King County

Industrial Waste Program
Wastewater Treatment Division
Department of Natural Resources and Parks

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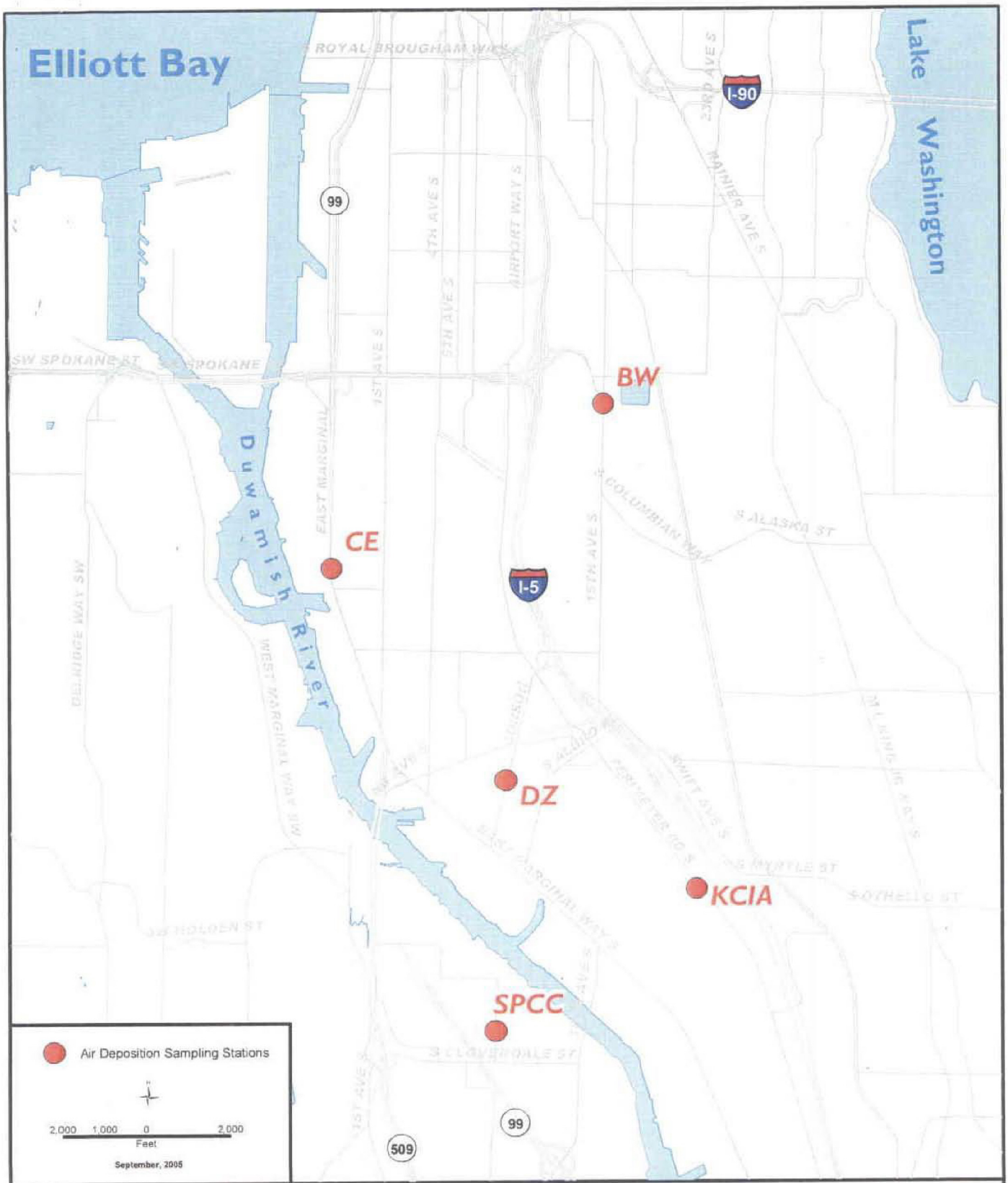
Comments: Raw aqueous results from Rounds 1 to 3 of rain sampling.



King County
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Shaun O'Neil - September 21, 2005

Figure 1
Air Deposition Sampling Stations

PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

R1

COMBINED LABS-Liquid

Locator	Sample Date	Lab ID	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(k)fluoranthene ug/L	Benzyl Butyl Phthalate ug/L	Bis(2-Ethylhexyl)Phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Diethyl Phthalate ug/L	Dimethyl Phthalate ug/L	Di-N-Butyl Phthalate ug/L	Di-N-Octyl Phthalate ug/L	Indeno(1,2,3-Cd)Pyrene ug/L
DZ-01-102505-110805	11/8/2005	L37450-1	0.00772	0.0039	0.0134	0.00828	0.112	0.375	0.0179		0.0404	0.00831	0.0388	0.184	0.0068
CE-01-102505-110805	11/8/2005	L37450-2	0.00553	0.0187	0.0267	0.0264	0.122	1.08	0.0122	0.00778	0.0345	0.00624	0.0892	0.0864	0.0196
BW-01-102505-110805	11/8/2005	L37450-3	0.0038		0.00905	0.0067	0.119	0.206	0.0113		0.0286	0.0044	0.0491	0.018	0.0056
SPCC-01-102505-110805	11/8/2005	L37450-4	0.00541	0.0035	0.0118	0.00899	0.846	0.229	0.0141		0.0339	0.00728	0.074	0.0192	0.0061
KCIA-01-102505-110805	11/8/2005	L37450-5	0.0855	0.117	0.186	0.159	0.353	0.177	0.187	0.047	0.0378	0.00718	0.0707	0.0227	0.108

Ratio to Beacon Hill (BW) - (**Note:** Results Not Blank Corrected or Corrected for Funnel Wipes)

DZ			2.03	#DIV/0!	1.48	1.24	0.94	1.82	1.58	#DIV/0!	1.41	1.89	0.79	10.22	1.21
CE			1.46	#DIV/0!	2.95	3.94	1.03	5.24	1.08	#DIV/0!	1.21	1.42	1.82	4.80	3.50
BW			1.00	#DIV/0!	1.00	1.00	1.00	1.00	1.00	#DIV/0!	1.00	1.00	1.00	1.00	1.00
SPCC			1.42	#DIV/0!	1.30	1.34	7.11	1.11	1.25	#DIV/0!	1.19	1.65	1.51	1.07	1.09
KCIA			22.50	#DIV/0!	20.55	23.73	2.97	0.86	16.55	#DIV/0!	1.32	1.63	1.44	1.26	19.29

KCSlip4 56532

SEA422852

PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

R2

COMBINED LABS-Liquid

Locator	Sample Date	Lab ID	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(k)fluoranthene ug/L	Benzyl Butyl Phthalate ug/L	Bis(2-Ethylhexyl)Phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Diethyl Phthalate ug/L	Dimethyl Phthalate ug/L	Di-N-Butyl Phthalate ug/L	Di-N-Octyl Phthalate ug/L	Indeno(1,2,3-Cd)Pyrene ug/L
DZ-01-110805-113005	11/30/2005	L37677-1	0.0202	0.0207	0.0525	0.0329	0.158	0.877	0.0552	0.0085	0.078	0.0187	0.0857	0.114	0.0274
CE-01-110805-113005	11/30/2005	L37677-2	0.0784	0.072	0.0528	0.0411	0.264	1.96	0.128	0.0098	0.0492	0.0165	0.0899	0.0825	0.023
BW-01-110805-113005	11/30/2005	L37677-3	0.00787	0.0088	0.0165	0.0134	0.114	0.564	0.0236		0.0466	0.00834	0.0686	0.0321	0.0084
SPCC-01-110805-113005	11/30/2005	L37677-4	0.0201	0.0176	0.04	0.0293	0.599	0.581	0.0464	0.007	0.0589	0.0166	0.0973	0.0474	0.0219
KCIA-01-110805-113005	11/30/2005	L37677-5	0.353	0.48	0.694	0.656	0.193	0.746	0.722	0.149	0.0585	0.0117	0.104	0.0467	0.45

Ratio to Beacon Hill (BW) - (**Note:** Results Not Blank Corrected or Corrected for Funnel Wipes)

DZ			2.57	2.35	3.18	2.46	1.39	1.55	2.34	#####	1.67	2.24	1.25	3.55	3.26
CE			9.96	8.18	3.20	3.07	2.32	3.48	5.42	#####	1.06	1.98	1.31	2.57	2.74
BW			1.00	1.00	1.00	1.00	1.00	1.00	1.00	#####	1.00	1.00	1.00	1.00	1.00
SPCC			2.55	2.00	2.42	2.19	5.25	1.03	1.97	#####	1.26	1.99	1.42	1.48	2.61
KCIA			44.85	54.55	42.06	48.96	1.69	1.32	30.59	#####	1.26	1.40	1.52	1.45	53.57

KCSlip4 56533

SEA422853

PROJECT: 423589-090-1

King County Environmental Lab Matrix Report

COMBINED LABS-Liquid

Locator	Sample Date	Lab ID	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(k)fluoranthene ug/L	Benzyl Butyl Phthalate ug/L	Bis(2-Ethylhexyl)Phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Diethyl Phthalate ug/L	Dimethyl Phthalate ug/L	Di-N-Butyl Phthalate ug/L	Di-N-Octyl Phthalate ug/L	Indeno(1,2,3-Cd)Pyrene ug/L
DZ-O1-113005-122105	Dec 21, 2005	L37788-1	0.049	0.0618	0.106	0.104	0.234	1.61	0.14	0.022	0.0846	0.0767	0.103	0.357	0.0725
CE-O1-113005-122105	Dec 21, 2005	L37788-2	0.145	0.172	0.206	0.206	0.507	3.46	0.302	0.0511	0.105	0.0997	0.218	0.494	0.135
BW-O1-113005-122105	Dec 21, 2005	L37788-3	0.013	0.013	0.0305	0.0251	0.198	0.745	0.0406		0.116	0.0211	0.182	0.103	0.017
SPCC-O1-113005-122105	Dec 21, 2005	L37788-4	0.0526	0.0633	0.0905	0.0909	2.76	4.09	0.121	0.019	0.148	0.064	0.259	0.134	0.0569
KCIA-O1-113005-122105	Dec 21, 2005	L37788-5	0.803	1.18	1.75	1.47	0.258	1.45	1.8	0.355	0.155	0.0378	0.245	0.0731	1.08

Ratio to Beacon Hill (BW) - (**Note:** Results Not Blank Corrected or Corrected for Funnel Wipes)

DZ			3.77	4.75	3.48	4.14	1.18	2.16	3.45	#####	0.73	3.64	0.57	3.47	4.26
CE			11.15	13.23	6.75	8.21	2.56	4.64	7.44	#####	0.91	4.73	1.20	4.80	7.94
BW			1.00	1.00	1.00	1.00	1.00	1.00	1.00	#####	1.00	1.00	1.00	1.00	1.00
SPCC			4.05	4.87	2.97	3.62	13.94	5.49	2.98	#####	1.28	3.03	1.42	1.30	3.35
KCIA			61.77	90.77	57.38	58.57	1.30	1.95	44.33	#####	1.34	1.79	1.35	0.71	63.53

KCSlip4 56534

SEA422854

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*** FAX ACTIVITY REPORT TX/RX ***
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ST. TIME	CONNECTION TEL/ID	NO.	MODE		PGS.	RESULT	
*02/08 09:32	4162380417	8534	AUTO RX	ECM	1	OK	00'28
*02/08 09:36	UNKNOWN	8535	AUTO RX	ECM	1	OK	00'27
*02/08 10:44	94254527116	0730	TX	ECM	6	OK	01'01
*02/08 12:32	UNKNOWN	8536	AUTO RX	ECM	1	OK	00'49
*02/08 13:02	UNKNOWN	8537	AUTO RX	ECM	1	OK	00'49
*02/08 14:27	2066218485	8538	AUTO RX	ECM	2	OK	00'26
*02/08 14:29	2066218485	8539	AUTO RX	ECM	2	OK	00'26
*02/08 14:42	UNKNOWN	8540	AUTO RX	ECM	1	OK	00'54
02/08 15:07	UNKNOWN	8541	AUTO RX	ECM	1	OK	00'29
02/08 15:52	92066844631	0731	TX	ECM	5	OK	01'43
02/09 04:01	UNKNOWN	8542	AUTO RX	ECM	1	OK	00'51
02/09 04:03	UNKNOWN	8543	AUTO RX	ECM	1	OK	00'51
02/09 06:08	UNKNOWN	8544	AUTO RX	ECM	1	OK	00'50
02/09 06:09	UNKNOWN	8545	AUTO RX	ECM	1	OK	00'51
02/09 07:29	96286556	0732	TX	ECM	6	OK	00'53
02/09 07:39	UNKNOWN	8546	AUTO RX	ECM	1	OK	00'19
02/09 07:50	92062332632	0733	TX	ECM	5	OK	03'29
02/09 09:22	UNKNOWN	8547	AUTO RX	ECM	1	OK	00'34
02/09 09:45	206 398 5222	8548	AUTO RX	ECM	2	OK	01'34
02/09 10:53	UNKNOWN	8549	AUTO RX	ECM	1	OK	00'52
02/09 10:54	4256562855	8550	AUTO RX	ECM	2	OK	00'34
02/09 11:20	UNKNOWN	8551	AUTO RX	ECM	1	OK	00'53
02/09 12:27	UNKNOWN	8552	AUTO RX		1	OK	00'37
02/09 12:35	UNKNOWN	8553	AUTO RX	ECM	1	OK	00'53
02/09 16:34	UNKNOWN	8554	AUTO RX	ECM	6	OK	00'58
02/09 17:43	8776013861	8555	AUTO RX	ECM	1	OK	00'35
02/09 17:44	UNKNOWN	8556	AUTO RX	ECM	1	OK	00'51
02/09 18:22	918009798987	0734	TX	ECM	2	OK	00'29
02/09 19:56	UNKNOWN	8557	AUTO RX	ECM	1	OK	00'50
02/09 20:01	UNKNOWN	8558	AUTO RX	ECM	1	OK	00'50
02/09 21:38	UNKNOWN	8559	AUTO RX	ECM	1	OK	00'32
02/09 23:12	UNKNOWN	8560	AUTO RX	ECM	1	OK	00'47
02/10 02:00	UNKNOWN	8561	AUTO RX	ECM	1	OK	00'50
02/10 02:01	UNKNOWN	8562	AUTO RX	ECM	1	OK	00'50
02/10 02:51	UNKNOWN	8563	AUTO RX	ECM	1	OK	00'47
02/10 03:18	UNKNOWN	8564	AUTO RX	ECM	1	OK	00'48
02/10 08:13	92066224449	0735	TX	ECM	3	OK	01'05
02/10 09:06	UNKNOWN	8565	AUTO RX	ECM	1	OK	00'19
02/10 09:27	425 672 9025	8566	AUTO RX	ECM	2	OK	00'46
→ 02/10 09:28	92062960190	0736	TX	ECM	5	OK	00'52