phenanthrene	.0033	.00667	ug/L	<MDL	
Anthracene	.0033	.00667	ug/L	<MDL	
Di-N-Butyl Phthalate	.0033	.00667	ug/L	.021	B
Fluoranthene	.0033	.00667	ug/L	<MDL	
Pyrene	.0033	.00667	ug/L	<MDL	
Benzyl Butyl Phthalate	.0033	.00667	ug/L	.00816	B
Benzo(a)anthracene	.0033	.00667	ug/L	<MDL	
Chrysene	.0033	.00667	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.0033	.00667	ug/L	.0264	B
Di-N-Octyl Phthalate	.005	.01	ug/L	<MDL	
Benzo(b)fluoranthene	.005	.01	ug/L	<MDL	
Benzo(k)fluoranthene	.005	.01	ug/L	<MDL	
Benzo(a)pyrene	.005	.01	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.005	.01	ug/L	<MDL	
Dibenzo(a,h)anthracene	.005	.01	ug/L	<MDL	
Benzo(g,h,i)perylene	.005	.01	ug/L	<MDL	

KCSlip4 58389
SEA424688

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 07/12/06 01:19
Run ID: R114496 Workgroup: WG86410 (BL#652 PHPAHSOURCE)

MB:WG86410-5 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

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

KCSlip4 58390
SEA424689

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 07/12/06 01:19
Run ID: R114496 Workgroup: WG86410 (BL#652 PHPAHSOURCE)

Sample #	d14-Terphenyl	D6-Dimethyl Phthalate	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
L39422-1	119	36	3 *	7 *	10	48	47
L39422-2	122	10	1 *	4 *	5 *	9 *	4 *
L39422-3	118	21	1 *	18	3 *	12	21
L39422-4	119	35	2 *	6 *	4 *	20	30
L39422-5	116	44	9 *	21	6 *	38	41
L39423-1	118	72	61	85	78	89	102
WG86410-1	117	30	44	69	64	84	103
WG86410-2	122	41	57	83	77	89	108
WG86410-3	116	77	53	82	74	87	106
WG86410-4	114	39	65	86	79	89	111
WG86410-5	120	44	73	92	85	88	122

KCSlip4 58391
SEA424690

Round 10 - Samples
Round 11 - Rinse Blank

LIQUID SAMPLE EXTRACTION RECORD FOR BNA ANALYSIS
TRACE ORGANICS LABORATORY

Acetone Lot # 060466
MeCL2 Lot # CQ531
QC BATCH NO.: BL #652
EPA SW-846 EXTRACTION METHOD: PHPAHSOURCE via SPE
CONT. L-L EPA 3520 SEP. FUNNEL EPA 3510

WORKGROUP NO.: WG86410
BNA SURROGATE SPIKE: 1273 + 1205 (DMCs)
BNA MATRIX SPIKE: 1246

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 06/15/06	WS86410-1	QC	SB		6	6000	(1205-25µl 1273-100µl 1246-50µl)	1.0	JG	07/08/06	30ml MeOH SPE Lot B40417	20.
	WS86410-2	QC	MB (A)		6	6000	(1205-25µl 1273-100µl)	1.0	JG	07/08/06	30ml MeOH SPE Lot B40417	22
	WS86410-3	QC	MB (B)		6	2000					10ml MeOH SPE Lot B40417	7.
6/16/06	L39423-1	423589-090-001	CER-BK-061306-061306		6	2000	*				10 ml MeOH SPE Lot B40417	6.
	L39422-4		SPCC-01-052306-061406		5	6690	*				32ml MeOH SPE Lot B40417 Vol checked [illegible]	29.
	L39422-2		DZ-01-052306-061406		5	6500	*				31 ml MeOH SPE Lot B40417	32
JG 06/16/06	WS86410-4	QC	SBD		6	6000	(1205-25µl 1273-100µl 1246-50µl)	1.0	JG	07/08/06	30ml MeOH SPE Lot B40417	19.
	WS86410-5	QC	MB		6	6000	(1205-25µl 1273-100µl)	1.0	JG	07/08/06	30 ml MeOH SPE Lot B40417	19.
	L39422-5	423589-090-001	SPCC-02-052306-061406		5	6470	*				31 ml MeOH SPE Lot B40417 Vol checked [illegible]	32
	L39422-3		KCIA-01-052306-061406		5	6230	*				31ml MeOH SPE Lot B40417 JG 06/29/06	33.
	L39422-1		CER-01-052306-061406		6	5600	*				29 ml MeOH SPE Lot B40417	26
											* For samples L39422-(1-5) ~~and L39423~~, Std 1205 spiked pre-deployment.	JG 06/1

KCSlip4 58392
SEA424691

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)
6-22-06 DZ	L39161-1	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
6-22-06 DZ	L39161-2	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
6-22-06 DZ	L39161-3	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
6-22-06 DZ	L39161-4	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
6-22-06 DZ	L39161-5	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
7-10-06 DZ	L39422-1	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
7-10-06 DZ	L39422-2	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
7-10-06 DZ	L39422-3	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
7-10-06 DZ	L39422-4	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul
7-10-06 DZ	L39422-5	0.1ml	1.0ml	10x	SS#969x200	20ul	20ul

6890n MAINTENANCE LOG

King County Environmental Laboratory

Date & Initials	Maintenance Description

KCSlip4 58393

SEA424692

Batch: \\Orgizmo\EE\chem\6890n.i\060710.b

#	Smp. #	Injection Time	Wkgp. #	QC #	Project #	Sample Description	Matrix	Amount	DilFac	IS#2-RT	IS#2-Area	Method	Init Cali	Analyst
1	BLANK-1	10-JUL-2006 06:26	SDGa1658	SDGa16	421152	Solvent Blank + ISTD's	WATER	1000.000	1.0	6.796	509937	PHPAH.m	01-JUN-2006	Dave Fada
2	DFTPP-1	10-JUL-2006 07:07	SDGa2816	SDGa28	421152	SS#1254A DFTPP	NONE	0.000	1.0	12.853	50824	LVI_DFTP.m		Dave Fada
3	CCALI-1	10-JUL-2006 07:48	SDGa1658	SDGa16	421152	SS#1120E 250 ppb	WATER	1.000	1.0	6.796	519380	PHPAH.m	01-JUN-2006	Dave Fada
4	WG86410-2	10-JUL-2006 08:54	WG86410	BL#652	423589	Method Blank A (06-15-2006)	WATER	6000.000	1.0	6.796	408915	PHPAH.m	01-JUN-2006	Dave Fada
5	WG86410-3	10-JUL-2006 09:35	WG86410	BL#652	423589	Method Blank B (06-15-2006)	WATER	2000.000	1.0	6.796	449002	PHPAH.m	01-JUN-2006	Dave Fada
6	WG86410-5	10-JUL-2006 10:17	WG86410	BL#652	423589	Method Blank (06-16-2006)	WATER	6000.000	1.0	6.796	455578	PHPAH.m	01-JUN-2006	Dave Fada
7	WG86410-1	10-JUL-2006 10:58	WG86410	BL#652	423589	Spike Blank (06-15-2006)	WATER	6000.000	1.0	6.796	453425	PHPAH.m	01-JUN-2006	Dave Fada
8	WG86410-4	10-JUL-2006 11:39	WG86410	BL#652	423589	Spike Blank Dup (06-16-2006)	WATER	6000.000	1.0	6.796	432090	PHPAH.m	01-JUN-2006	Dave Fada
9	L39423-1	10-JUL-2006 12:21	WG86410	BL#652	423589	Lower Duwamish Phthalate Stu	WATER	2000.000	1.0	6.796	463784	PHPAH.m	01-JUN-2006	Dave Fada
10	L39422-1	10-JUL-2006 13:03	WG86410	BL#652	423589	Lower Duwamish Phthalate Stu	WATER	5600.000	10.0	6.796	563091	PHPAH.m	01-JUN-2006	Dave Fada
11	L39422-2	10-JUL-2006 13:45	WG86410	BL#652	423589	Lower Duwamish Phthalate Stu	WATER	6500.000	10.0	6.796	578109	PHPAH.m	01-JUN-2006	Dave Fada
12	L39422-3	10-JUL-2006 14:27	WG86410	BL#652	423589	Lower Duwamish Phthalate Stu	WATER	6270.000	10.0	6.796	589225	PHPAH.m	01-JUN-2006	Dave Fada
13	L39422-4	10-JUL-2006 15:09	WG86410	BL#652	423589	Lower Duwamish Phthalate Stu	WATER	6690.000	10.0	6.796	564824	PHPAH.m	01-JUN-2006	Dave Fada
14	L39422-5	10-JUL-2006 15:51	WG86410	BL#652	423589	Lower Duwamish Phthalate Stu	WATER	6470.000	10.0	6.796	573510	PHPAH.m	01-JUN-2006	Dave Fada

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

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: WG86410-1	Matrix: BLANK WTR	List Type: ORPHPAHSOURCE			
	Project:	Run ID: R114496	Col. Date:		
	Locator: SB	Work Group: WG86410	Rec. Date:	23-JUN-06	
	Site: NONE	QC Type: SB	Due Date:		
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0067	.0133	
Acenaphthylene	.0316	ug/L		.0033	.00667	
Dimethyl Phthalate	.0242	ug/L		.0033	.00667	
Acenaphthene		ug/L	<MDL	.0033	.00667	
Fluorene	.0535	ug/L		.0033	.00667	
Diethyl Phthalate	.0573	ug/L		.005	.01	
Phenanthrene	.0563	ug/L		.0033	.00667	
Anthracene	.0478	ug/L		.0033	.00667	
Di-N-Butyl Phthalate	.0947	ug/L		.0033	.00667	
Fluoranthene		ug/L	<MDL	.0033	.00667	
Pyrene	.0816	ug/L		.0033	.00667	
Benzyl Butyl Phthalate	.103	ug/L		.0033	.00667	
Benzo(a)anthracene	.0802	ug/L		.0033	.00667	
Chrysene	.0797	ug/L		.0033	.00667	
Bis(2-Ethylhexyl)Phthalate	.113	ug/L		.0033	.00667	
Di-N-Octyl Phthalate		ug/L	<MDL	.005	.01	
Benzo(b)fluoranthene	.081	ug/L		.005	.01	
Benzo(k)fluoranthene	.0844	ug/L		.005	.01	
Benzo(a)pyrene	.0689	ug/L		.005	.01	
Indeno(1,2,3-Cd)Pyrene	.0829	ug/L		.005	.01	
Dibenzo(a,h)anthracene	.0836	ug/L		.005	.01	
Benzo(g,h,i)perylene	.0809	ug/L		.005	.01	
2-Methylnaphthalene		ug/L	<MDL	.005	.01	
d14-Terphenyl	.243	ug/L		.0033	.00667	
D6-Dimethyl Phthalate	.0254	ug/L		.0033	.00667	
D8-Acenaphthylene	.0371	ug/L		.0033	.00667	
D10-Fluorene	.0574	ug/L		.0033	.00667	
D10-Anthracene	.0531	ug/L		.0033	.00667	
D10-Pyrene	.0702	ug/L		.0033	.00667	
D12-Benzo(a)pyrene	.0857	ug/L		.0033	.00667	
Amount Analyzed	6000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Forthandler File						/usr/users/seed2/METROS3/files/gcms/WG86410-1.rp
Instrument ID						6890m.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	117	33-141
D6-Dimethyl Phthalate	30	0-150
D8-Acenaphthylene	44	0-150
D10-Fluorene	69	0-150
D10-Anthracene	64	0-150
D10-Pyrene	84	0-150
D12-Benzo(a)pyrene	103	0-150

KCSlip4 58395

SEA424694

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: WG86410-2	Matrix: BLANK WTR	List Type:	ORPHPAHSOURCE		
	Project:	Run ID:	R114496	Col. Date:	
	Locator: MB	Work Group:	WG86410	Rec. Date:	23-JUN-06
	Site: NONE	QC Type:	MB	Due Date:	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0067	.0133	
Acenaphthylene		ug/L	<MDL	.0033	.00667	
Dimethyl Phthalate		ug/L	<MDL	.0033	.00667	
Acenaphthene		ug/L	<MDL	.0033	.00667	
Fluorene		ug/L	<MDL	.0033	.00667	
Diethyl Phthalate		ug/L	<MDL	.005	.01	
Phenanthrene		ug/L	<MDL	.0033	.00667	
Anthracene		ug/L	<MDL	.0033	.00667	
Di-N-Butyl Phthalate	.0151	ug/L	B	.0033	.00667	
Fluoranthene		ug/L	<MDL	.0033	.00667	
Pyrene		ug/L	<MDL	.0033	.00667	
Benzyl Butyl Phthalate	.0067	ug/L	B	.0033	.00667	
Benzo(a)anthracene		ug/L	<MDL	.0033	.00667	
Chrysene		ug/L	<MDL	.0033	.00667	
Bis(2-Ethylhexyl)Phthalate	.0308	ug/L	B	.0033	.00667	
Di-N-Octyl Phthalate		ug/L	<MDL	.005	.01	
Benzo(b)fluoranthene		ug/L	<MDL	.005	.01	
Benzo(k)fluoranthene		ug/L	<MDL	.005	.01	
Benzo(a)pyrene		ug/L	<MDL	.005	.01	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.005	.01	
Dibenzo(a,h)anthracene		ug/L	<MDL	.005	.01	
Benzo(g,h,i)perylene		ug/L	<MDL	.005	.01	
2-Methylnaphthalene		ug/L	<MDL	.005	.01	
d14-Terphenyl	.253	ug/L		.0033	.00667	
D6-Dimethyl Phthalate	.0342	ug/L		.0033	.00667	
D8-Acenaphthylene	.0471	ug/L		.0033	.00667	
D10-Fluorene	.0689	ug/L		.0033	.00667	
D10-Anthracene	.0642	ug/L		.0033	.00667	
D10-Pyrene	.0743	ug/L		.0033	.00667	
D12-Benzo(a)pyrene	.09	ug/L		.0033	.00667	
Amount Analyzed	6000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Pada
Porthandler File						/usr/users/seed2/METRO03/file s/gcms/WG86410-2.rp
Instrument ID						6890n.1
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	122	33-141
D6-Dimethyl Phthalate	41	0-150
D8-Acenaphthylene	57	0-150
D10-Fluorene	83	0-150
D10-Anthracene	77	0-150
D10-Pyrene	89	0-150
D12-Benzo(a)pyrene	108	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: WG86410-3	Matrix:	BLANK WTR	List Type:	ORPHPAHSOURCE	
	Project:		Run ID:	R114496	Col. Date:
	Locator:	MB	Work Group:	WG86410	Rec. Date: 23-JUN-06
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.02	.04	
Acenaphthylene		ug/L	<MDL	.01	.02	
Dimethyl Phthalate		ug/L	<MDL	.01	.02	
Acenaphthene		ug/L	<MDL	.01	.02	
Fluorene		ug/L	<MDL	.01	.02	
Diethyl Phthalate		ug/L	<MDL	.015	.03	
Phenanthrene		ug/L	<MDL	.01	.02	
Anthracene		ug/L	<MDL	.01	.02	
Di-N-Butyl Phthalate	.0414	ug/L	B	.01	.02	
Fluoranthene		ug/L	<MDL	.01	.02	
Pyrene		ug/L	<MDL	.01	.02	
Benzyl Butyl Phthalate		ug/L	<MDL	.01	.02	
Benzo(a)anthracene		ug/L	<MDL	.01	.02	
Chrysene		ug/L	<MDL	.01	.02	
Bis(2-Ethylhexyl)Phthalate	.0399	ug/L	B	.01	.02	
Di-N-Octyl Phthalate		ug/L	<MDL	.015	.03	
Benzo(b)fluoranthene		ug/L	<MDL	.015	.03	
Benzo(k)fluoranthene		ug/L	<MDL	.015	.03	
Benzo(a)pyrene		ug/L	<MDL	.015	.03	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.015	.03	
Dibenzo(a,h)anthracene		ug/L	<MDL	.015	.03	
Benzo(g,h,i)perylene		ug/L	<MDL	.015	.03	
2-Methylnaphthalene		ug/L	<MDL	.015	.03	
d14-Terphenyl	.727	ug/L		.01	.02	
D6-Dimethyl Phthalate	.192	ug/L		.01	.02	
D8-Acenaphthylene	.134	ug/L		.01	.02	
D10-Fluorene	.205	ug/L		.01	.02	
D10-Anthracene	.184	ug/L		.01	.02	
D10-Pyrene	.218	ug/L		.01	.02	
D12-Benzo(a)pyrene	.264	ug/L		.01	.02	
Amount Analyzed	2000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG86410-3.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	116	33-141
D6-Dimethyl Phthalate	77	0-150
D8-Acenaphthylene	53	0-150
D10-Fluorene	82	0-150
D10-Anthracene	74	0-150
D10-Pyrene	87	0-150
D12-Benzo(a)pyrene	106	0-150

KCSlip4 58397

SEA424696

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: WG86410-4	Matrix:	BLANK WTR	List Type:	ORPHPAHSOURCE	
	Project:		Run ID:	R114496	Col. Date:
	Locator:	SBD	Work Group:	WG86410	Rec. Date: 23-JUN-06
	Site:	NONE	QC Type:	SBD	Due Date:
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0067	.0133	
Acenaphthylene	.0419	ug/L		.0033	.00667	
Dimethyl Phthalate	.0309	ug/L		.0033	.00667	
Acenaphthene		ug/L	<MDL	.0033	.00667	
Fluorene	.0632	ug/L		.0033	.00667	
Diethyl Phthalate	.0677	ug/L		.005	.01	
Phenanthrene	.0647	ug/L		.0033	.00667	
Anthracene	.0569	ug/L		.0033	.00667	
Di-N-Butyl Phthalate	.0994	ug/L		.0033	.00667	
Fluoranthene		ug/L	<MDL	.0033	.00667	
Pyrene	.0793	ug/L		.0033	.00667	
Benzyl Butyl Phthalate	.0981	ug/L		.0033	.00667	
Benzo(a)anthracene	.0807	ug/L		.0033	.00667	
Chrysene	.078	ug/L		.0033	.00667	
Bis(2-Ethylhexyl)Phthalate	.113	ug/L		.0033	.00667	
Di-N-Octyl Phthalate		ug/L	<MDL	.005	.01	
Benzo(b)fluoranthene	.0814	ug/L		.005	.01	
Benzo(k)fluoranthene	.0811	ug/L		.005	.01	
Benzo(a)pyrene	.0774	ug/L		.005	.01	
Indeno(1,2,3-Cd)Pyrene	.0822	ug/L		.005	.01	
Dibenzo(a,h)anthracene	.0819	ug/L		.005	.01	
Benzo(g,h,i)perylene	.0801	ug/L		.005	.01	
2-Methylnaphthalene		ug/L	<MDL	.005	.01	
d14-Terphenyl	.238	ug/L		.0033	.00667	
D6-Dimethyl Phthalate	.0322	ug/L		.0033	.00667	
D8-Acenaphthylene	.0542	ug/L		.0033	.00667	
D10-Fluorene	.0737	ug/L		.0033	.00667	
D10-Anthracene	.0659	ug/L		.0033	.00667	
D10-Pyrene	.0738	ug/L		.0033	.00667	
D12-Benzo(a)pyrene	.0924	ug/L		.0033	.00667	
Amount Analyzed	6000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/sccd2/METROS3/files/gcms/WG86410-4.rp
Instrument ID						6890n 1
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	114	33-141
D6-Dimethyl Phthalate	39	0-150
D8-Acenaphthylene	65	0-150
D10-Fluorene	88	0-150
D10-Anthracene	79	0-150
D10-Pyrene	89	0-150
D12-Benzo(a)pyrene	111	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: WG86410-5	Matrix:	BLANK WTR	List Type:	ORPHPAHSOURCE	
	Project:		Run ID:	R114496	Col. Date:
	Locator:	MB	Work Group:	WG86410	Rec. Date: 23-JUN-06
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.0067	.0133	
Acenaphthylene		ug/L	<MDL	.0033	.00667	
Dimethyl Phthalate		ug/L	<MDL	.0033	.00667	
Acenaphthene		ug/L	<MDL	.0033	.00667	
Fluorene		ug/L	<MDL	.0033	.00667	
Diethyl Phthalate		ug/L	<MDL	.005	.01	
Phenanthrene		ug/L	<MDL	.0033	.00667	
Anthracene		ug/L	<MDL	.0033	.00667	
Di-N-Butyl Phthalate	.021	ug/L	B	.0033	.00667	
Fluoranthene		ug/L	<MDL	.0033	.00667	
Pyrene		ug/L	<MDL	.0033	.00667	
Benzyl Butyl Phthalate	.00816	ug/L	B	.0033	.00667	
Benzo(a)anthracene		ug/L	<MDL	.0033	.00667	
Chrysene		ug/L	<MDL	.0033	.00667	
Bis(2-Ethylhexyl)Phthalate	.0264	ug/L	B	.0033	.00667	
Di-N-Octyl Phthalate		ug/L	<MDL	.005	.01	
Benzo(b)fluoranthene		ug/L	<MDL	.005	.01	
Benzo(k)fluoranthene		ug/L	<MDL	.005	.01	
Benzo(a)pyrene		ug/L	<MDL	.005	.01	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.005	.01	
Dibenzo(a,h)anthracene		ug/L	<MDL	.005	.01	
Benzo(g,h,i)perylene		ug/L	<MDL	.005	.01	
2-Methylnaphthalene		ug/L	<MDL	.005	.01	
d14-Terphenyl	.251	ug/L		.0033	.00667	
D6-Dimethyl Phthalate	.0366	ug/L		.0033	.00667	
D8-Acenaphthylene	.0609	ug/L		.0033	.00667	
D10-Fluorene	.0765	ug/L		.0033	.00667	
D10-Anthracene	.0707	ug/L		.0033	.00667	
D10-Pyrene	.0735	ug/L		.0033	.00667	
D12-Benzo(a)pyrene	.101	ug/L		.0033	.00667	
Amount Analyzed	6000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG86410-5.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	120	33-141
D6-Dimethyl Phthalate	44	0-150
D8-Acenaphthylene	73	0-150
D10-Fluorene	92	0-150
D10-Anthracene	85	0-150
D10-Pyrene	88	0-150
D12-Benzo(a)pyrene	122	0-150

KCSlip4 58399

SEA424698

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:45 - Data Source: ELD

Sample#: L39422-1	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R114496		Col. Date:	14-JUN-06
	Locator: CER	Work Group: WG86410		Rec. Date:	14-JUN-06
	Site: METRO	QC Type:		Due Date:	14-JUL-06
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.071	.143	
Acenaphthylene		ug/L	<MDL	.036	.0714	
Dimethyl Phthalate		ug/L	<MDL	.036	.0714	
Acenaphthene		ug/L	<MDL	.036	.0714	
Fluorene		ug/L	<MDL	.036	.0714	
Diethyl Phthalate		ug/L	<MDL	.054	.107	
Phenanthrene	.044	ug/L	<RDL	.036	.0714	
Anthracene		ug/L	<MDL	.036	.0714	
Di-N-Butyl Phthalate	.043	ug/L	<RDL,B	.036	.0714	
Fluoranthene	.041	ug/L	<RDL	.036	.0714	
Pyrene	.042	ug/L	<RDL	.036	.0714	
Benzyl Butyl Phthalate	.11	ug/L		.036	.0714	
Benzo(a)anthracene		ug/L	<MDL	.036	.0714	
Chrysene	.038	ug/L	<RDL	.036	.0714	
Bis(2-Ethylhexyl)Phthalate	.581	ug/L		.036	.0714	
Di-N-Octyl Phthalate		ug/L	<MDL	.054	.107	
Benzo(b)fluoranthene		ug/L	<MDL	.054	.107	
Benzo(k)fluoranthene		ug/L	<MDL	.054	.107	
Benzo(a)pyrene		ug/L	<MDL	.054	.107	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.054	.107	
Dibenzo(a,h)anthracene		ug/L	<MDL	.054	.107	
Benzo(g,h,i)perylene		ug/L	<MDL	.054	.107	
2-Methylnaphthalene		ug/L	<MDL	.054	.107	
d14-Terphenyl	.266	ug/L		.036	.0714	
D6-Dimethyl Phthalate	.032	ug/L	<RDL	.00036	.0714	
D8-Acenaphthylene	.0029	ug/L	<RDL	.00036	.0714	
D10-Fluorene	.0059	ug/L	<RDL	.00036	.0714	
D10-Anthracene	.0092	ug/L	<RDL	.00036	.0714	
D10-Pyrene	.043	ug/L	<RDL	.036	.0714	
D12-Benzo(a)pyrene	.042	ug/L	<RDL	.036	.0714	
Amount Analyzed	5600	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422-1.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	119		33-141
D6-Dimethyl Phthalate	36		0-150
D8-Acenaphthylene	3	*	0-150
D10-Fluorene	7	*	0-150
D10-Anthracene	10		0-150
D10-Pyrene	48		0-150
D12-Benzo(a)pyrene	47		0-150

KCSlip4 58400

SEA424699

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:45 - Data Source: ELD

Sample#: L39422 2	Matrix:	STORM WTR	List Type:	ORPHPAHSOURCE	
	Project:	423589-090-1	Run ID:	R114496	Col. Date: 14-JUN-06
	Locator:	DZ	Work Group:	WG86410	Rec. Date: 14-JUN-06
	Site:	METRO	QC Type:		Due Date: 14-JUL-06
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.062	.123	
Acenaphthylene		ug/L	<MDL	.031	.0615	
Dimethyl Phthalate		ug/L	<MDL	.031	.0615	
Acenaphthene		ug/L	<MDL	.031	.0615	
Fluorene		ug/L	<MDL	.031	.0615	
Diethyl Phthalate		ug/L	<MDL	.046	.0923	
Phenanthrene	.036	ug/L	<RDL	.031	.0615	
Anthracene		ug/L	<MDL	.031	.0615	
Di-N-Butyl Phthalate	.037	ug/L	<RDL,B	.031	.0615	
Fluoranthene	.04	ug/L	<RDL	.031	.0615	
Pyrene	.042	ug/L	<RDL	.031	.0615	
Benzyl Butyl Phthalate	.051	ug/L	<RDL	.031	.0615	
Benzo(a)anthracene		ug/L	<MDL	.031	.0615	
Chrysene	.032	ug/L	<RDL	.031	.0615	
Bis(2-Ethylhexyl)Phthalate	.75	ug/L		.031	.0615	
Di-N-Octyl Phthalate	.306	ug/L		.046	.0923	
Benzo(b)fluoranthene		ug/L	<MDL	.046	.0923	
Benzo(k)fluoranthene		ug/L	<MDL	.046	.0923	
Benzo(a)pyrene		ug/L	<MDL	.046	.0923	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.046	.0923	
Dibenzo(a,h)anthracene		ug/L	<MDL	.046	.0923	
Benzo(g,h,i)perylene		ug/L	<MDL	.046	.0923	
2-Methylnaphthalene		ug/L	<MDL	.046	.0923	
d14-Terphenyl	.234	ug/L		.031	.0615	
D6-Dimethyl Phthalate	.0077	ug/L	<RDL	.00031	.0615	
D8-Acenaphthylene	.00066	ug/L	<RDL	.00031	.0615	
D10-Fluorene	.0034	ug/L	<RDL	.00031	.0615	
D10-Anthracene	.004	ug/L	<RDL	.00031	.0615	
D10-Pyrene	.007	ug/L	<RDL	.00031	.0615	
D12-Benzo(a)pyrene	.003	ug/L	<RDL	.00031	.0615	
Amount Analyzed	6500	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422 2.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	122		33-141
D6-Dimethyl Phthalate	10		0-150
D8-Acenaphthylene	1	*	0-150
D10-Fluorene	4	*	0-150
D10-Anthracene	5	*	0-150
D10-Pyrene	9	*	0-150
D12-Benzo(a)pyrene	4	*	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: L39422-3	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R114496	Col. Date:	14-JUN-06
	Locator: KCIA	Work Group: WG86410	Rec. Date:	14-JUN-06
	Site: METRO	QC Type:	Due Date:	14-JUL-06
	Method Code: 8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.064	.128	
Acenaphthylene		ug/L	<MDL	.032	.0638	
Dimethyl Phthalate		ug/L	<MDL	.032	.0638	
Acenaphthene		ug/L	<MDL	.032	.0638	
Fluorene		ug/L	<MDL	.032	.0638	
Diethyl Phthalate	.089	ug/L	<RDL	.048	.0957	
Phenanthrene	.362	ug/L		.032	.0638	
Anthracene		ug/L	<MDL	.032	.0638	
Di-N-Butyl Phthalate	.0914	ug/L		.032	.0638	
Fluoranthene	.819	ug/L		.032	.0638	
Pyrene	.768	ug/L		.032	.0638	
Benzyl Butyl Phthalate	.255	ug/L		.032	.0638	
Benzo(a)anthracene	.261	ug/L		.032	.0638	
Chrysene	.574	ug/L		.032	.0638	
Bis(2-Ethylhexyl)Phthalate	.479	ug/L		.032	.0638	
Di-N-Octyl Phthalate		ug/L	<MDL	.048	.0957	
Benzo(b)fluoranthene	.556	ug/L		.048	.0957	
Benzo(k)fluoranthene	.472	ug/L		.048	.0957	
Benzo(a)pyrene	.376	ug/L		.048	.0957	
Indeno(1,2,3-Cd)Pyrene	.344	ug/L		.048	.0957	
Dibenzo(a,h)anthracene	.108	ug/L		.048	.0957	
Benzo(g,h,i)perylene	.411	ug/L		.048	.0957	
2-Methylnaphthalene		ug/L	<MDL	.048	.0957	
d14-Terphenyl	.235	ug/L		.032	.0638	
D6-Dimethyl Phthalate	.017	ug/L	<RDL	.00032	.0638	
D8-Acenaphthylene	.00066	ug/L	<RDL	.00032	.0638	
D10-Fluorene	.014	ug/L	<RDL	.00032	.0638	
D10-Anthracene	.0025	ug/L	<RDL	.00032	.0638	
D10-Pyrene	.0094	ug/L	<RDL	.00032	.0638	
D12-Benzo(a)pyrene	.017	ug/L	<RDL	.00032	.0638	
Amount Analyzed	6270	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422-3.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	118		33-141
D6-Dimethyl Phthalate	21		0-150
D8-Acenaphthylene	1	*	0-150
D10-Fluorene	18		0-150
D10-Anthracene	3	*	0-150
D10-Pyrene	12		0-150
D12-Benzo(a)pyrene	21		0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: L39422-4	Matrix:	STORM WTR	List Type:	ORPHPAHSOURCE	
	Project:	423589-090-1	Run ID:	R114496	Col. Date: 14-JUN-06
	Locator:	SPCC	Work Group:	WGB6410	Rec. Date: 14-JUN-06
	Site:	METRO	QC Type:		Due Date: 14-JUL-06
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.06	.12	
Acenaphthylene		ug/L	<MDL	.03	.0598	
Dimethyl Phthalate		ug/L	<MDL	.03	.0598	
Acenaphthene		ug/L	<MDL	.03	.0598	
Fluorene		ug/L	<MDL	.03	.0598	
Diethyl Phthalate		ug/L	<MDL	.045	.0897	
Phenanthrene	.032	ug/L	<RDL	.03	.0598	
Anthracene	.033	ug/L	<RDL	.03	.0598	
Di-N-Butyl Phthalate	.034	ug/L	<RDL,B	.03	.0598	
Fluoranthene		ug/L	<MDL	.03	.0598	
Pyrene		ug/L	<MDL	.03	.0598	
Benzyl Butyl Phthalate	.11	ug/L		.03	.0598	
Benzo(a)anthracene		ug/L	<MDL	.03	.0598	
Chrysene		ug/L	<MDL	.03	.0598	
Bis(2-Ethylhexyl)Phthalate	.589	ug/L		.03	.0598	
Di-N-Octyl Phthalate		ug/L	<MDL	.045	.0897	
Benzo(b)fluoranthene		ug/L	<MDL	.045	.0897	
Benzo(k)fluoranthene		ug/L	<MDL	.045	.0897	
Benzo(a)pyrene		ug/L	<MDL	.045	.0897	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.045	.0897	
Dibenzo(a,h)anthracene		ug/L	<MDL	.045	.0897	
Benzo(g,h,i)perylene		ug/L	<MDL	.045	.0897	
2-Methylnaphthalene		ug/L	<MDL	.045	.0897	
d14-Terphenyl	.221	ug/L		.03	.0598	
D6-Dimethyl Phthalate	.026	ug/L	<RDL	.0003	.0598	
D8-Acenaphthylene	.0011	ug/L	<RDL	.0003	.0598	
D10-Fluorene	.0044	ug/L	<RDL	.0003	.0598	
D10-Anthracene	.0026	ug/L	<RDL	.0003	.0598	
D10-Pyrene	.015	ug/L	<RDL	.0003	.0598	
D12-Benzo(a)pyrene	.022	ug/L	<RDL	.0003	.0598	
Amount Analyzed	6690	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422-4.rp
Instrument ID						6890n 1
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	119		33-141
D6-Dimethyl Phthalate	35		0-150
D8-Acenaphthylene	2	*	0-150
D10-Fluorene	6	*	0-150
D10-Anthracene	4	*	0-150
D10-Pyrene	20		0-150
D12-Benzo(a)pyrene	30		0-150

KCSlip4 58403

SEA424702

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: L39422-5	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R114496	Col. Date:	14-JUN-06
	Locator: SPCC	Work Group: WG86410	Rec. Date:	14-JUN-06
	Site: METRO	QC Type:	Due Date:	14-JUL-06
	Method Code: 8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.062	.124	
Acenaphthylene		ug/L	<MDL	.031	.0618	
Dimethyl Phthalate		ug/L	<MDL	.031	.0618	
Acenaphthene		ug/L	<MDL	.031	.0618	
Fluorene		ug/L	<MDL	.031	.0618	
Diethyl Phthalate	.0938	ug/L		.046	.0927	
Phenanthrene		ug/L	<MDL	.031	.0618	
Anthracene		ug/L	<MDL	.031	.0618	
Di-N-Butyl Phthalate	.102	ug/L		.031	.0618	
Fluoranthene		ug/L	<MDL	.031	.0618	
Pyrene		ug/L	<MDL	.031	.0618	
Benzyl Butyl Phthalate	.167	ug/L		.031	.0618	
Benzo(a)anthracene		ug/L	<MDL	.031	.0618	
Chrysene		ug/L	<MDL	.031	.0618	
Bis(2-Ethylhexyl)Phthalate	.748	ug/L		.031	.0618	
Di-N-Octyl Phthalate		ug/L	<MDL	.046	.0927	
Benzo(b)fluoranthene		ug/L	<MDL	.046	.0927	
Benzo(k)fluoranthene		ug/L	<MDL	.046	.0927	
Benzo(a)pyrene		ug/L	<MDL	.046	.0927	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.046	.0927	
Dibenzo(a,h)anthracene		ug/L	<MDL	.046	.0927	
Benzo(g,h,i)perylene		ug/L	<MDL	.046	.0927	
2-Methylnaphthalene		ug/L	<MDL	.046	.0927	
d14-Terphenyl	.225	ug/L		.031	.0618	
D6-Dimethyl Phthalate	.034	ug/L	<RDL	.031	.0618	
D8-Acenaphthylene	.0071	ug/L	<RDL	.00031	.0618	
D10-Fluorene	.016	ug/L	<RDL	.00031	.0618	
D10-Anthracene	.0043	ug/L	<RDL	.00031	.0618	
D10-Pyrene	.029	ug/L	<RDL	.00031	.0618	
D12-Benzo(a)pyrene	.032	ug/L	<RDL	.031	.0618	
Amount Analyzed	6470	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Forthandler File						/usr/users/seed2/METROS3/file s/gcms/L39422-5.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	116	33-141
D6-Dimethyl Phthalate	44	0-150
D8-Acenaphthylene	9 *	0-150
D10-Fluorene	21	0-150
D10-Anthracene	6 *	0-150
D10-Pyrene	38	0-150
D12-Benzo(a)pyrene	41	0-150

KCSlip4 58404

SEA424703

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 07/12/06 01:46 - Data Source: ELD

Sample#: L39423-1	Matrix: BLANK WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R114496		Col. Date:	13-JUN-06
	Locator: CER	Work Group: WG86410		Rec. Date:	13-JUN-06
	Site: METRO	QC Type:		Due Date:	13-JUL-06
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.02	.04	
Acenaphthylene		ug/L	<MDL	.01	.02	
Dimethyl Phthalate		ug/L	<MDL	.01	.02	
Acenaphthene		ug/L	<MDL	.01	.02	
Fluorene		ug/L	<MDL	.01	.02	
Diethyl Phthalate		ug/L	<MDL	.015	.03	
Phenanthrene		ug/L	<MDL	.01	.02	
Anthracene		ug/L	<MDL	.01	.02	
Di-N-Butyl Phthalate	.0533	ug/L	B	.01	.02	
Fluoranthene		ug/L	<MDL	.01	.02	
Pyrene		ug/L	<MDL	.01	.02	
Benzyl Butyl Phthalate	.013	ug/L	<RDL	.01	.02	
Benzo(a)anthracene		ug/L	<MDL	.01	.02	
Chrysene		ug/L	<MDL	.01	.02	
Bis(2-Ethylhexyl)Phthalate	.0877	ug/L	B	.01	.02	
Di-N-Octyl Phthalate		ug/L	<MDL	.015	.03	
Benzo(b)fluoranthene		ug/L	<MDL	.015	.03	
Benzo(k)fluoranthene		ug/L	<MDL	.015	.03	
Benzo(a)pyrene		ug/L	<MDL	.015	.03	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.015	.03	
Dibenzo(a,h)anthracene		ug/L	<MDL	.015	.03	
Benzo(g,h,i)perylene		ug/L	<MDL	.015	.03	
2-Methylnaphthalene		ug/L	<MDL	.015	.03	
d14-Terphenyl	.737	ug/L		.01	.02	
D6-Dimethyl Phthalate	.181	ug/L		.01	.02	
D8-Acenaphthylene	.152	ug/L		.01	.02	
D10-Fluorene	.211	ug/L		.01	.02	
D10-Anthracene	.194	ug/L		.01	.02	
D10-Pyrene	.222	ug/L		.01	.02	
D12 Benzo(a)pyrene	.256	ug/L		.01	.02	
Amount Analyzed	2000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						10-JUL-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS1/files/gcms/L39423-1.rp
Instrument ID						6890n.i
Prep Date						16-JUN-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	118	33-141
D5-Dimethyl Phthalate	72	0-150
D8-Acenaphthylene	61	0-150
D10-Fluorene	85	0-150
D10-Anthracene	78	0-150
D10-Pyrene	89	0-150
D12-Benzo(a)pyrene	102	0-150

Trace Organics Data Anomaly Form

Date(s) Occurred: *07-10-2006*

WG #(s): *86410*

☐ **All samples in WKGP(s) or Sample #(s):** *WG86410-1,2,3,4,5 & L39423-1*

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: *PHPAHSOURCE*
☐ 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: ☐ 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: *(7) - Area counts for ISTD1 (1,4-Dichlorobenzene-d4) failed QA/QC acceptance limits for WG86410-1,2,3,4,5 & L39423-1.*

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.
- [x] 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).
- [x] 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: *No parameters are reported based on ISTD1 (1,4-Dichlorobenzene-d4). ISTD1 area counts are only being monitored for informational purpose only.*

	Signatures	Signature Dates
Reported By: *Dave Fada*	Dave Fada	7-13-06
Reviewer: *Mike Doubrava*	[illegible]	7/13/06
Supervisor: *Dana Walker*	Dana Walker	7/13/06
QA Officer: *Colin Elliott* (For QA1 only)		
cc: LPM:		

AIM
8/18/06
MS

King County Environmental Laboratory

WORK GROUP REPORT (wk02)

Jul 11 2006, 12:48 pm

Work Group: WG86673 (WIPES) for Department: 7 - Organics, Trace

Created: 11-JUL-06 PrepDate: 11-JUL-06 Due: Operator: MCD

Sample	Project Number	Project Description	PRej	C	Product	Matrix	Stat	UA	Workdate	Duedate
L39422-10	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	28-JUN-06	14-JUL-06
L39422-6	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	28-JUN-06	14-JUL-06
L39422-7	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	28-JUN-06	14-JUL-06
L39422-8	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	28-JUN-06	14-JUL-06
L39422-9	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	28-JUN-06	14-JUL-06
L39423-2	423589-090-1	Lower Duwamish Phthalate Studies	S		PHPAHWIPE	OTHR SOLID	WKGP	U	27-JUN-06	13-JUL-06
WG86673-1	MB		S		PHPAHWIPE	OTHR SOLID	WKGP	U	11-JUL-06	

Comments:

L39422-10	wipes
L39422-6	wipes
L39422-7	wipes
L39422-8	wipes
L39422-9	wipes
L39423-2	wipe blank
WG86673-1	FILTER PAPER BLANK 11-JUL-06

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

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

EPA SW-846 EXTRACTION METHOD: BNA SURROGATE SPIKE I.D.#: SSH1276 Coprostanol:

SONICATION EPA 3550 SOXHLET EPA 3540 BNA MATRIX SPIKE I.D.#: 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
7/11/06	WG 86673-1		Filter Paper Blank		1g	50uL	.5		MMD	7/14/06	
MMD	L39422-6		Funnel wipes								
	-7										
	-8										
	-9										
	-10										
	L39423-2		Blank Funnel wipe								

(1) Filter paper MeCl2 extracted for cleaning

(2) Funnels wiped x 2 ~~wipes~~ with MeCl2 soaked filter paper

(3) Samples extracted x3 with 50 mls of MeCl2 Sonic bath and conc to .5 mls for analysis.

KCSlip4 58409

SEA424708

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 07/25/06 07:16
Run ID: R114759 Workgroup: WG86673 (WIPES)

MB:WG86673-1 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	.089	B	x3 = 0.267
Phenanthrene	.005	.01	ug	<MDL		
Anthracene	.005	.01	ug	<MDL		
Di-N-Butyl Phthalate	.025	.05	ug	.18	B	x3 = 0.540
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	.297	B	x3 = 0.891
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 58410
SEA424709

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 07/25/06 07:16
Run ID: R114759 Workgroup: WG86673 (WIPES)

Sample #	2-Fluorobiphenyl	d14-Terphenyl
(Lab Limits)	30-115	18-137
L39422-6	56	117
L39422-7	48	115
L39422-8	44	119
L39422-9	70	104
L39422-10	1 *	119
L39423-2	39	110
WG86673-1	34	131

KCSlip4 58411
SEA424710

Sequence Name: C:\MSDChem\1\sequence\060711.b
Comment:
Operator:
Data Path: C:\MSDChem\1\data\060711\

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
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line			Sample Name/Misc Info		
1)	Tune	3	DFTPP-1	DFTPP	10 NG/UL DFTPP MIX
2)	Sample	4	CCALI-01	8270B1	SS#1263 D 6.00 PPM BNA STD
3)	Inst. Blk	2	BLANK-02	8270B1	MECL2
4)	Sample	5	CALI-01	8270B1	SS#1263 J 0.05 PPM
5)	Sample	6	CALI-02	8270B1	SS#1263 I 0.1 PPM
6)	Sample	7	CALI-03	8270B1	SS#1263 H 0.2 PPM
7)	Sample	8	CALI-04	8270B1	SS#1263 G 0.5 PPM
8)	Sample	9	CALI-05	8270B1	SS#1263 F 1.0 PPM
9)	Sample	10	CALI-06	8270B1	SS#1263 E 2.0 PPM
10)	Sample	11			
	Datafile		WG86673-1		
	Method		8270B1		
11)	Sample	12	L39423-2	8270B1	L39423-2 FUNNEL BLANK
12)	Sample	13	L39422-6	8270B1	L39422-6 FUNNEL WIPE
13)	Sample	14	L39422-7	8270B1	L39422-7 FUNNEL WIPE
14)	Sample	15	L39422-8	8270B1	L39422-8 FUNNEL WIPE
15)	Sample	16	L39422-9	8270B1	L39422-9 FUNNEL WIPE
16)	Sample	17			
	Datafile		L39422-10		
	Method		8270B1		

KCSlip4 58412

SEA424711

Batch: \\orgizmo\EE\chem\6890j.i\060711.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	11-JUL-2006 09:05	SDGa0971	SDGa09		10 NG/UL DFTPP MIX	NONE	0.000	1.0	13.397	154432	DFTPP.m		M.Doubrava
2	CCALI-01	11-JUL-2006 09:39	SDGa0282	SDGa02		SS#1263 D 6.00 PPM BNA STD	SOIL	0.000	1.0	8.566	704515	8270b1.m	11-JUL-2006	M.Doubrava
3	BLANK-02	11-JUL-2006 10:20	SDGa0282	SDGa02		MECL2	SOIL	0.000	1.0	20.112	5732	8270B1.m	11-JUL-2006	M.Doubrava
4	CALI-01	11-JUL-2006 11:00	SDGa0282	SDGa02		SS#1263 J 0.05 PPM	SOIL	0.000	1.0	8.566	434142	8270b1.m	11-JUL-2006	M.Doubrava
5	CALI-02	11-JUL-2006 11:42	SDGa0282	SDGa02		SS#1263 I 0.1 PPM	SOIL	0.000	1.0	8.566	483005	8270b1.m	11-JUL-2006	M.Doubrava
6	CALI-03	11-JUL-2006 12:23	SDGa0282	SDGa02		SS#1263 H 0.2 PPM	SOIL	0.000	1.0	8.566	413803	8270b1.m	11-JUL-2006	M.Doubrava
7	CALI-04	11-JUL-2006 13:04	SDGa0282	SDGa02		SS#1263 G 0.5 PPM	SOIL	0.000	1.0	8.566	495941	8270b1.m	11-JUL-2006	M.Doubrava
8	CALI-05	11-JUL-2006 13:46	SDGa0282	SDGa02		SS#1263 F 1.0 PPM	SOIL	0.000	1.0	8.566	507471	8270b1.m	11-JUL-2006	M.Doubrava
9	CALI-06	11-JUL-2006 14:28	SDGa0282	SDGa02		SS#1263 E 2.0 PPM	SOIL	0.000	1.0	8.566	528383	8270b1.m	11-JUL-2006	M.Doubrava
10	WG86673-1	11-JUL-2006 15:09	WG86673	WIPES		WG86673-1 FILTER PAPER BLANK	SOIL	1.000	0.5	8.566	462258	8270b1.m	11-JUL-2006	M.Doubrava
11	L39423-2	11-JUL-2006 15:51	WG86673	WIPES		L39423-2 FUNNEL BLANK	SOIL	1.000	0.5	8.566	613339	8270b1.m	11-JUL-2006	M.Doubrava
12	L39422-6	11-JUL-2006 16:33	WG86673	WIPES		L39422-6 FUNNEL WIPE	SOIL	1.000	0.5	8.566	583286	8270b1.m	11-JUL-2006	M.Doubrava
13	L39422-7	11-JUL-2006 17:14	WG86673	WIPES		L39422-7 FUNNEL WIPE	SOIL	1.000	0.5	8.566	507965	8270b1.m	11-JUL-2006	M.Doubrava
14	L39422-8	11-JUL-2006 17:56	WG86673	WIPES		L39422-8 FUNNEL WIPE	SOIL	1.000	0.5	8.566	490802	8270b1.m	11-JUL-2006	M.Doubrava
15	L39422-9	11-JUL-2006 18:37	WG86673	WIPES		L39422-9 FUNNEL WIPE	SOIL	1.000	0.5	8.566	589397	8270b1.m	11-JUL-2006	M.Doubrava
16	L39422-10	11-JUL-2006 19:18	WG86673	WIPES		L39422-10 FUNNEL WIPE	SOIL	1.000	0.5	8.566	438422	8270b1.m	11-JUL-2006	M.Doubrava

Samples: 7 **QC Samples + Misc.:** 1 **ContinuingCals:** 0 **Tunes:** 1 **Calibrations:** 7

Trace Organics Data Anomaly Form

Date(s) Occurred: *06/07/11*

WG #(s): *WG86673*

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

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

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

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

Anomaly Description:

1. The MB (filter paper blank) had detectable amounts of Diethyl phthalate, Di-N-Butyl phthalate, and Bis(2EH) Phthalate. For this project, "B" flag values are set at X 3 blank values. Sample were flagged according to this criteria.

8. 2-Fluorobiphenyl for sample L39422-10 failed for QA/QA recovery limits. The surrogate was most likely "lost" during concentration on either the N-VAP or the steam bath. The surrogate is flagged with an asterisk.

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:

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

Explanation:

	Signatures	Signature Dates
Reported By: *M. Doubrava*		7/25/06
Reviewer:		
Supervisor: *Dana Walker*	Dana Walker	7/26/06
QA Officer: *Colin Elliott* (For QA1 only)		
cc: LPM: *F. Grothkopp*		

July 25, 2006
ORGJ_DAF060711WG86673

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: WG86673-1	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:		Run ID:	R114759	Col. Date:
	Locator:	MB	Work Group:	WG86673	Rec. Date: 11-JUL-06
	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	.089	ug	B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.18	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	.297	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	.424	ug		.01	.02	
d14-Terphenyl	1.63	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11-JUL-06
Operator ID						M.Doubrava
Porthandler File						/usr/users/scsd2/METROS3/files/gcms/WG86673-1.rp
Instrument ID						6890j.1
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	34	10-115
d14-Terphenyl	131	10-137

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: L39422-6	Matrix: OTHR SOLID	List Type: ORPHPAHWIPE			
	Project: 423589-090-1	Run ID: R114759		Col. Date:	14-JUN-06
	Locator: CER	Work Group: WG86673		Rec. Date:	14-JUN-06
	Site: METRO	QC Type:		Due Date:	14-JUL-06
	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	.0824	ug	B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.148	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.0623	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.266	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	.702	ug		.01	.02	
d14-Terphenyl	1.47	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11-JUL-06
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422-6.rp
Instrument ID						6890j.i
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	56	30-115
d14-Terphenyl	117	18-137

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: LJ9422-7	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R114759	Col. Date: 14-JUN-06
	Locator:	DZ	Work Group:	WG86673	Rec. Date: 14-JUN-06
	Site:	METRO	QC Type:		Due Date: 14-JUL-06
	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	.0997	ug	B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.239	ug	B	.025	.05	
Fluoranthene	.0186	ug		.005	.01	
Pyrene	.0128	ug		.005	.01	
Benzyl Butyl Phthalate	.129	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.821	ug	B	.025	.05	
Di-N-Octyl Phthalate	.246	ug		.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	.597	ug		.01	.02	
d14-Terphenyl	1.44	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11-JUL-06
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/LJ9422-7.rp
Instrument ID						6890j.i
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	48	30-115
d14-Terphenyl	115	18-137

KCSlip4 58418

SEA424717

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: L39422-8	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R114759	Col. Date: 14-JUN-06
	Locator:	KCIA	Work Group:	WG86673	Rec. Date: 14-JUN-06
	Site:	METRO	QC Type:		Due Date: 14-JUL-06
	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	.0977	ug	B	.025	.05	
Phenanthrene	.176	ug		.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.787	ug		.025	.05	
Fluoranthene	.42	ug		.005	.01	
Pyrene	.308	ug		.005	.01	
Benzyl Butyl Phthalate	.142	ug		.025	.05	
Benzo(a)anthracene	.107	ug		.005	.01	
Chrysene	.213	ug		.005	.01	
Bis(2-Ethylhexyl)Phthalate	.771	ug	B	.025	.05	
Di-N-Octyl Phthalate		ug	<MDL	.025	.05	
Benzo(b)fluoranthene	.26	ug		.01	.02	
Benzo(k)fluoranthene	.161	ug		.01	.02	
Benzo(a)pyrene	.198	ug		.01	.02	
Indeno(1,2,3-Cd)Pyrene	.175	ug		.01	.02	
Dibenzo(a,h)anthracene	.0852	ug		.01	.02	
Benzo(g,h,i)perylene	.182	ug		.01	.02	
2-Methylnaphthalene		ug	<MDL	.005	.01	
2-Fluorobiphenyl	.545	ug		.01	.02	
d14-Terphenyl	1.48	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11-JUL-06
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L39422-8.rp
Instrument ID						G890j.i
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	44	30-115
d14-Terphenyl	119	18-137

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: L39422-9	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423509-090-1	Run ID:	R114759	Col. Date: 14-JUN-06
	Locator:	SPCC	Work Group:	WG86673	Rec. Date: 14-JUN-06
	Site:	METRO	QC Type:		Due Date: 14-JUL-06
	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	.0908	ug	B	.025	.05	
Phenanthrene		ug	<MDL	.005	.01	
Anthracene		ug	<MDL	.005	.01	
Di-N-Butyl Phthalate	.174	ug	B	.025	.05	
Fluoranthene		ug	<MDL	.005	.01	
Pyrene		ug	<MDL	.005	.01	
Benzyl Butyl Phthalate	.0602	ug		.025	.05	
Benzo(a)anthracene		ug	<MDL	.005	.01	
Chrysene		ug	<MDL	.005	.01	
Bis(2-Ethylhexyl)Phthalate	.17	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	.877	ug		.01	.02	
d14-Terphenyl	1.3	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11-JUL-06
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422-9.rp
Instrument ID						6890j.i
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	70	10-115
d14 Terphenyl	104	18-137

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: L39422-10	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R114759	Col. Date: 14-JUN-06
	Locator:	SPCC	Work Group:	WG86673	Rec. Date: 14-JUN-06
	Site:	METRO	QC Type:		Due Date: 14-JUL-06
	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	.157	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	.212	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	.017	ug	<RDL	.01	.02	
d14-Terphenyl	1.48	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11-JUL-06
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39422-10.rp
Instrument ID						6890j.i
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	1 *	30-115
d14-Terphenyl	119	18-137

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 08/19/06 06:27 - Data Source: ELD

Sample#: L39423-2	Matrix:	OTHR SOLID	List Type:	ORPHPAHWIPE	
	Project:	423589-090-1	Run ID:	R114759	Col. Date: 13-JUN-06
	Locator:	CER	Work Group:	WG86673	Rec. Date: 13-JUN-06
	Site:	METRO	QC Type:		Due Date: 13-JUL-06
	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	.354	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	.35	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	.484	ug		.01	.02	
d14-Terphenyl	1.37	ug		.01	.02	
Amount Analyzed	1	g				
Standard Amount	1	g				
Dilution Factor	.5	none				
Date Analyzed						11 JUL 06
Operator ID						M.Doubrava
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L39423-2.rp
Instrument ID						6890j.i
Prep Date						11-JUL-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
2-Fluorobiphenyl	39	30-115
d14-Terphenyl	110	18-137

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