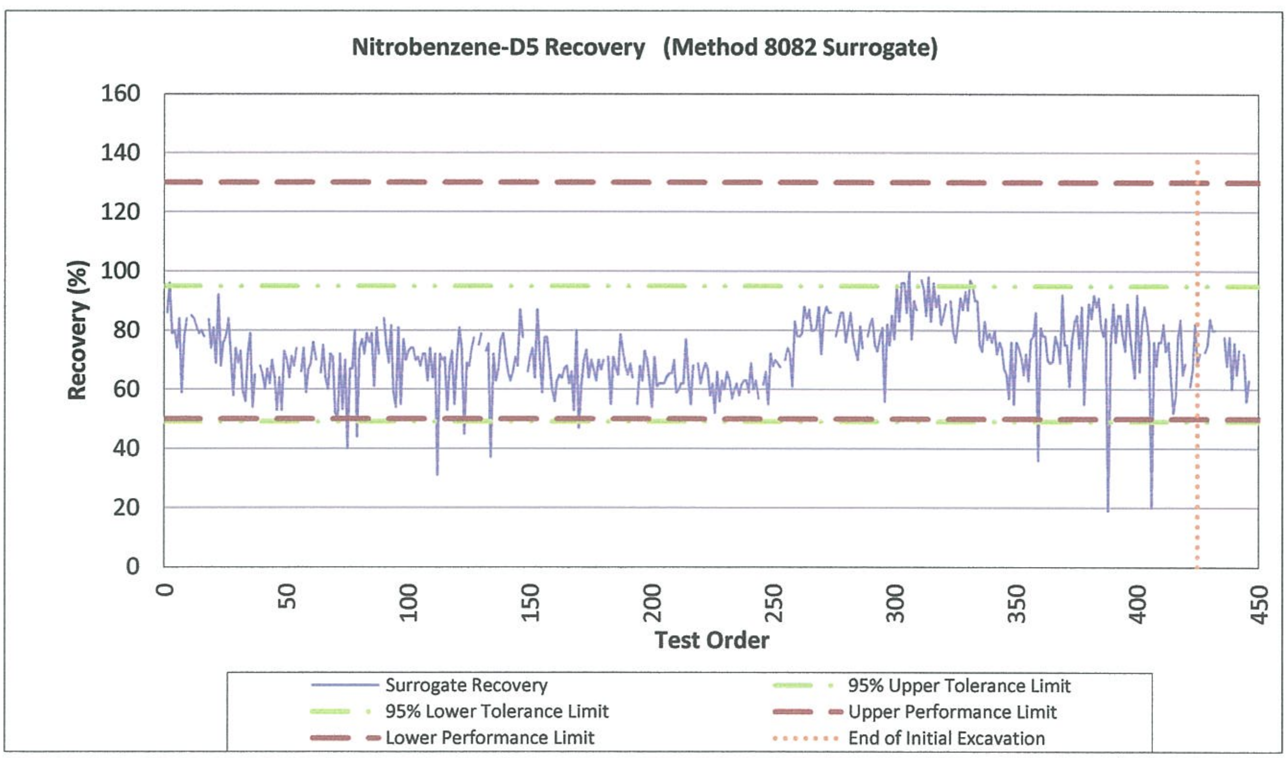
Table Benzo(b)fluoranthene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries

Sample	Recovery	Date	Batch	Order
ES-R09-A1	19	39884	56245	11
ES-T09-B1	20	39889	56337	18
ES-R06-080521	31	39604	50282	39
ES-Q10-D0	36	39882	56175	56
ES-P07-080519	37	39610	50403	64
WS-K04-080513	40	39601	50169	90
ES-N04-080519	44	39601	50169	129
ES-Q05-080520	45	39604	50282	132
ES-T11-080530	47	39622	50534	149
WS-J02-080624	95	39650	51148	182
ES-E02-080611	95	39654	51406	194
A7E080000081B	96	39212	7128081	219
ES-C01-080624	96	39650	51148	246
WS-C04-080623	96	39650	51148	255
ES-A01-080623	96	39650	51148	276
BOR 508	97	39650	51148	289
ES-Z07-080522 B	97	39654	51406	311
DUP-18	98	39650	51148	323
577697	100	39650	51148	422

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	72
Median	72
Mode	70
Standard Deviation	11
Minimum	19

Table Benzo(b)fluoranthene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries (Graph)



BENZO(B)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	A1	ES-A01-080623	BENZO(B)FLUORANTHENE	0.0096	07/21/08	51148	N	ES-A01-080623
East Site	B1	ES-B01-080623	BENZO(B)FLUORANTHENE	0.3700	07/21/08	51148	Y	ES-B01-080623
East Site	C1	ES-C01-080624	BENZO(B)FLUORANTHENE	0.0095	07/21/08	51148	N	ES-C01-080624
East Site	D1	ES-D01-080624	BENZO(B)FLUORANTHENE	0.0095	07/21/08	51148	N	ES-D01-080624
East Site	E1	ES-E01-080528	BENZO(B)FLUORANTHENE	0.0270	06/05/08	50282	Y	ES-E01-080528
East Site	E2	ES-E02-080611	BENZO(B)FLUORANTHENE	0.0800	07/25/08	51406	Y	ES-E02-080611
East Site	F1	ES-F01-080529	BENZO(B)FLUORANTHENE	0.0230	06/23/08	50534	Y	ES-F01-080529
East Site	F1	ES-F01-080529	BENZO(B)FLUORANTHENE	0.0095	07/25/08	51406	N	DUP-17
East Site	G1	ES-G01-080529	BENZO(B)FLUORANTHENE	0.0230	06/23/08	50534	Y	ES-G01-080529
East Site	G2	ES-G02-080605	BENZO(B)FLUORANTHENE	0.0190	06/20/08	50635	Y	ES-G02-080605
East Site	H1	ES-H01-080528	BENZO(B)FLUORANTHENE	0.0290	06/05/08	50282	Y	ES-H01-080528
East Site	H2	ES-H02-080515	BENZO(B)FLUORANTHENE	0.0490	06/02/08	50169	Y	ES-H02-080515
East Site	H3	ES-H03-080605	BENZO(B)FLUORANTHENE	0.0450	06/20/08	50635	Y	ES-H03-080605
East Site	I1	ES-I01-080529	BENZO(B)FLUORANTHENE	0.0330	06/23/08	50534	Y	ES-I01-080529
East Site	I2	ES-I02-080514	BENZO(B)FLUORANTHENE	0.0096	06/02/08	50169	N	ES-I02-080514
East Site	I3	ES-I03-080513	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-I03-080513
East Site	I4	ES-I04-080602	BENZO(B)FLUORANTHENE	0.0290	06/23/08	50534	Y	ES-I04-080602
East Site	J1	ES-J01-080529	BENZO(B)FLUORANTHENE	0.0410	06/23/08	50534	Y	ES-J01-080529
East Site	J2	ES-J02-080527	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-J02-080527
East Site	J2	ES-J02-080527	BENZO(B)FLUORANTHENE	0.0095	06/26/08	50781	N	DUP-15
East Site	J3	ES-J03-080513	BENZO(B)FLUORANTHENE	0.0460	06/02/08	50169	Y	ES-J03-080513
East Site	J3	ES-J03-080513	BENZO(B)FLUORANTHENE	0.0370	06/20/08	50635	Y	DUP-11
East Site	J3	ES-J03-090323	BENZO(B)FLUORANTHENE	0.0370	04/03/09	56623	Y	ES-J03-090323
East Site	J4	ES-J04-080530	BENZO(B)FLUORANTHENE	0.0096	06/23/08	50534	N	ES-J04-080530
East Site	J4	ES-J04-080530	BENZO(B)FLUORANTHENE	0.0096	07/21/08	51148	N	DUP-18
East Site	J5	ES-J05-080602	BENZO(B)FLUORANTHENE	0.0420	06/23/08	50534	Y	ES-J05-080602
East Site	K1	ES-K01-080602	BENZO(B)FLUORANTHENE	0.0095	06/23/08	50534	N	ES-K01-080602
East Site	K2	ES-K02-080602	BENZO(B)FLUORANTHENE	0.0230	06/20/08	50635	Y	ES-K02-080602
East Site	K3	ES-K03-080514	BENZO(B)FLUORANTHENE	0.0860	06/02/08	50169	Y	ES-K03-080514
East Site	K4	ES-K04-080527	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-K04-080527
East Site	K5	ES-K05-080605	BENZO(B)FLUORANTHENE	0.0220	06/20/08	50635	Y	ES-K05-080605
East Site	K5	ES-K05-080605	BENZO(B)FLUORANTHENE	0.0340	07/21/08	51148	Y	DUP-19
East Site	K7	ES-K07-080611	BENZO(B)FLUORANTHENE	0.4200	06/26/08	50781	Y	ES-K07-080611
East Site	L1	ES-L01-080625	BENZO(B)FLUORANTHENE	0.0310	07/17/08	51151	Y	ES-L01-080625
East Site	L2	ES-L02-080625	BENZO(B)FLUORANTHENE	0.0095	07/17/08	51151	N	ES-L02-080625
East Site	L3	ES-L03-080604	BENZO(B)FLUORANTHENE	0.1500	06/20/08	50635	Y	ES-L03-080604
East Site	L4	ES-L04-080604	BENZO(B)FLUORANTHENE	0.0096	06/20/08	50635	Y	ES-L04-080604
East Site	L5	ES-L05-080620	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	ES-L05-080620
East Site	L6	ES-L06-080605	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	ES-L06-080605
East Site	M1	ES-M01-080527	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-M01-080527
East Site	M2	ES-M02-080519	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-M02-080519
East Site	M3	ES-M03-080519	BENZO(B)FLUORANTHENE	0.0430	06/03/08	50169	Y	ES-M03-080519
East Site	M4	ES-M04-080515	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-M04-080515
East Site	M5	ES-M05-080527	BENZO(B)FLUORANTHENE	0.0094	06/04/08	50262	N	ES-M05-080527

BENZO(B)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	M6	ES-M06-080520	BENZO(B)FLUORANTHENE	0.0190	06/05/08	50282	Y	ES-M06-080520
East Site	M7	ES-M07-080612	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51046	N	ES-M07-080612
East Site	M8	ES-M08-080610	BENZO(B)FLUORANTHENE	0.3300	06/28/08	50807	Y	ES-M08-080610
East Site	M9	ES-M09-080611	BENZO(B)FLUORANTHENE	0.0220	06/26/08	50781	Y	ES-M09-080611
East Site	N2	ES-N02-080528	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50262	N	ES-N02-080528
East Site	N3	ES-N03-080520	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-N03-080520
East Site	N4	ES-N04-080519	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-N04-080519
East Site	N4	ES-N04-080519	BENZO(B)FLUORANTHENE	0.0095	07/25/08	51406	N	ES-N04-080519
East Site	N5	ES-N05-080519	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-N05-080519
East Site	N6	ES-N06-080527	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-N06-080527
East Site	N7	ES-N07-080530	BENZO(B)FLUORANTHENE	0.0150	06/23/08	50534	Y	ES-N07-080530
East Site	N8	ES-N08-080610	BENZO(B)FLUORANTHENE	0.0410	06/28/08	50807	Y	ES-N08-080610
East Site	N9	ES-N09-080610	BENZO(B)FLUORANTHENE	0.0096	06/26/08	50781	Y	ES-N09-080610
East Site	N10	ES-N10-080610	BENZO(B)FLUORANTHENE	0.0096	06/28/08	50807	N	ES-N10-080610
East Site	O3	ES-O03-080528	BENZO(B)FLUORANTHENE	0.0096	06/05/08	50262	N	ES-O03-080528
East Site	O4	ES-O04-080515	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-O04-080515
East Site	O5	ES-O05-080520	BENZO(B)FLUORANTHENE	0.0400	06/05/08	50282	Y	ES-O05-080520
East Site	O6	ES-O06-080529	BENZO(B)FLUORANTHENE	0.0095	06/23/08	50534	N	ES-O06-080529
East Site	O7	ES-O07-080530	BENZO(B)FLUORANTHENE	0.0095	06/23/08	50534	N	ES-O07-080530
East Site	O8	ES-O08-080530	BENZO(B)FLUORANTHENE	0.0095	06/23/08	50534	N	ES-O08-080530
East Site	O9	ES-O09-080610	BENZO(B)FLUORANTHENE	0.0096	06/28/08	50807	N	ES-O09-080610
East Site	O10	ES-O10-080611	BENZO(B)FLUORANTHENE	0.0540	06/26/08	50781	Y	ES-O10-080611
East Site	P4	ES-P04-080528	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-P04-080528
East Site	P4	ES-P04-080528	BENZO(B)FLUORANTHENE	0.0096	07/18/08	51147	N	DUP-16
East Site	P5	ES-P05-080513	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-P05-080513
East Site	P6	ES-P06-080515	BENZO(B)FLUORANTHENE	0.0095	06/02/08	50169	N	ES-P06-080515
East Site	P6	ES-P06-080515	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	DUP-12
East Site	P7	ES-P07-080519	BENZO(B)FLUORANTHENE	0.0095	06/11/08	50403	N	ES-P07-080519
East Site	P7	ES-P07-080519	BENZO(B)FLUORANTHENE	0.0095	07/25/08	51406	N	ES-P07-080519
East Site	P8	ES-P08-080530	BENZO(B)FLUORANTHENE	0.0095	06/23/08	50534	N	ES-P08-080530
East Site	P10	ES-P10-080606	BENZO(B)FLUORANTHENE	0.0096	06/20/08	50635	N	ES-P10-080606
East Site	P11	ES-P11-080606	BENZO(B)FLUORANTHENE	0.0120	06/20/08	50635	Y	ES-P11-080606
East Site	Q5	ES-Q05-080520	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-Q05-080520
East Site	Q5	ES-Q05-080520	BENZO(B)FLUORANTHENE	0.0340	07/25/08	51406	Y	ES-Q05-080520
East Site	Q6	ES-Q06-080520	BENZO(B)FLUORANTHENE	0.0430	06/05/08	50282	Y	ES-Q06-080520
East Site	Q7	ES-Q07-080519	BENZO(B)FLUORANTHENE	0.0095	06/03/08	50169	N	ES-Q07-080519
East Site	Q8	ES-Q08-080519	BENZO(B)FLUORANTHENE	0.1300	06/03/08	50169	Y	ES-Q08-080519
East Site	Q9	ES-Q09-080612	BENZO(B)FLUORANTHENE	0.0095	06/26/08	50781	N	ES-Q09-080612
East Site	Q10	ES-Q10-080606	BENZO(B)FLUORANTHENE	0.1500	06/20/08	50635	Y	ES-Q10-080606
East Site	Q11	ES-Q11-080606	BENZO(B)FLUORANTHENE	0.0095	06/20/08	50635	N	ES-Q11-080606
East Site	Q17	ES-Q17-080609	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	ES-Q17-080609
East Site	R5	ES-R05-080521	BENZO(B)FLUORANTHENE	0.0830	06/05/08	50282	Y	ES-R05-080521
East Site	R6	ES-R06-080521	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-R06-080521
East Site	R6	ES-R06-080521	BENZO(B)FLUORANTHENE	0.0095	07/25/08	51406	N	ES-R06-080521

BENZO(B)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	R7	ES-R07-080521	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-R07-080521
East Site	R8	ES-R08-080519	BENZO(B)FLUORANTHENE	0.0310	06/05/08	50282	Y	ES-R08-080519
East Site	R9	ES-R09-080520	BENZO(B)FLUORANTHENE	0.0150	06/11/08	50403	Y	ES-R09-080520
East Site	R10	ES-R10-080602	BENZO(B)FLUORANTHENE	0.0096	06/23/08	50534	N	ES-R10-080602
East Site	R11	ES-R11-080605	BENZO(B)FLUORANTHENE	0.0096	06/20/08	50635	N	ES-R11-080605
East Site	R12	ES-R12-080611	BENZO(B)FLUORANTHENE	0.0096	06/26/08	50781	N	ES-R12-080611
East Site	R16	ES-R16-080605	BENZO(B)FLUORANTHENE	0.0095	06/20/08	50635	Y	ES-R16-080605
East Site	R17	ES-R17-080606	BENZO(B)FLUORANTHENE	0.0095	06/20/08	50635	N	ES-R17-080606
East Site	S5	ES-S05-080521	BENZO(B)FLUORANTHENE	0.0880	06/05/08	50282	Y	ES-S05-080521
East Site	S6	ES-S06-080521	BENZO(B)FLUORANTHENE	0.0230	06/05/08	50282	Y	ES-S06-080521
East Site	S7	ES-S07-080521	BENZO(B)FLUORANTHENE	0.0095	06/05/08	50282	N	ES-S07-080521
East Site	S8	ES-S08-080522	BENZO(B)FLUORANTHENE	0.0570	06/04/08	50262	Y	ES-S08-080522
East Site	S9	ES-S09-080522	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-S09-080522
East Site	S10	ES-S10-080523	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-S10-080523
East Site	S11	ES-S11-080528	BENZO(B)FLUORANTHENE	0.0096	06/05/08	50262	N	ES-S11-080528
East Site	S12	ES-S12-080609	BENZO(B)FLUORANTHENE	0.0096	06/28/08	50807	N	ES-S12-080609
East Site	S13	ES-S13-080610	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	ES-S13-080610
East Site	S17	ES-S17-080606	BENZO(B)FLUORANTHENE	0.0110	06/20/08	50635	Y	ES-S17-080606
East Site	S18	ES-S18-080606	BENZO(B)FLUORANTHENE	0.0095	06/20/08	50635	N	ES-S18-080606
East Site	T7	ES-T07-080612	BENZO(B)FLUORANTHENE	0.0095	06/26/08	50781	N	ES-T07-080612
East Site	T8	ES-T08-080522	BENZO(B)FLUORANTHENE	0.0095	06/04/08	50262	N	ES-T08-080522
East Site	T8	ES-T08-080522	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	DUP-13
East Site	T9	ES-T09-080522	BENZO(B)FLUORANTHENE	0.0230	06/04/08	50262	Y	ES-T09-080522
East Site	T10	ES-T10-080523	BENZO(B)FLUORANTHENE	0.0480	06/04/08	50262	Y	ES-T10-080523
East Site	T10	ES-T10-080523	BENZO(B)FLUORANTHENE	0.0610	07/09/08	51046	Y	DUP-14
East Site	T11	ES-T11-080530	BENZO(B)FLUORANTHENE	0.0096	06/23/08	50534	N	ES-T11-080530
East Site	T11	ES-T11-080530	BENZO(B)FLUORANTHENE	0.0095	07/25/08	51406	N	ES-T11-080530
East Site	T12	ES-T12-080609	BENZO(B)FLUORANTHENE	0.0096	06/28/08	50807	N	ES-T12-080609
East Site	T13	ES-T13-080609	BENZO(B)FLUORANTHENE	0.0096	06/28/08	50807	N	ES-T13-080609
East Site	T14	ES-T14-080610	BENZO(B)FLUORANTHENE	0.0096	06/28/08	50807	N	ES-T14-080610
East Site	U10	ES-U10-080523	BENZO(B)FLUORANTHENE	0.0160	06/04/08	50262	Y	ES-U10-080523
East Site	U11	ES-U11-080602	BENZO(B)FLUORANTHENE	0.0420	06/20/08	50635	Y	ES-U11-080602
East Site	U13	ES-U13-080610	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	ES-U13-080610
East Site	U14	ES-U14-080610	BENZO(B)FLUORANTHENE	0.0095	06/28/08	50807	N	ES-U14-080610
East Site	V11	ES-V11-080529	BENZO(B)FLUORANTHENE	0.3000	06/23/08	50534	Y	ES-V11-080529
East Site	V14	ES-V14-080605	BENZO(B)FLUORANTHENE	0.0370	06/20/08	50635	Y	ES-V14-080605
East Site	W12	ES-W12-080527	BENZO(B)FLUORANTHENE	0.1200	06/04/08	50262	Y	ES-W12-080527
West Site	A4	WS-A04-080626	BENZO(B)FLUORANTHENE	0.0096	07/17/08	51151	N	WS-A04-080626
West Site	B2	WS-B02-080502	BENZO(B)FLUORANTHENE	0.0096	05/29/08	49912	N	WS-B02-080502
West Site	B3	WS-B03-080502	BENZO(B)FLUORANTHENE	0.1200	05/20/08	49912	Y	WS-B03-080502
West Site	B4	WS-B04-080626	BENZO(B)FLUORANTHENE	0.0095	07/17/08	51151	N	WS-B04-080626
West Site	B5	WS-B05-080626	BENZO(B)FLUORANTHENE	0.0095	07/17/08	51151	N	WS-B05-080626
West Site	C1	WS-C01-080501	BENZO(B)FLUORANTHENE	0.0740	05/15/08	49841	Y	WS-C01-080501
West Site	C1	WS-C01-080501	BENZO(B)FLUORANTHENE	0.0095	05/30/08	50159	N	DUP-3

BENZO(B)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
West Site	C2	WS-C02-080428	BENZO(B)FLUORANTHENE	0.0095	05/15/08	49841	N	WS-C02-080428
West Site	C3	WS-C03-080620	BENZO(B)FLUORANTHENE	0.0096	07/18/08	51147	N	WS-C03-080620
West Site	C4	WS-C04-080623	BENZO(B)FLUORANTHENE	0.0095	07/21/08	51148	N	WS-C04-080623
West Site	C5	WS-C05-080620	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51046	N	WS-C05-080620
West Site	C6	WS-C06-080624	BENZO(B)FLUORANTHENE	0.0095	07/21/08	51148	N	WS-C06-080624
West Site	D1	WS-D01-080430	BENZO(B)FLUORANTHENE	0.0660	05/15/08	49841	Y	WS-D01-080430
West Site	D2	WS-D02-080429	BENZO(B)FLUORANTHENE	0.0096	05/15/08	49841	N	WS-D02-080429
West Site	D2	WS-D02-080429	BENZO(B)FLUORANTHENE	0.0095	05/15/08	49841	N	DUP-2
West Site	D3	WS-D03-080620	BENZO(B)FLUORANTHENE	0.0250	07/18/08	51147	Y	WS-D03-080620
West Site	D4	WS-D04-080623	BENZO(B)FLUORANTHENE	0.2700	07/17/08	51151	Y	WS-D04-080623
West Site	D5	WS-D05-080620	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-D05-080620
West Site	D6	WS-D06-080619	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-D06-080619
West Site	D7	WS-D07-080619	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-D07-080619
West Site	E1	WS-E01-080430	BENZO(B)FLUORANTHENE	0.0530	05/15/08	49841	Y	WS-E01-080430
West Site	E2	WS-E02-080428	BENZO(B)FLUORANTHENE	0.0440	05/15/08	49841	Y	DUP-1
West Site	E2	WS-E02-080428	BENZO(B)FLUORANTHENE	0.0096	05/15/08	49841	N	WS-E02-080428
West Site	E3	WS-E03-080619	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-E03-080619
West Site	E4	WS-E04-080613	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51044	N	WS-E04-080613
West Site	E5	WS-E05-080613	BENZO(B)FLUORANTHENE	0.0260	06/26/08	50781	Y	WS-E05-080613
West Site	E6	WS-E06-080613	BENZO(B)FLUORANTHENE	0.0095	07/17/08	51151	N	WS-E06-080613
West Site	E7	WS-E07-080613	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51044	N	WS-E07-080613
West Site	E8	WS-E08-080616	BENZO(B)FLUORANTHENE	0.0560	07/09/08	51044	Y	WS-E08-080616
West Site	F1	WS-F01-080429	BENZO(B)FLUORANTHENE	0.0680	05/15/08	49841	Y	WS-F01-080429
West Site	F2	WS-F02-080429	BENZO(B)FLUORANTHENE	0.0490	05/15/08	49841	Y	WS-F02-080429
West Site	F3	WS-F03-080619	BENZO(B)FLUORANTHENE	0.0220	07/18/08	51147	Y	WS-F03-080619
West Site	F4	WS-F04-080616	BENZO(B)FLUORANTHENE	0.0220	07/09/08	51044	Y	WS-F04-080616
West Site	F5	WS-F05-080612	BENZO(B)FLUORANTHENE	0.1400	07/09/08	51044	Y	WS-F05-080612
West Site	F6	WS-F06-080612	BENZO(B)FLUORANTHENE	0.0096	07/09/08	51044	N	WS-F06-080612
West Site	F7	WS-F07-080617	BENZO(B)FLUORANTHENE	0.0270	07/09/08	51044	Y	WS-F07-080617
West Site	F8	WS-F08-080618	BENZO(B)FLUORANTHENE	0.0950	07/18/08	51147	Y	WS-F08-080618
West Site	G1	WS-G01-080501	BENZO(B)FLUORANTHENE	0.0590	05/15/08	49841	Y	WS-G01-080501
West Site	G1	WS-G01-080501	BENZO(B)FLUORANTHENE	0.0072	05/30/08	50159	N	DUP-4
West Site	G2	WS-G02-080618	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-G02-080618
West Site	G3	WS-G03-080619	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-G03-080619
West Site	G4	WS-G04-080616	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51044	N	WS-G04-080616
West Site	G5	WS-G05-080613	BENZO(B)FLUORANTHENE	0.0930	06/26/08	50781	Y	WS-G05-080613
West Site	G6	WS-G06-080616	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51044	N	WS-G06-080616
West Site	G7	WS-G07-080617	BENZO(B)FLUORANTHENE	0.1500	07/09/08	51044	Y	WS-G07-080617
West Site	H1	WS-H01-080501	BENZO(B)FLUORANTHENE	0.0860	05/20/08	49912	Y	WS-H01-080501
West Site	H2	WS-H02-080618	BENZO(B)FLUORANTHENE	0.0190	07/18/08	51147	Y	WS-H02-080618
West Site	H3	WS-H03-080619	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-H03-080619
West Site	H4	WS-H04-080616	BENZO(B)FLUORANTHENE	0.0095	07/09/08	51044	N	WS-H04-080616
West Site	H5	WS-H05-080613	BENZO(B)FLUORANTHENE	0.0280	07/09/08	51044	Y	WS-H05-080613
West Site	H6	WS-H06-080617	BENZO(B)FLUORANTHENE	0.0300	07/09/08	51044	Y	WS-H06-080617

BENZO(B)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	I1	WS-I01-080501	BENZO(B)FLUORANTHENE	0.0920	05/29/08	49912	Y	WS-I01-080501
West Site	I1	WS-I01-080501	BENZO(B)FLUORANTHENE	0.0099	05/30/08	50159	N	DUP-5
West Site	I2	WS-I02-080618	BENZO(B)FLUORANTHENE	0.0095	07/18/08	51147	N	WS-I02-080618
West Site	I3	WS-I03-080618	BENZO(B)FLUORANTHENE	0.0094	07/18/08	51147	N	WS-I03-080618
West Site	I4	WS-I04-080617	BENZO(B)FLUORANTHENE	0.0120	07/09/08	51044	Y	WS-I04-080617
West Site	I5	WS-I05-080617	BENZO(B)FLUORANTHENE	0.0800	07/09/08	51044	Y	WS-I05-080617
West Site	I6	WS-I06-080617	BENZO(B)FLUORANTHENE	0.1100	07/09/08	51044	Y	WS-I06-080617
West Site	J1	WS-J01-080505	BENZO(B)FLUORANTHENE	0.2000	05/29/08	49912	Y	WS-J01-080505
West Site	J1	WS-J01-080505	BENZO(B)FLUORANTHENE	0.2300	06/05/08	50282	Y	DUP-6
West Site	J2	WS-J02-080624	BENZO(B)FLUORANTHENE	0.0095	07/21/08	51148	N	WS-J02-080624
West Site	J3	WS-J03-080620	BENZO(B)FLUORANTHENE	0.0730	07/09/08	51046	Y	WS-J03-080620
West Site	J4	WS-J04-080617	BENZO(B)FLUORANTHENE	0.0800	07/09/08	51044	Y	WS-J04-080617
West Site	J5	WS-J05-080618	BENZO(B)FLUORANTHENE	0.1800	07/18/08	51147	Y	WS-J05-080618
West Site	K1	WS-K01-080505	BENZO(B)FLUORANTHENE	0.1400	05/28/08	49912	Y	WS-K01-080505
West Site	K2	WS-K02-080509	BENZO(B)FLUORANTHENE	0.0460	06/02/08	50169	Y	WS-K02-080509
West Site	K3	WS-K03-080509	BENZO(B)FLUORANTHENE	0.1300	06/02/08	50169	Y	WS-K03-080509
West Site	K4	WS-K04-080513	BENZO(B)FLUORANTHENE	0.0330	06/02/08	50169	Y	WS-K04-080513
West Site	K4	WS-K04-080513	BENZO(B)FLUORANTHENE	0.0310	06/23/08	50534	Y	DUP-10
West Site	K4	WS-K04-080513	BENZO(B)FLUORANTHENE	0.0490	07/25/08	51406	Y	WS-K04-080513
West Site	K5	WS-K05-080509	BENZO(B)FLUORANTHENE	0.0096	05/30/08	50159	N	WS-K05-080509
West Site	L1	WS-L01-080505	BENZO(B)FLUORANTHENE	0.1000	05/28/08	49912	Y	WS-L01-080505
West Site	L2	WS-L02-080508	BENZO(B)FLUORANTHENE	0.0680	05/20/08	49912	Y	WS-L02-080508
West Site	L3	WS-L03-080508	BENZO(B)FLUORANTHENE	0.1400	05/20/08	49912	Y	WS-L03-080508
West Site	L4	WS-L04-080508	BENZO(B)FLUORANTHENE	0.0480	05/20/08	49912	Y	WS-L04-080508
West Site	L4	WS-L04-080508	BENZO(B)FLUORANTHENE	0.0440	06/05/08	50282	Y	DUP-9
West Site	M1	WS-M01-080505	BENZO(B)FLUORANTHENE	0.0930	05/29/08	49912	Y	WS-M01-080505
West Site	M1	WS-M01-080505	BENZO(B)FLUORANTHENE	0.0990	05/30/08	50159	Y	DUP-7
West Site	M2	WS-M02-080507	BENZO(B)FLUORANTHENE	0.1400	05/29/08	49912	Y	WS-M02-080507
West Site	M3	WS-M03-080507	BENZO(B)FLUORANTHENE	1.8000	05/29/08	49912	Y	WS-M03-080507
West Site	M3	WS-M03-080507	BENZO(B)FLUORANTHENE	2.2000	06/05/08	50262	Y	DUP-8
West Site	M3	WS-M03-091217	BENZO(B)FLUORANTHENE	0.0070	01/05/10	64004	N	WS-M03-091217
West Site	M4	WS-M04-080507	BENZO(B)FLUORANTHENE	4.2000	06/04/08	49912	Y	WS-M04-080507
West Site	M4	WS-M04-091218	BENZO(B)FLUORANTHENE	0.0070	01/05/10	64004	N	WS-M04-091218
West Site	M4	WS-M04-091218	BENZO(B)FLUORANTHENE	0.0070	01/08/10	64060	N	DUP-44
West Site	N1	WS-N01-080506	BENZO(B)FLUORANTHENE	0.1100	05/29/08	49912	Y	WS-N01-080506
West Site	N2	WS-N02-080506	BENZO(B)FLUORANTHENE	0.1100	05/20/08	49912	Y	WS-N02-080506
West Site	N3	WS-N03-080507	BENZO(B)FLUORANTHENE	0.2500	05/20/08	49912	Y	WS-N03-080507
West Site	O1	WS-O01-080506	BENZO(B)FLUORANTHENE	0.0730	05/28/08	49912	Y	WS-O01-080506
West Site	O2	WS-O02-080506	BENZO(B)FLUORANTHENE	0.2000	05/29/08	49912	Y	WS-O02-080506

Table Benzo(k)fluoranthene-1: Benzo(k)fluoranthene Data Quality Summary			
Laboratory Performance Criteria	Criteria	Measured	Comment
Minimum LCS Recovery	greater than 50%	70%	
Minimum Matrix Spike Recovery	greater than 35%	68%	
Minimum Surrogate Recovery	greater than 50%	18%	Terphenyl-D14
Average LCS Recovery	N/A	85%	
Average Matrix Spike Recovery	N/A	81%	
Average Surrogate Recovery	N/A	78%	Terphenyl-D14
Maximum MSD RPD	less than 35%	26%	
Average MSD RPD	N/A	9%	
Measurement Quality Objectives	Critera	Measured	
NPS CRM	Recovery greater than 0.451	Minimum Recovery =	0.810 mg/kg
EQIS CRM	Recovery greater than 0.890	Minimum Recovery =	0.790 mg/kg
CVS Split Analysis RPD	RPD less than 35%	Maximum RPD =	161 %
CRM Split Analysis RPD	RPD less than 35%	Maximum RPD =	40 %
Overall QC Indicator Measurements	Criteria	Measured	
NPS CRM "Made to" (Bias measure)	N/A	Average Recovery =	103.5 %
NPS Replicate Test (Precision measure)	None		
Data Quality Relative to Remediation Goals			
Tier 1 Remediation Goal	0.55	mg/kg	
Tier 2 Remediation Goal	None		
QC Derived Reliance Level	0.54	mg/kg See Note 1	

Comments: Surrogate recovery and LCS recovery are generally low, indicating a bias favoring low measurements. Intermittently very low values occur, with the lowest recorded recovery being 18%. Low minimum and low average matrix spike recoveries (68% and 85% respectively) indicate a bias towards low measurements. Maximum CRM split analyses RPD (40%) and a maximum CVS split analysis RPD (161%) indicate imprecision. Recovery of the NPS CRM (103%) indicates a slight high bias, however, the data set is relatively small. The derived reliance level (0.54 mg/kg) is less than the RG (0.55 mg/kg), due primarily to measurement imprecision. Evaluation of individual data points reveals that the less reliable benzo(k)fluoranthene CVS results were superseded because they pertain to grids that underwent subsequent excavation and CVS that produced acceptable results. Thus, it is concluded that all benzo(k)fluoranthene CVS results that are necessary for the RG achievement decision in each grid were below the derived reliance level and it is concluded that benzo(k)fluoranthene CVS measurements that are necessary to the evaluation of RG achievement are of acceptable quality and may be used to determine RG achievement.

Note 1:The standard deviation of NPS CRM split analyses (0.171 mg/kg) is used to represent measurement imprecision near the RG and is used with an estimate of bias from NPS CRMs (average recovery = 103.5%) to calculate the derived reliance level (0.54 mg/kg). Derived reliance level is calculated as:
(Tier 1 RG)(1.2)(Average Recovery)-(0.84)(Standard deviation) = (0.55)(1.2)(1.035)-(0.84)(0.171) =0.54 mg/kg

Table Benzo(k)fluoranthene-2: Benzo(k)fluoranthene - NPS CRMs

Blind NPS CRM Results

Sample	Result	Analysis Date	Batch	Detect
BOR Sample 1-BOR 70	1.1	6/2/08	50169	Y
BO 50,55,58,72	0.82	6/23/08	50534	Y
BOR 102-96-99-105	0.81	7/9/08	51046	Y
BOR 103,97,100,106	1	7/21/08	51148	Y
BOR 104	1.2	7/21/08	51148	Y

CRMs		Vendor Supplied Information
Mean	0.986	*Made to*
Median	1.000	*0.953 mg/kg*
Standard Deviation	0.171	
Sample Variance	0.029	*Upper Acceptance Limit*
Kurtosis	-2.229	*1.12 mg/kg*
Skewness	0.104	
Range	0.390	*Lower Acceptance Limit*
Minimum	0.810	*0.451 mg/kg*
Maximum	1.200	
Sum	4.930	
Count	5.000	
Largest(2)	1.100	
Smallest(2)	0.820	

Table Benzo(k)fluoranthene-3: Benzo(k)fluoranthene NPS and EQIS Duplicates

Sample	Result	Analysis Date	Batch	Split	Result	Analysis Date	RPD
BOR 501	0.0080	6/4/08	50262	WS-L04-080508	0.0082	6/5/2008	
BOR 500	0.0080	6/11/08	50403	WS-F01-080429	0.0081	5/15/2008	
BOR 505	0.0390	6/23/08	50534	WS-K03-080509	0.0081	6/2/2008	131
BOR 504	0.0080	6/26/08	50781	ES-M05-080527	0.0081	6/4/2008	
BOR 506	0.0080	6/26/08	50781	ES-S10-080523	0.0081	6/4/2008	
BOR 502	0.1000	7/21/08	51148	WS-F05-080612	0.0710	7/9/2008	34
BOR 507	0.0080	7/21/08	51148	ES-O09-080610	0.0082	6/28/2008	
BOR 508	0.0080	7/21/08	51148	ES-Q11-080606	0.0082	6/20/2008	
BOR 509	0.0080	7/21/08	51148	WS-E06-080613	0.0082	7/17/2008	
BOR 510	0.0080	7/21/08	51148	OU-8HR-080605	0.0082	6/20/2008	
DUP-1	0.0082	5/15/08	49841	WS-E02-080428	0.0082	5/15/2008	
DUP-2	0.0082	5/15/08	49841	WS-D02-080429	0.0082	5/15/2008	
DUP-3	0.0081	5/30/08	50159	WS-C01-080501	0.0081	5/15/2008	
DUP-4	0.0061	5/30/08	50159	WS-G01-080501	0.0360	5/15/2008	142
DUP-5	0.0085	5/30/08	50159	WS-I01-080501	0.0085	5/29/2008	
DUP-7	0.0083	5/30/08	50159	WS-M01-080505	0.0400	5/29/2008	131
DUP-8	0.6300	6/5/08	50262	WS-M03-080507	0.5200	5/29/2008	19
DUP-6	0.0082	6/5/08	50282	WS-J01-080505	0.0750	5/29/2008	161
DUP-9	0.0082	6/5/08	50282	WS-L04-080508	0.0082	6/5/2008	
DUP-11	0.0081	6/20/08	50635	ES-J03-080513	0.0081	6/2/2008	
DUP-10	0.0120	6/23/08	50534	WS-K04-080513	0.0081	6/2/2008	39
DUP-15	0.0082	6/26/08	50781	ES-J02-080527	0.0082	6/4/2008	
DUP-12	0.0082	6/28/08	50807	ES-P06-080515	0.0081	6/2/2008	
DUP-13	0.0081	6/28/08	50807	ES-T08-080522	0.0081	6/4/2008	
DUP-14	0.0230	7/9/08	51046	ES-T10-080523	0.0260	6/4/2008	12
DUP-16	0.0082	7/18/08	51147	ES-P04-080528	0.0082	6/5/2008	
DUP-18	0.0082	7/21/08	51148	ES-J04-080530	0.0082	6/23/2008	
DUP-19	0.0060	7/21/08	51148	ES-K05-080605	0.0140	6/20/2008	80
DUP-17	0.0082	7/25/08	51406	ES-F01-080529	0.0081	6/23/2008	
DUP-44	0.0060	1/8/10	64060	WS-M04-091218	0.0060	1/5/2010	0

▭ Below reporting limit. Reporting limit shown.

RPD of Sample Splits	
Mean	74.919
Median	59.403
Standard Deviation	61.328
Sample Variance	3761.169
Kurtosis	-1.942
Skewness	0.200
Range	160.577
Minimum	0.000
Maximum	160.577
Sum	749.192
Count	10.000
Largest(2)	142.043
Smallest(2)	12.245

Table Benzo(k)fluoranthene-4: Benzo(k)fluoranthene EQIS CRMs

Results of Duplicate Analysis of EQIS CRMs

Sample	Result	Date	Batch	Detect	Average	RPD
WS-Z01-080430	1.5	5/20/08	49912	Y		
ES-Z05-080519	1.3	5/30/08	50159	Y	1.40	14
ES-Z06-080520	1.2	5/30/08	50159	Y		
ES-Z07-080522	1.2	5/30/08	50159	Y	1.20	0
ES-Z08-080527	1.3	6/5/08	50262	Y		
ES-Z09-080529	1.2	6/5/08	50282	Y	1.25	8
ES-Z11-080605	1.2	6/20/08	50635	Y		
ES-Z10-080602	1.1	6/23/08	50534	Y	1.15	9
ES-Z14-080611 A	1.1	6/26/08	50781	Y		
ES-Z14-080611 B	1.1	6/26/08	50781	Y	1.10	0
WS-Z15-080613 A	1.2	6/26/08	50781	Y		
WS-Z15-080613 B	1.2	6/26/08	50781	Y	1.20	0
ES-Z12-080606-A	1.1	6/28/08	50807	Y		
ES-Z12-080606-B	1.1	6/28/08	50807	Y	1.10	0
ES-Z13-080610 A	1.1	6/28/08	50807	Y		
ES-Z13-080610 B	1	6/28/08	50807	Y	1.05	10
ES-Z11-080605 B	1.1	7/9/08	51044	Y		
WS-Z16-080617-A	1.1	7/9/08	51044	Y	1.10	0
WS-Z16-080617-B	1.2	7/9/08	51044	Y		
WS-Z18-080620 A	1.2	7/9/08	51046	Y	1.20	0
WS-Z18-080620 B	1	7/9/08	51046	Y		
ES-Z05-080519 B	1.5	7/17/08	50786	Y	1.25	40
ES-Z06-080520 B	1.5	7/17/08	50786	Y		
ES-Z08-080527 B	1.5	7/17/08	50786	Y	1.50	0
ES-Z09-080529 B	1.5	7/17/08	50786	Y		
ES-Z10-080602 B	1.5	7/17/08	50786	Y	1.50	0
WS-Z01-080430 B	1.5	7/17/08	50786	Y		
WS-Z17-080618 A	1.5	7/18/08	51147	Y	1.50	0
ES-Z19-080624 A	1.1	7/21/08	51148	Y		
ES-Z19-080624 B	1.1	7/21/08	51148	Y	1.10	0
ES-Z07-080522 B	1.6	7/25/08	51406	Y		
WS-Z17-080618 B	1.5	7/25/08	51406	Y	1.55	6
WS-Z29-091217A	0.79	1/5/10	64004	Y		
WS-Z29-091217B	0.81	1/5/10	64004	Y	0.80	3

Analysis of EQIS CRMs	
Mean	1.232
Median	1.200
Standard Deviation	0.210
Sample Variance	0.044
Kurtosis	-0.608
Skewness	0.043
Range	0.810
Minimum	0.790
Maximum	1.600
Sum	41.900
Count	34.000
Largest(2)	1.500
Smallest(2)	0.810

RPD of EQIS CRMs	
Mean	5.262
Median	0.000
Standard Deviation	10.036
Sample Variance	100.721
Kurtosis	9.549
Skewness	2.895
Range	40.000
Minimum	0.000
Maximum	40.000
Sum	89.457
Count	17.000
Largest(2)	14.286
Smallest(2)	0.000

Table Benzo(k)fluoranthene-5: Benzo(k)fluoranthene Laboratory MS amd LCS

Matrix Spike Recovery %	Batch	Order
80	49841	2
76	49912	3
79	50159	4
68	50169	5
100	50262	6
72	50282	7
77	50403	8
87	50635	9
89	50534	10
75	50781	11
73	50807	12
71	51044	13
76	51046	14
99	51151	16
92	51147	17
91	51148	18
82	51406	19
84	56623	25
73	64004	26
93	64060	27
69	70158	28

LCS Recovery %	Batch	Order
95	49841	2
80	49912	3
81	50159	4
84	50169	5
86	50262	6
80	50282	7
82	50403	8
86	50635	9
83	50534	10
86	50781	11
76	50807	12
82	51044	13
72	51046	14
92	50786	15
92	51151	16
90	51147	17
94	51148	18
96	51406	19
78	56623	25
90	64004	26
94	64060	27
70	70158	28

Average MS Recovery = 81 %   Average LCS Recovery = 85 %

Minimum MS Recovery = 68 %   Minimum LCS Recovery = 70 %

Table Benzo(k)fluoranthene-5: Benzo(k)fluoranthene Laboratory MS amd LCS (Graph)

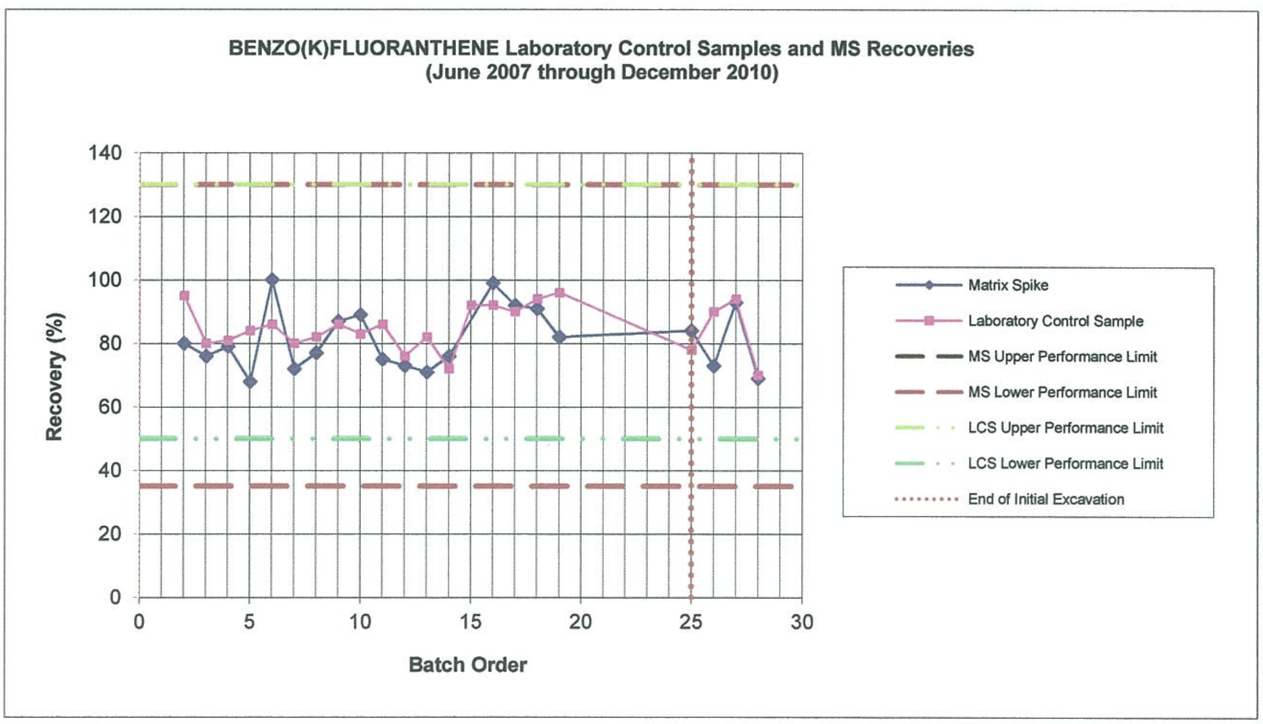


Table Benzo(k)fluoranthene-6: Benzo(k)fluoranthene - Laboratory MSD				
Sample	Date	RPD	Batch	Order
WS-F02-080429MSD	5/15/08	26	49841	2
WS-N03-080507MSD	5/23/08	1	49912	3
WS-K05-080509MSD	5/30/08	10	50159	4
WS-K02-080509MSD	6/2/08	22	50169	5
BOR 52, 54, 57, 71MSD	6/4/08	11	50262	6
ES-S07-080521MSD	6/5/08	10	50282	7
BOR 500MSD	6/11/08	3	50403	8
ES-K02-080602MSD	6/20/08	7	50635	9
ES-V11-080529MSD	6/23/08	22	50534	10
ES-N09-080610MSD	6/26/08	8	50781	11
ES-L06-080605MSD	6/28/08	0	50807	12
WS-E04-080613MSD	7/9/08	5	51044	13
WS-C05-080620MSD	7/9/08	11	51046	14
WS-D04-080623MSD	7/17/08	2	51151	16
WS-I02-080618MSD	7/18/08	10	51147	17
ES-C01-080624MSD	7/21/08	4	51148	18
WS-K04-080513MSD	7/25/08	6	51406	19
ES-J03-090323MSD	4/3/09	5	56623	25
WS-M04-091218MSD	1/5/10	12	64004	26
DUP-44MSD	1/8/10	1	64060	27
ES-SB3-100901MSD	9/17/10	9	70158	28

Average MSD RPD = 9 %
Maximum MSD RPD = 26 %

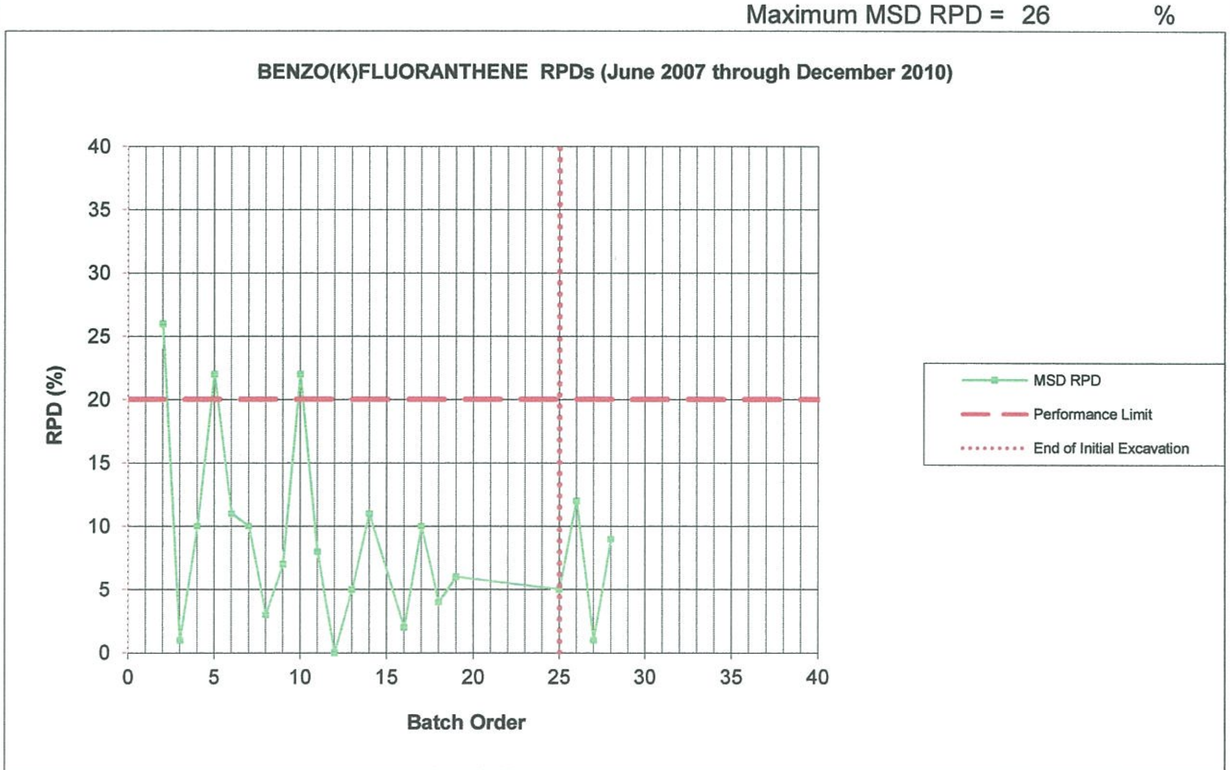


Table Benzo(k)fluoranthene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries

Sample	Recovery	Date	Batch	Order
WS-K04-080513	44	39601	50169	76
ES-R06-080521	43	39604	50282	113
ES-Q05-080520	51	39604	50282	124
ES-P07-080519	40	39610	50403	135
ES-Q10-D0	36	39882	56175	360
ES-P10-B1	52	39883	56192	373
ES-P10-C1	47	39883	56192	379
ES-R09-A1	18	39884	56245	389
ES-T09-B1	18	39889	56337	407
ES-N06-C0	48	39889	56337	416

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	78
Median	77
Mode	73
Standard Deviation	13
Minimum	18

Table Benzo(k)fluoranthene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries (Graph)

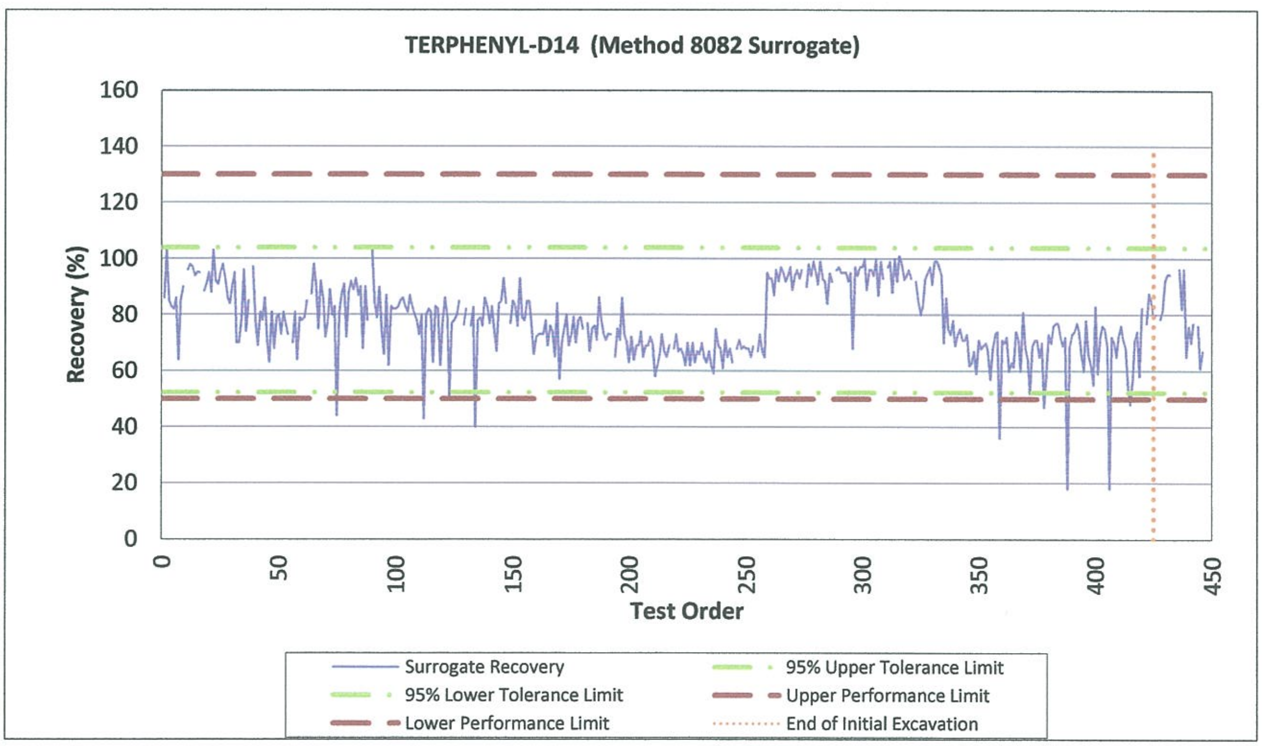


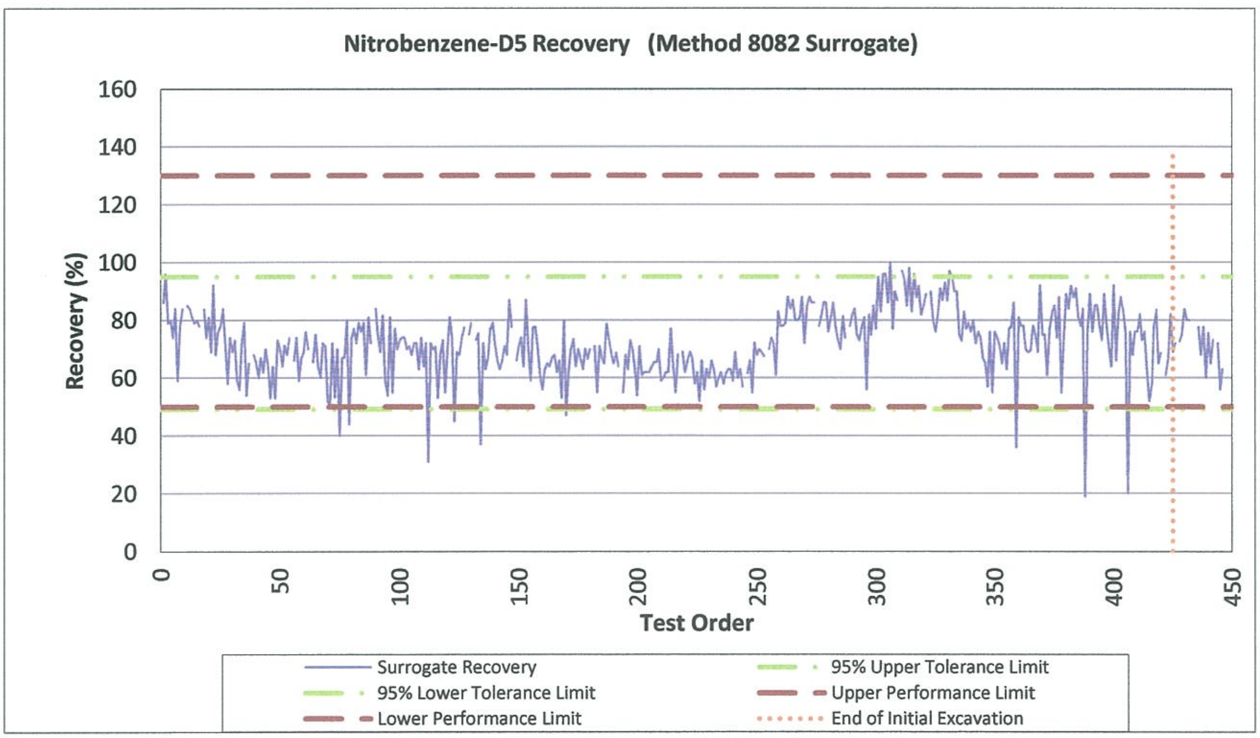
Table Benzo(k)fluoranthene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries

Sample	Recovery	Date	Batch	Order
ES-R09-A1	19	39884	56245	11
ES-T09-B1	20	39889	56337	18
ES-R06-080521	31	39604	50282	39
ES-Q10-D0	36	39882	56175	56
ES-P07-080519	37	39610	50403	64
WS-K04-080513	40	39601	50169	90
ES-N04-080519	44	39601	50169	129
ES-Q05-080520	45	39604	50282	132
ES-T11-080530	47	39622	50534	149
WS-J02-080624	95	39650	51148	182
ES-E02-080611	95	39654	51406	194
A7E080000081B	96	39212	7128081	219
ES-C01-080624	96	39650	51148	246
WS-C04-080623	96	39650	51148	255
ES-A01-080623	96	39650	51148	276
BOR 508	97	39650	51148	289
ES-Z07-080522 B	97	39654	51406	311
DUP-18	98	39650	51148	323
577697	100	39650	51148	422

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	72
Median	72
Mode	70
Standard Deviation	11
Minimum	19

Table Benzo(k)fluoranthene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries (Graph)



BENZO(K)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	A1	ES-A01-080623	BENZO(K)FLUORANTHENE	0.0082	07/21/08	51148	N	ES-A01-080623
East Site	B1	ES-B01-080623	BENZO(K)FLUORANTHENE	0.1000	07/21/08	51148	Y	ES-B01-080623
East Site	C1	ES-C01-080624	BENZO(K)FLUORANTHENE	0.0082	07/21/08	51148	N	ES-C01-080624
East Site	D1	ES-D01-080624	BENZO(K)FLUORANTHENE	0.0082	07/21/08	51148	N	ES-D01-080624
East Site	E1	ES-E01-080528	BENZO(K)FLUORANTHENE	0.0081	06/05/08	50282	N	ES-E01-080528
East Site	E2	ES-E02-080611	BENZO(K)FLUORANTHENE	0.0081	07/25/08	51406	N	ES-E02-080611
East Site	F1	ES-F01-080529	BENZO(K)FLUORANTHENE	0.0081	06/23/08	50534	N	ES-F01-080529
East Site	F1	ES-F01-080529	BENZO(K)FLUORANTHENE	0.0082	07/25/08	51406	N	DUP-17
East Site	G1	ES-G01-080529	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-G01-080529
East Site	G2	ES-G02-080605	BENZO(K)FLUORANTHENE	0.0150	06/20/08	50635	Y	ES-G02-080605
East Site	H1	ES-H01-080528	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-H01-080528
East Site	H2	ES-H02-080515	BENZO(K)FLUORANTHENE	0.0082	06/02/08	50169	N	ES-H02-080515
East Site	H3	ES-H03-080605	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-H03-080605
East Site	I1	ES-I01-080529	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-I01-080529
East Site	I2	ES-I02-080514	BENZO(K)FLUORANTHENE	0.0082	06/02/08	50169	N	ES-I02-080514
East Site	I3	ES-I03-080513	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	ES-I03-080513
East Site	I4	ES-I04-080602	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-I04-080602
East Site	J1	ES-J01-080529	BENZO(K)FLUORANTHENE	0.0180	06/23/08	50534	Y	ES-J01-080529
East Site	J2	ES-J02-080527	BENZO(K)FLUORANTHENE	0.0082	06/04/08	50262	N	ES-J02-080527
East Site	J2	ES-J02-080527	BENZO(K)FLUORANTHENE	0.0082	06/26/08	50781	N	DUP-15
East Site	J3	ES-J03-080513	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	ES-J03-080513
East Site	J3	ES-J03-080513	BENZO(K)FLUORANTHENE	0.0081	06/20/08	50635	N	DUP-11
East Site	J3	ES-J03-090323	BENZO(K)FLUORANTHENE	0.0120	04/03/09	56623	Y	ES-J03-090323
East Site	J4	ES-J04-080530	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-J04-080530
East Site	J4	ES-J04-080530	BENZO(K)FLUORANTHENE	0.0082	07/21/08	51148	N	DUP-18
East Site	J5	ES-J05-080602	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-J05-080602
East Site	K1	ES-K01-080602	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-K01-080602
East Site	K2	ES-K02-080602	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-K02-080602
East Site	K3	ES-K03-080514	BENZO(K)FLUORANTHENE	0.0270	06/02/08	50169	Y	ES-K03-080514
East Site	K4	ES-K04-080527	BENZO(K)FLUORANTHENE	0.0082	06/04/08	50262	N	ES-K04-080527
East Site	K5	ES-K05-080605	BENZO(K)FLUORANTHENE	0.0140	06/20/08	50635	Y	ES-K05-080605
East Site	K5	ES-K05-080605	BENZO(K)FLUORANTHENE	0.0060	07/21/08	51148	N	DUP-19
East Site	K7	ES-K07-080611	BENZO(K)FLUORANTHENE	0.1300	06/26/08	50781	Y	ES-K07-080611
East Site	L1	ES-L01-080625	BENZO(K)FLUORANTHENE	0.0081	07/17/08	51151	N	ES-L01-080625
East Site	L2	ES-L02-080625	BENZO(K)FLUORANTHENE	0.0082	07/17/08	51151	N	ES-L02-080625
East Site	L3	ES-L03-080604	BENZO(K)FLUORANTHENE	0.0560	06/20/08	50635	Y	ES-L03-080604
East Site	L4	ES-L04-080604	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-L04-080604
East Site	L5	ES-L05-080620	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	ES-L05-080620
East Site	L6	ES-L06-080605	BENZO(K)FLUORANTHENE	0.0081	06/28/08	50807	N	ES-L06-080605
East Site	M1	ES-M01-080527	BENZO(K)FLUORANTHENE	0.0082	06/04/08	50262	N	ES-M01-080527
East Site	M2	ES-M02-080519	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-M02-080519
East Site	M3	ES-M03-080519	BENZO(K)FLUORANTHENE	0.0082	06/03/08	50169	N	ES-M03-080519
East Site	M4	ES-M04-080515	BENZO(K)FLUORANTHENE	0.0082	06/02/08	50169	N	ES-M04-080515
East Site	M5	ES-M05-080527	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-M05-080527
East Site	M6	ES-M06-080520	BENZO(K)FLUORANTHENE	0.0081	06/05/08	50282	N	ES-M06-080520
East Site	M7	ES-M07-080612	BENZO(K)FLUORANTHENE	0.0082	07/09/08	51046	N	ES-M07-080612

BENZO(K)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	M8	ES-M08-080610	BENZO(K)FLUORANTHENE	0.1200	06/28/08	50807	Y	ES-M08-080610
East Site	M9	ES-M09-080611	BENZO(K)FLUORANTHENE	0.0082	06/26/08	50781	Y	ES-M09-080611
East Site	N2	ES-N02-080528	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50262	N	ES-N02-080528
East Site	N3	ES-N03-080520	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-N03-080520
East Site	N4	ES-N04-080519	BENZO(K)FLUORANTHENE	0.0082	06/02/08	50169	N	ES-N04-080519
East Site	N4	ES-N04-080519	BENZO(K)FLUORANTHENE	0.0082	07/25/08	51406	N	ES-N04-080519
East Site	N5	ES-N05-080519	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	ES-N05-080519
East Site	N6	ES-N06-080527	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-N06-080527
East Site	N7	ES-N07-080530	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-N07-080530
East Site	N8	ES-N08-080610	BENZO(K)FLUORANTHENE	0.0083	06/28/08	50807	N	ES-N08-080610
East Site	N9	ES-N09-080610	BENZO(K)FLUORANTHENE	0.0083	06/26/08	50781	N	ES-N09-080610
East Site	N10	ES-N10-080610	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-N10-080610
East Site	O3	ES-O03-080528	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50262	N	ES-O03-080528
East Site	O4	ES-O04-080515	BENZO(K)FLUORANTHENE	0.0082	06/02/08	50169	N	ES-O04-080515
East Site	O5	ES-O05-080520	BENZO(K)FLUORANTHENE	0.0120	06/05/08	50282	Y	ES-O05-080520
East Site	O6	ES-O06-080529	BENZO(K)FLUORANTHENE	0.0081	06/23/08	50534	N	ES-O06-080529
East Site	O7	ES-O07-080530	BENZO(K)FLUORANTHENE	0.0081	06/23/08	50534	N	ES-O07-080530
East Site	O8	ES-O08-080530	BENZO(K)FLUORANTHENE	0.0081	06/23/08	50534	N	ES-O08-080530
East Site	O9	ES-O09-080610	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-O09-080610
East Site	O10	ES-O10-080611	BENZO(K)FLUORANTHENE	0.0260	06/26/08	50781	Y	ES-O10-080611
East Site	P4	ES-P04-080528	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-P04-080528
East Site	P4	ES-P04-080528	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	DUP-16
East Site	P5	ES-P05-080513	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	ES-P05-080513
East Site	P6	ES-P06-080515	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	ES-P06-080515
East Site	P6	ES-P06-080515	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	DUP-12
East Site	P7	ES-P07-080519	BENZO(K)FLUORANTHENE	0.0081	06/11/08	50403	N	ES-P07-080519
East Site	P7	ES-P07-080519	BENZO(K)FLUORANTHENE	0.0082	07/25/08	51406	N	ES-P07-080519
East Site	P8	ES-P08-080530	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-P08-080530
East Site	P10	ES-P10-080606	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-P10-080606
East Site	P11	ES-P11-080606	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-P11-080606
East Site	Q5	ES-Q05-080520	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-Q05-080520
East Site	Q5	ES-Q05-080520	BENZO(K)FLUORANTHENE	0.0082	07/25/08	51406	N	ES-Q05-080520
East Site	Q6	ES-Q06-080520	BENZO(K)FLUORANTHENE	0.0081	06/05/08	50282	N	ES-Q06-080520
East Site	Q7	ES-Q07-080519	BENZO(K)FLUORANTHENE	0.0081	06/03/08	50169	N	ES-Q07-080519
East Site	Q8	ES-Q08-080519	BENZO(K)FLUORANTHENE	0.0450	06/03/08	50169	Y	ES-Q08-080519
East Site	Q9	ES-Q09-080612	BENZO(K)FLUORANTHENE	0.0082	06/26/08	50781	N	ES-Q09-080612
East Site	Q10	ES-Q10-080606	BENZO(K)FLUORANTHENE	0.0720	06/20/08	50635	Y	ES-Q10-080606
East Site	Q11	ES-Q11-080606	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-Q11-080606
East Site	Q17	ES-Q17-080609	BENZO(K)FLUORANTHENE	0.0081	06/28/08	50807	N	ES-Q17-080609
East Site	R5	ES-R05-080521	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-R05-080521
East Site	R6	ES-R06-080521	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-R06-080521
East Site	R6	ES-R06-080521	BENZO(K)FLUORANTHENE	0.0081	07/25/08	51406	N	ES-R06-080521
East Site	R7	ES-R07-080521	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-R07-080521
East Site	R8	ES-R08-080519	BENZO(K)FLUORANTHENE	0.0160	06/05/08	50282	Y	ES-R08-080519
East Site	R9	ES-R09-080520	BENZO(K)FLUORANTHENE	0.0082	06/11/08	50403	N	ES-R09-080520
East Site	R10	ES-R10-080602	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-R10-080602

BENZO(K)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	R11	ES-R11-080605	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-R11-080605
East Site	R12	ES-R12-080611	BENZO(K)FLUORANTHENE	0.0082	06/26/08	50781	N	ES-R12-080611
East Site	R16	ES-R16-080605	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-R16-080605
East Site	R17	ES-R17-080606	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-R17-080606
East Site	S5	ES-S05-080521	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-S05-080521
East Site	S6	ES-S06-080521	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-S06-080521
East Site	S7	ES-S07-080521	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	ES-S07-080521
East Site	S8	ES-S08-080522	BENZO(K)FLUORANTHENE	0.0200	06/04/08	50262	Y	ES-S08-080522
East Site	S9	ES-S09-080522	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-S09-080522
East Site	S10	ES-S10-080523	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-S10-080523
East Site	S11	ES-S11-080528	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50262	N	ES-S11-080528
East Site	S12	ES-S12-080609	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-S12-080609
East Site	S13	ES-S13-080610	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-S13-080610
East Site	S17	ES-S17-080606	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-S17-080606
East Site	S18	ES-S18-080606	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-S18-080606
East Site	T7	ES-T07-080612	BENZO(K)FLUORANTHENE	0.0081	06/26/08	50781	N	ES-T07-080612
East Site	T8	ES-T08-080522	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-T08-080522
East Site	T8	ES-T08-080522	BENZO(K)FLUORANTHENE	0.0081	06/28/08	50807	N	DUP-13
East Site	T9	ES-T09-080522	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-T09-080522
East Site	T10	ES-T10-080523	BENZO(K)FLUORANTHENE	0.0260	06/04/08	50262	Y	ES-T10-080523
East Site	T10	ES-T10-080523	BENZO(K)FLUORANTHENE	0.0230	07/09/08	51046	Y	DUP-14
East Site	T11	ES-T11-080530	BENZO(K)FLUORANTHENE	0.0082	06/23/08	50534	N	ES-T11-080530
East Site	T11	ES-T11-080530	BENZO(K)FLUORANTHENE	0.0081	07/25/08	51406	N	ES-T11-080530
East Site	T12	ES-T12-080609	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-T12-080609
East Site	T13	ES-T13-080609	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-T13-080609
East Site	T14	ES-T14-080610	BENZO(K)FLUORANTHENE	0.0082	06/28/08	50807	N	ES-T14-080610
East Site	U10	ES-U10-080523	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-U10-080523
East Site	U11	ES-U11-080602	BENZO(K)FLUORANTHENE	0.0081	06/20/08	50635	N	ES-U11-080602
East Site	U13	ES-U13-080610	BENZO(K)FLUORANTHENE	0.0081	06/28/08	50807	N	ES-U13-080610
East Site	U14	ES-U14-080610	BENZO(K)FLUORANTHENE	0.0081	06/28/08	50807	N	ES-U14-080610
East Site	V11	ES-V11-080529	BENZO(K)FLUORANTHENE	0.1400	06/23/08	50534	Y	ES-V11-080529
East Site	V14	ES-V14-080605	BENZO(K)FLUORANTHENE	0.0082	06/20/08	50635	N	ES-V14-080605
East Site	W12	ES-W12-080527	BENZO(K)FLUORANTHENE	0.0081	06/04/08	50262	N	ES-W12-080527
West Site	A4	WS-A04-080626	BENZO(K)FLUORANTHENE	0.0082	07/17/08	51151	N	WS-A04-080626
West Site	B2	WS-B02-080502	BENZO(K)FLUORANTHENE	0.0083	05/29/08	49912	N	WS-B02-080502
West Site	B3	WS-B03-080502	BENZO(K)FLUORANTHENE	0.0560	05/20/08	49912	Y	WS-B03-080502
West Site	B4	WS-B04-080626	BENZO(K)FLUORANTHENE	0.0081	07/17/08	51151	N	WS-B04-080626
West Site	B5	WS-B05-080626	BENZO(K)FLUORANTHENE	0.0081	07/17/08	51151	N	WS-B05-080626
West Site	C1	WS-C01-080501	BENZO(K)FLUORANTHENE	0.0081	05/15/08	49841	N	WS-C01-080501
West Site	C1	WS-C01-080501	BENZO(K)FLUORANTHENE	0.0081	05/30/08	50159	N	DUP-3
West Site	C2	WS-C02-080428	BENZO(K)FLUORANTHENE	0.0082	05/15/08	49841	N	WS-C02-080428
West Site	C3	WS-C03-080620	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-C03-080620
West Site	C4	WS-C04-080623	BENZO(K)FLUORANTHENE	0.0081	07/21/08	51148	N	WS-C04-080623
West Site	C5	WS-C05-080620	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51046	N	WS-C05-080620
West Site	C6	WS-C06-080624	BENZO(K)FLUORANTHENE	0.0082	07/21/08	51148	N	WS-C06-080624
West Site	D1	WS-D01-080430	BENZO(K)FLUORANTHENE	0.0081	05/15/08	49841	N	WS-D01-080430

BENZO(K)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	D2	WS-D02-080429	BENZO(K)FLUORANTHENE	0.0082	05/15/08	49841	N	WS-D02-080429
West Site	D2	WS-D02-080429	BENZO(K)FLUORANTHENE	0.0082	05/15/08	49841	N	DUP-2
West Site	D3	WS-D03-080620	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-D03-080620
West Site	D4	WS-D04-080623	BENZO(K)FLUORANTHENE	0.1100	07/17/08	51151	Y	WS-D04-080623
West Site	D5	WS-D05-080620	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-D05-080620
West Site	D6	WS-D06-080619	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-D06-080619
West Site	D7	WS-D07-080619	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-D07-080619
West Site	E1	WS-E01-080430	BENZO(K)FLUORANTHENE	0.0082	05/15/08	49841	N	WS-E01-080430
West Site	E2	WS-E02-080428	BENZO(K)FLUORANTHENE	0.0082	05/15/08	49841	N	DUP-1
West Site	E2	WS-E02-080428	BENZO(K)FLUORANTHENE	0.0082	05/15/08	49841	N	WS-E02-080428
West Site	E3	WS-E03-080619	BENZO(K)FLUORANTHENE	0.0081	07/18/08	51147	N	WS-E03-080619
West Site	E4	WS-E04-080613	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-E04-080613
West Site	E5	WS-E05-080613	BENZO(K)FLUORANTHENE	0.0081	06/26/08	50781	N	WS-E05-080613
West Site	E6	WS-E06-080613	BENZO(K)FLUORANTHENE	0.0082	07/17/08	51151	N	WS-E06-080613
West Site	E7	WS-E07-080613	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-E07-080613
West Site	E8	WS-E08-080616	BENZO(K)FLUORANTHENE	0.0220	07/09/08	51044	Y	WS-E08-080616
West Site	F1	WS-F01-080429	BENZO(K)FLUORANTHENE	0.0081	05/15/08	49841	N	WS-F01-080429
West Site	F2	WS-F02-080429	BENZO(K)FLUORANTHENE	0.0081	05/15/08	49841	N	WS-F02-080429
West Site	F3	WS-F03-080619	BENZO(K)FLUORANTHENE	0.0081	07/18/08	51147	N	WS-F03-080619
West Site	F4	WS-F04-080616	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-F04-080616
West Site	F5	WS-F05-080612	BENZO(K)FLUORANTHENE	0.0710	07/09/08	51044	Y	WS-F05-080612
West Site	F6	WS-F06-080612	BENZO(K)FLUORANTHENE	0.0082	07/09/08	51044	N	WS-F06-080612
West Site	F7	WS-F07-080617	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-F07-080617
West Site	F8	WS-F08-080618	BENZO(K)FLUORANTHENE	0.0400	07/18/08	51147	Y	WS-F08-080618
West Site	G1	WS-G01-080501	BENZO(K)FLUORANTHENE	0.0360	05/15/08	49841	Y	WS-G01-080501
West Site	G1	WS-G01-080501	BENZO(K)FLUORANTHENE	0.0061	05/30/08	50159	N	DUP-4
West Site	G2	WS-G02-080618	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-G02-080618
West Site	G3	WS-G03-080619	BENZO(K)FLUORANTHENE	0.0081	07/18/08	51147	N	WS-G03-080619
West Site	G4	WS-G04-080616	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-G04-080616
West Site	G5	WS-G05-080613	BENZO(K)FLUORANTHENE	0.0400	06/26/08	50781	Y	WS-G05-080613
West Site	G6	WS-G06-080616	BENZO(K)FLUORANTHENE	0.0082	07/09/08	51044	N	WS-G06-080616
West Site	G7	WS-G07-080617	BENZO(K)FLUORANTHENE	0.0640	07/09/08	51044	Y	WS-G07-080617
West Site	H1	WS-H01-080501	BENZO(K)FLUORANTHENE	0.0440	05/20/08	49912	Y	WS-H01-080501
West Site	H2	WS-H02-080618	BENZO(K)FLUORANTHENE	0.0082	07/18/08	51147	N	WS-H02-080618
West Site	H3	WS-H03-080619	BENZO(K)FLUORANTHENE	0.0081	07/18/08	51147	N	WS-H03-080619
West Site	H4	WS-H04-080616	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-H04-080616
West Site	H5	WS-H05-080613	BENZO(K)FLUORANTHENE	0.0180	07/09/08	51044	Y	WS-H05-080613
West Site	H6	WS-H06-080617	BENZO(K)FLUORANTHENE	0.0082	07/09/08	51044	N	WS-H06-080617
West Site	I1	WS-I01-080501	BENZO(K)FLUORANTHENE	0.0085	05/29/08	49912	N	WS-I01-080501
West Site	I1	WS-I01-080501	BENZO(K)FLUORANTHENE	0.0085	05/30/08	50159	N	DUP-5
West Site	I2	WS-I02-080618	BENZO(K)FLUORANTHENE	0.0081	07/18/08	51147	N	WS-I02-080618
West Site	I3	WS-I03-080618	BENZO(K)FLUORANTHENE	0.0081	07/18/08	51147	N	WS-I03-080618
West Site	I4	WS-I04-080617	BENZO(K)FLUORANTHENE	0.0081	07/09/08	51044	N	WS-I04-080617
West Site	I5	WS-I05-080617	BENZO(K)FLUORANTHENE	0.0340	07/09/08	51044	Y	WS-I05-080617
West Site	I6	WS-I06-080617	BENZO(K)FLUORANTHENE	0.0590	07/09/08	51044	Y	WS-I06-080617
West Site	J1	WS-J01-080505	BENZO(K)FLUORANTHENE	0.0750	05/29/08	49912	Y	WS-J01-080505

BENZO(K)FLUORANTHENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	J1	WS-J01-080505	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	DUP-6
West Site	J2	WS-J02-080624	BENZO(K)FLUORANTHENE	0.0082	07/21/08	51148	N	WS-J02-080624
West Site	J3	WS-J03-080620	BENZO(K)FLUORANTHENE	0.0370	07/09/08	51046	Y	WS-J03-080620
West Site	J4	WS-J04-080617	BENZO(K)FLUORANTHENE	0.0400	07/09/08	51044	Y	WS-J04-080617
West Site	J5	WS-J05-080618	BENZO(K)FLUORANTHENE	0.0670	07/18/08	51147	Y	WS-J05-080618
West Site	K1	WS-K01-080505	BENZO(K)FLUORANTHENE	0.0082	05/28/08	49912	N	WS-K01-080505
West Site	K2	WS-K02-080509	BENZO(K)FLUORANTHENE	0.0350	06/02/08	50169	N	WS-K02-080509
West Site	K3	WS-K03-080509	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	WS-K03-080509
West Site	K4	WS-K04-080513	BENZO(K)FLUORANTHENE	0.0081	06/02/08	50169	N	WS-K04-080513
West Site	K4	WS-K04-080513	BENZO(K)FLUORANTHENE	0.0120	06/23/08	50534	Y	DUP-10
West Site	K4	WS-K04-080513	BENZO(K)FLUORANTHENE	0.0081	07/25/08	51406	N	WS-K04-080513
West Site	K5	WS-K05-080509	BENZO(K)FLUORANTHENE	0.0082	05/30/08	50159	N	WS-K05-080509
West Site	L1	WS-L01-080505	BENZO(K)FLUORANTHENE	0.0082	05/28/08	49912	N	WS-L01-080505
West Site	L2	WS-L02-080508	BENZO(K)FLUORANTHENE	0.0350	05/20/08	49912	Y	WS-L02-080508
West Site	L3	WS-L03-080508	BENZO(K)FLUORANTHENE	0.0580	05/20/08	49912	Y	WS-L03-080508
West Site	L4	WS-L04-080508	BENZO(K)FLUORANTHENE	0.0082	05/20/08	49912	N	WS-L04-080508
West Site	L4	WS-L04-080508	BENZO(K)FLUORANTHENE	0.0082	06/05/08	50282	N	DUP-9
West Site	M1	080505	BENZO(K)FLUORANTHENE	0.0400	05/29/08	49912	Y	WS-M01-080505
West Site	M1	080505	BENZO(K)FLUORANTHENE	0.0083	05/30/08	50159	N	DUP-7
West Site	M2	080507	BENZO(K)FLUORANTHENE	0.0530	05/29/08	49912	Y	WS-M02-080507
West Site	M3	080507	BENZO(K)FLUORANTHENE	0.5200	05/29/08	49912	Y	WS-M03-080507
West Site	M3	080507	BENZO(K)FLUORANTHENE	0.6300	06/05/08	50262	Y	DUP-8
West Site	M3	091217	BENZO(K)FLUORANTHENE	0.0060	01/05/10	64004	N	WS-M03-091217
West Site	M4	080507	BENZO(K)FLUORANTHENE	1.2000	06/04/08	49912	Y	WS-M04-080507
West Site	M4	091218	BENZO(K)FLUORANTHENE	0.0060	01/05/10	64004	N	WS-M04-091218
West Site	M4	091218	BENZO(K)FLUORANTHENE	0.0060	01/08/10	64060	N	DUP-44
West Site	N1	WS-N01-080506	BENZO(K)FLUORANTHENE	0.0360	05/29/08	49912	Y	WS-N01-080506
West Site	N2	WS-N02-080506	BENZO(K)FLUORANTHENE	0.0520	05/20/08	49912	Y	WS-N02-080506
West Site	N3	WS-N03-080507	BENZO(K)FLUORANTHENE	0.1100	05/20/08	49912	Y	WS-N03-080507
West Site	O1	WS-O01-080506	BENZO(K)FLUORANTHENE	0.0081	05/28/08	49912	N	WS-O01-080506
West Site	O2	WS-O02-080506	BENZO(K)FLUORANTHENE	0.0810	05/29/08	49912	Y	WS-O02-080506

Table bis(2-ethylhexl)phthalate-1: bis(2-ethylhexyl)phthalate Data Quality Summary

Laboratory Performance Criteria	Criteria	Measured	Comment
Minimum LCS Recovery	greater than 50%	69%	
Minimum Matrix Spike Recovery	greater than 35%	68%	
Minimum Surrogate Recovery	greater than 50%	18%	Terphenyl-D14
Average LCS Recovery	N/A	87%	
Average Matrix Spike Recovery	N/A	84%	
Average Surrogate Recovery	N/A	78%	Terphenyl-D14
Maximum MSD RPD	less than 35%	19%	
Average MSD RPD	N/A	7%	
Measurement Quality Objectives	**Criteria**	**Measured**	
NPS CRM	Recovery greater than 0.434	Minimum Recovery =	0.800 mg/kg
EQIS CRM	None provided		
CVS Split Analysis RPD	RPD less than 35%	Maximum RPD =	86 %
CRM Split Analysis RPD	RPD less than 35%	Maximum RPD =	37 %
Overall QC Indicator Measurements	**Criteria**	**Measured**	
NPS CRM "Made to" (Bias measure)	N/A	Average Recovery =	108.0 %
NPS Replicate Test (Precision measure)	None		
Data Quality Relative to Remediation Goals			
Tier 1 Remediation Goal		0.55 mg/kg	
Tier 2 Remediation Goal	None		
QC Derived Reliance Level		0.52 mg/kg See Note 1	

Comments: Minimum surrogate recovery (18%) and minimum LCS recovery (69%) are generally low, indicating a bias favoring low measurements. Likewise, low minimum and low average matrix spike recoveries (68% and 84% respectively) indicate a bias favoring low measurements. An average recovery of the NPS CRM (108%) indicates a measurement bias favoring high measurements, however, the data set is relatively small. Maximum CRM split analyses RPD (37%) and a maximum CVS split analysis RPD (86%) indicate qualified precision. The derived reliance level (0.52 mg/kg) is less than the RG (0.55 mg/kg), due primarily to measurement imprecision. However, evaluation of individual data points reveals that the less reliable bis(2-ethyhexyl)phthalate CVS results were superseded (except in WS grid C2), because they pertain to grids that underwent subsequent excavation and CVS that produced acceptable results. Thus, it is concluded that all bis(2-ethyhexyl)phthalate CVS results that are necessary for the RG achievement decision in each grid were below the derived reliance level, except for West Site grid C2, so for these grids, confidence that the bis(2-ethyhexyl)phthalate RG was achieved is not compromised. With respect to West Site grid C2, we take note of the fact that no semi-volatile organic compounds were detected in West Site grid C2 other than bis(2-ethyhexyl)phthalate, and bis(2-ethyhexyl)phthalate is a common laboratory contaminant and the elevated reading is quite possibly related to contamination inadvertently introduced during sampling and testing. Based on the foregoing, and the close proximity of the WS-C2 concentration (0.53) to the derived reliance level (0.52), it is concluded that compromised confidence in the CVS result for grid C2 is relatively insignificant. It is concluded, therefore, that the bis(2-ethyhexyl)phthalate CVS measurements that are necessary to the evaluation of RG achievement are of acceptable quality and may be used to determine RG achievement.

Note 1:The standard deviation of NPS CRM split analyses (0.230 mg/kg) is used to represent measurement imprecision near the RG and is used with an estimate of bias from NPS CRMs (average recovery = 108%) to calculate the derived reliance level (0.52 mg/kg). Derived reliance level is calculated as:
(Tier 1 RG)(1.2)(Average Recovery)-(0.84)(Standard deviation) = (0.55)(1.2)(1.08)-(0.84)(0.2305) =0.52 mg/kg

Table bis(2-ethylhexl)phthalate-2: bis(2-ethylhexyl)phthalate - NPS CRMs

Blind NPS CRM Results

Sample	Result	Analysis Date	Batch	Detect
BOR Sample 1-BOR 70	1.2	6/2/08	50169	Y
BO 50,55,58,72	0.8	6/23/08	50534	Y
BOR 102-96-99-105	0.84	7/9/08	51046	Y
BOR 103,97,100,106	1.2	7/21/08	51148	Y
BOR 104	1.3	7/21/08	51148	Y

CRMs		Vendor Supplied Information
Mean	1.068	*Made to*
Median	1.200	*0.989 mg/kg*
Standard Deviation	0.230	
Sample Variance	0.053	*Upper Acceptance Limit*
Kurtosis	-2.965	*1.16 mg/kg*
Skewness	-0.477	
Range	0.500	*Lower Acceptance Limit*
Minimum	0.800	*0.434 mg/kg*
Maximum	1.300	
Sum	5.340	
Count	5.000	
Largest(2)	1.200	
Smallest(2)	0.840	

Table bis(2-ethylhexl)phthalate-3: bis(2-ethylhexyl)phthalate NPS and EQIS Duplicates

Sample	Result	Analysis Date	Batch	Split	Result	Analysis Date	RPD
BOR 501	0.210	6/4/08	50262	WS-L04-080508	0.200	6/5/2008	5
BOR 500	0.240	6/11/08	50403	WS-F01-080429	0.340	5/15/2008	34
BOR 505	0.190	6/23/08	50534	WS-K03-080509	0.200	6/2/2008	5
BOR 504	0.110	6/26/08	50781	ES-M05-080527	0.085	6/4/2008	26
BOR 506	0.100	6/26/08	50781	ES-S10-080523	0.097	6/4/2008	3
BOR 502	0.056	7/21/08	51148	WS-F05-080612	0.038	7/9/2008	38
BOR 507	0.076	7/21/08	51148	ES-O09-080610	0.045	6/28/2008	51
BOR 508	0.089	7/21/08	51148	ES-Q11-080606	0.065	6/20/2008	31
BOR 509	$\boxed{0.027}$	7/21/08	51148	WS-E06-080613	0.053	7/17/2008	65
BOR 510	0.064	7/21/08	51148	OU-8HR-080605	0.068	6/20/2008	6
DUP-1	0.300	5/15/08	49841	WS-E02-080428	0.330	5/15/2008	10
DUP-2	0.300	5/15/08	49841	WS-D02-080429	0.330	5/15/2008	10
DUP-3	0.200	5/30/08	50159	WS-C01-080501	0.300	5/15/2008	40
DUP-4	0.180	5/30/08	50159	WS-G01-080501	0.300	5/15/2008	50
DUP-5	0.085	5/30/08	50159	WS-I01-080501	0.100	5/29/2008	16
DUP-7	0.250	5/30/08	50159	WS-M01-080505	0.220	5/29/2008	13
DUP-8	0.220	6/5/08	50262	WS-M03-080507	0.150	5/29/2008	38
DUP-6	0.260	6/5/08	50282	WS-J01-080505	0.260	5/29/2008	0
DUP-9	0.200	6/5/08	50282	WS-L04-080508	0.200	6/5/2008	0
DUP-11	0.620	6/20/08	50635	ES-J03-080513	0.690	6/2/2008	11
DUP-10	0.190	6/23/08	50534	WS-K04-080513	0.240	6/2/2008	23
DUP-15	0.094	6/26/08	50781	ES-J02-080527	0.120	6/4/2008	24
DUP-12	0.200	6/28/08	50807	ES-P06-080515	0.270	6/2/2008	30
DUP-13	0.087	6/28/08	50807	ES-T08-080522	0.140	6/4/2008	47
DUP-14	0.120	7/9/08	51046	ES-T10-080523	0.110	6/4/2008	9
DUP-16	0.120	7/18/08	51147	ES-P04-080528	0.094	6/5/2008	24
DUP-18	0.250	7/21/08	51148	ES-J04-080530	0.100	6/23/2008	86
DUP-19	0.077	7/21/08	51148	ES-K05-080605	0.086	6/20/2008	11
DUP-17	0.150	7/25/08	51406	ES-F01-080529	0.120	6/23/2008	22
DUP-44	0.066	1/8/10	64060	WS-M04-091218	0.072	1/5/2010	9

$\boxed{}$ Below reporting limit. Reporting limit shown.

RPD of Sample Splits	
Mean	24.540
Median	22.739
Standard Deviation	20.613
Sample Variance	424.878
Kurtosis	1.282
Skewness	1.134
Range	85.714
Minimum	0.000
Maximum	85.714
Sum	736.205
Count	30.000
Largest(2)	65.000
Smallest(2)	0.000

Table bis(2-ethylhexl)phthalate-4: bis(2-ethylhexyl)phthalate EQIS CRMs						
Results of Duplicate Analysis of EQIS CRMs						
Sample	Result	Date	Batch	Detect	Average	RPD
WS-Z01-080430	1.2	5/20/08	49912	Y		
ES-Z05-080519	1.2	5/30/08	50159	Y	1.20	0
ES-Z06-080520	1.3	5/30/08	50159	Y		
ES-Z07-080522	1.2	5/30/08	50159	Y	1.25	8
ES-Z08-080527	1.2	6/5/08	50262	Y		
ES-Z09-080529	1.1	6/5/08	50282	Y	1.15	9
ES-Z11-080605	1.1	6/20/08	50635	Y		
ES-Z10-080602	1.1	6/23/08	50534	Y	1.10	0
ES-Z14-080611 A	1.1	6/26/08	50781	Y		
ES-Z14-080611 B	1.3	6/26/08	50781	Y	1.20	17
WS-Z15-080613 A	1.1	6/26/08	50781	Y		
WS-Z15-080613 B	1.2	6/26/08	50781	Y	1.15	9
ES-Z12-080606-A	1.1	6/28/08	50807	Y		
ES-Z12-080606-B	1	6/28/08	50807	Y	1.05	10
ES-Z13-080610 A	0.99	6/28/08	50807	Y		
ES-Z13-080610 B	0.93	6/28/08	50807	Y	0.96	6
ES-Z11-080605 B	1	7/9/08	51044	Y		
WS-Z16-080617-A	0.99	7/9/08	51044	Y	1.00	1
WS-Z16-080617-B	1	7/9/08	51044	Y		
WS-Z18-080620 A	1.1	7/9/08	51046	Y	1.05	10
WS-Z18-080620 B	0.96	7/9/08	51046	Y		
ES-Z05-080519 B	1.4	7/17/08	50786	Y	1.18	37
ES-Z06-080520 B	1.4	7/17/08	50786	Y		
ES-Z08-080527 B	1.3	7/17/08	50786	Y	1.35	7
ES-Z09-080529 B	1.3	7/17/08	50786	Y		
ES-Z10-080602 B	1.3	7/17/08	50786	Y	1.30	0
WS-Z01-080430 B	1.5	7/17/08	50786	Y		
WS-Z17-080618 A	1.5	7/18/08	51147	Y	1.50	0
ES-Z19-080624 A	1.1	7/21/08	51148	Y		
ES-Z19-080624 B	1.1	7/21/08	51148	Y	1.10	0
ES-Z07-080522 B	1.5	7/25/08	51406	Y		
WS-Z17-080618 B	1.5	7/25/08	51406	Y	1.50	0
WS-Z29-091217A	0.85	1/5/10	64004	Y		
WS-Z29-091217B	0.82	1/5/10	64004	Y	0.84	4

Analysis of EQIS CRMs	
Mean	1.169
Median	1.100
Standard Deviation	0.187
Sample Variance	0.035
Kurtosis	-0.603
Skewness	0.272
Range	0.680
Minimum	0.820
Maximum	1.500
Sum	39.740
Count	34.000
Largest(2)	1.500
Smallest(2)	0.850

RPD of EQIS CRMs	
Mean	6.862
Median	6.250
Standard Deviation	9.261
Sample Variance	85.766
Kurtosis	7.250
Skewness	2.407
Range	37.288
Minimum	0.000
Maximum	37.288
Sum	116.649
Count	17.000
Largest(2)	16.667
Smallest(2)	0.000

Table bis(2-ethylhexl)phthalate-5: bis(2-ethylhexyl)phthalate LaboratoryMS and LCS					
Matrix Spike Recovery %	Batch	Order	LCS Recovery %	Batch	Order
86	49841	2	96	49841	2
71	49912	3	82	49912	3
82	50159	4	84	50159	4
74	50169	5	86	50169	5
97	50262	6	88	50262	6
79	50282	7	82	50282	7
75	50403	8	78	50403	8
87	50635	9	84	50635	9
88	50534	10	84	50534	10
80	50781	11	89	50781	11
74	50807	12	72	50807	12
70	51044	13	76	51044	13
68	51046	14	69	51046	14
101	51151	16	96	50786	15
105	51147	17	96	51151	16
101	51148	18	96	51147	17
92	51406	19	104	51148	18
86	56623	25	97	51406	19
79	64004	26	82	56623	25
101	64060	27	92	64004	26
73	70158	28	98	64060	27
			77	70158	28
Average MS Recovery = 84	%		Average LCS Recovery = 87	%	
Minimum MS Recovery = 68	%		Minimum LCS Recovery = 69	%	

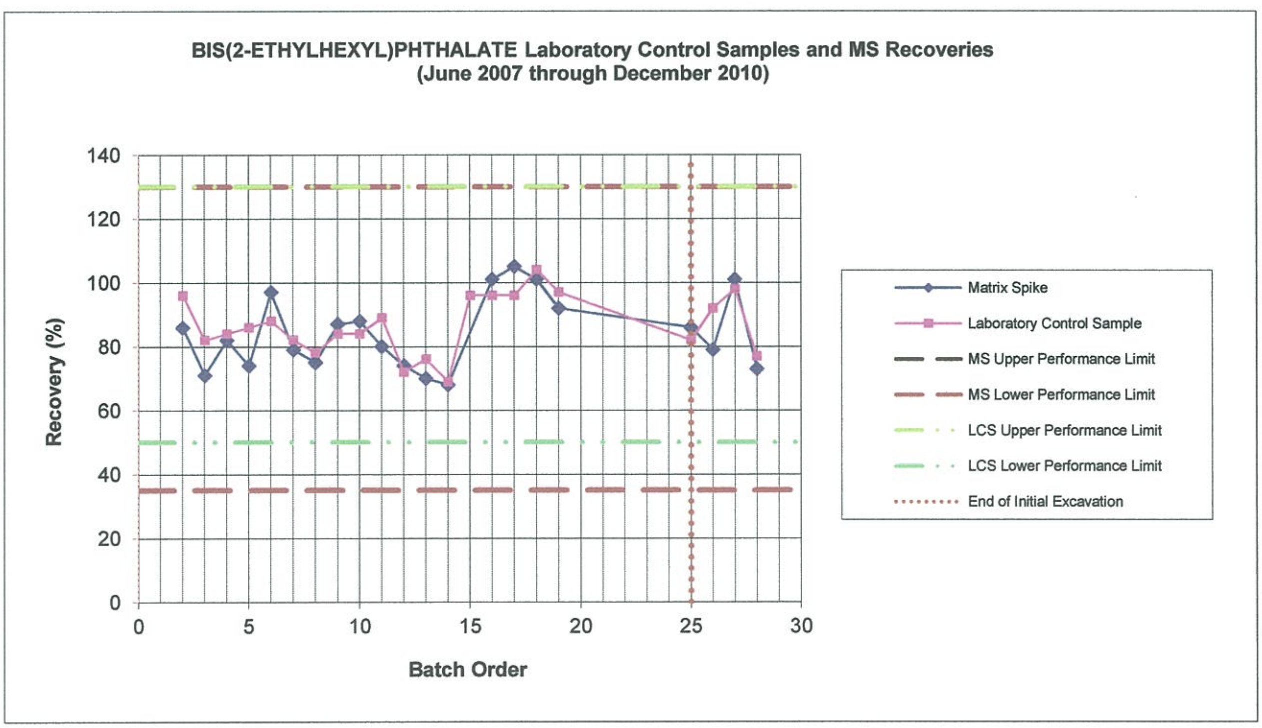


Table bis(2-ethylhexl)phthalate-6: bis(2-ethylhexyl)phthalate - Laboratory MSD				
Sample	Date	RPD	Batch	Order
WS-F02-080429MSD	5/15/08	19	49841	2
WS-N03-080507MSD	5/23/08	1	49912	3
WS-K05-080509MSD	5/30/08	5	50159	4
WS-K02-080509MSD	6/2/08	17	50169	5
BOR 52, 54, 57, 71MSD	6/4/08	16	50262	6
ES-S07-080521MSD	6/5/08	5	50282	7
BOR 500MSD	6/11/08	4	50403	8
ES-K02-080602MSD	6/20/08	4	50635	9
ES-V11-080529MSD	6/23/08	14	50534	10
ES-N09-080610MSD	6/26/08	5	50781	11
ES-L06-080605MSD	6/28/08	1	50807	12
WS-E04-080613MSD	7/9/08	3	51044	13
WS-C05-080620MSD	7/9/08	7	51046	14
WS-D04-080623MSD	7/17/08	2	51151	16
WS-I02-080618MSD	7/18/08	9	51147	17
ES-C01-080624MSD	7/21/08	1	51148	18
WS-K04-080513MSD	7/25/08	2	51406	19
ES-J03-090323MSD	4/3/09	6	56623	25
WS-M04-091218MSD	1/5/10	12	64004	26
DUP-44MSD	1/8/10	0	64060	27
ES-SB3-100901MSD	9/17/10	11	70158	28

Average MSD RPD = 7 %

Maximum MSD RPD = 19 %

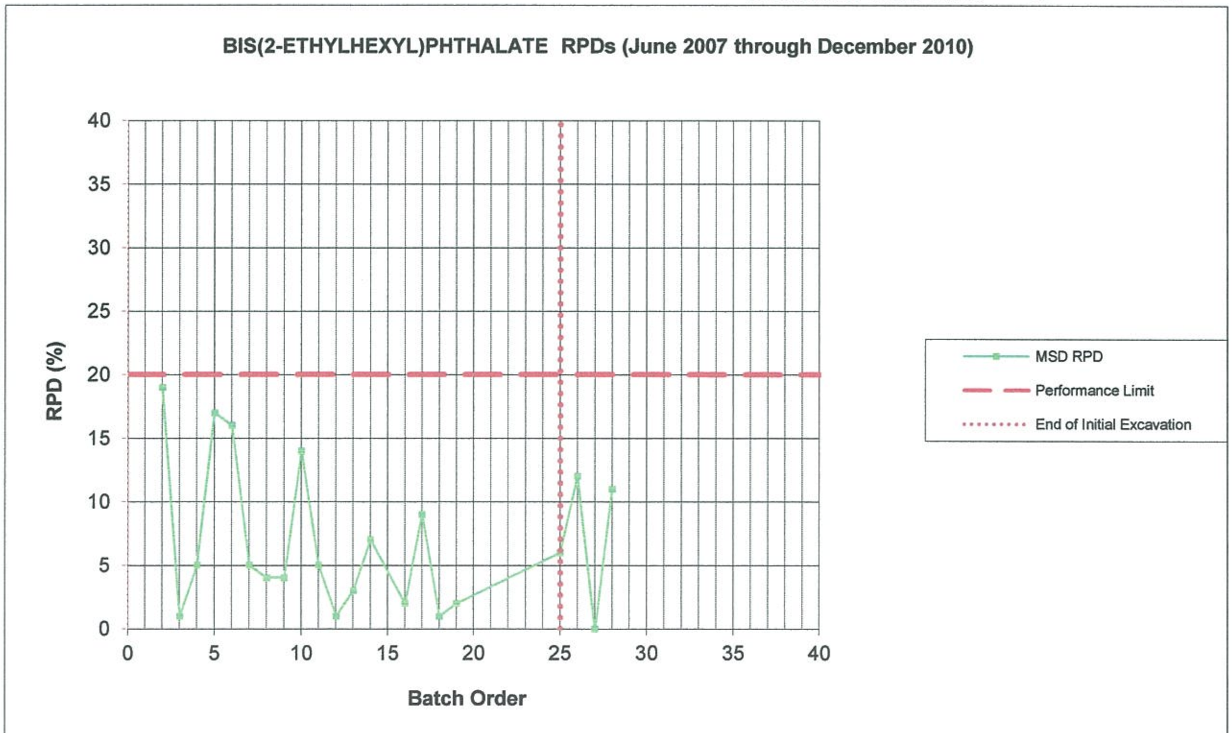


Table bis(2-ethylhexl)phthalate-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries				
Sample	Recovery	Date	Batch	Order
WS-K04-080513	44	39601	50169	76
ES-R06-080521	43	39604	50282	113
ES-Q05-080520	51	39604	50282	124
ES-P07-080519	40	39610	50403	135
ES-Q10-D0	36	39882	56175	360
ES-P10-B1	52	39883	56192	373
ES-P10-C1	47	39883	56192	379
ES-R09-A1	18	39884	56245	389
ES-T09-B1	18	39889	56337	407
ES-N06-C0	48	39889	56337	416

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	78
Median	77
Mode	73
Standard Deviation	13
Minimum	18

Table bis(2-ethylhexl)phthalate-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries (Graph)

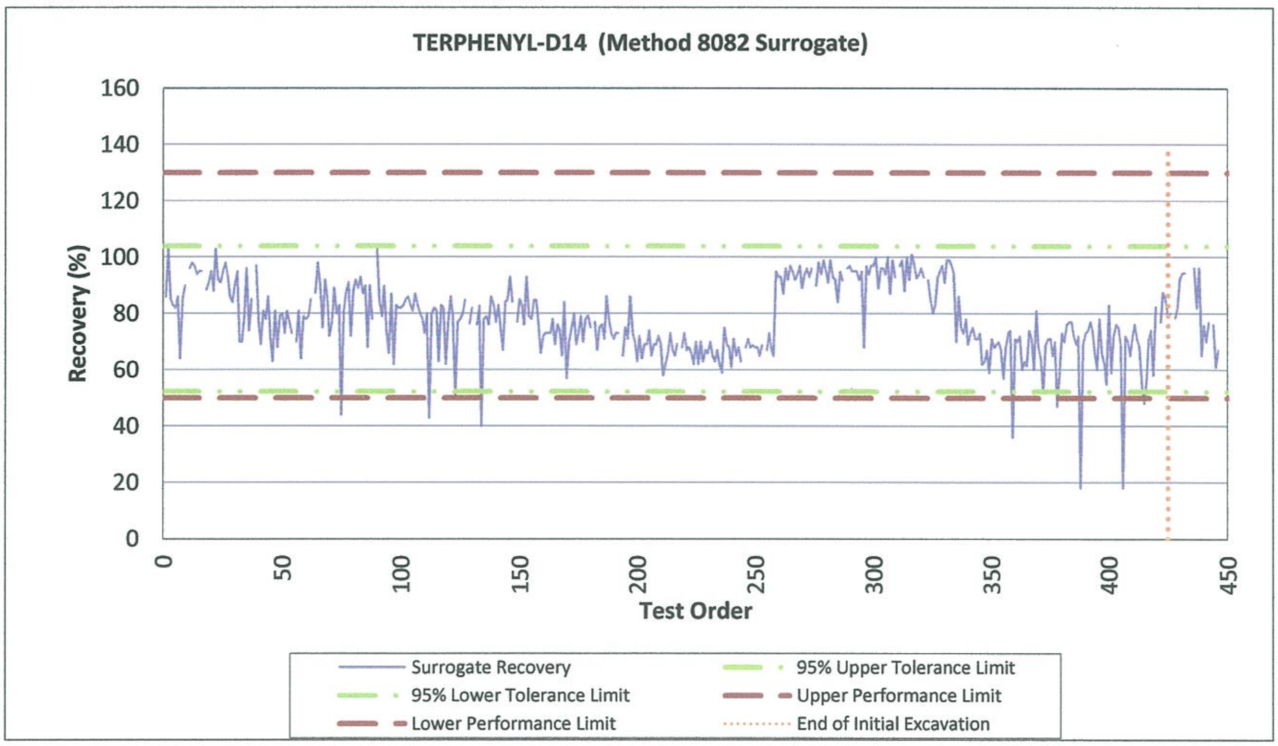
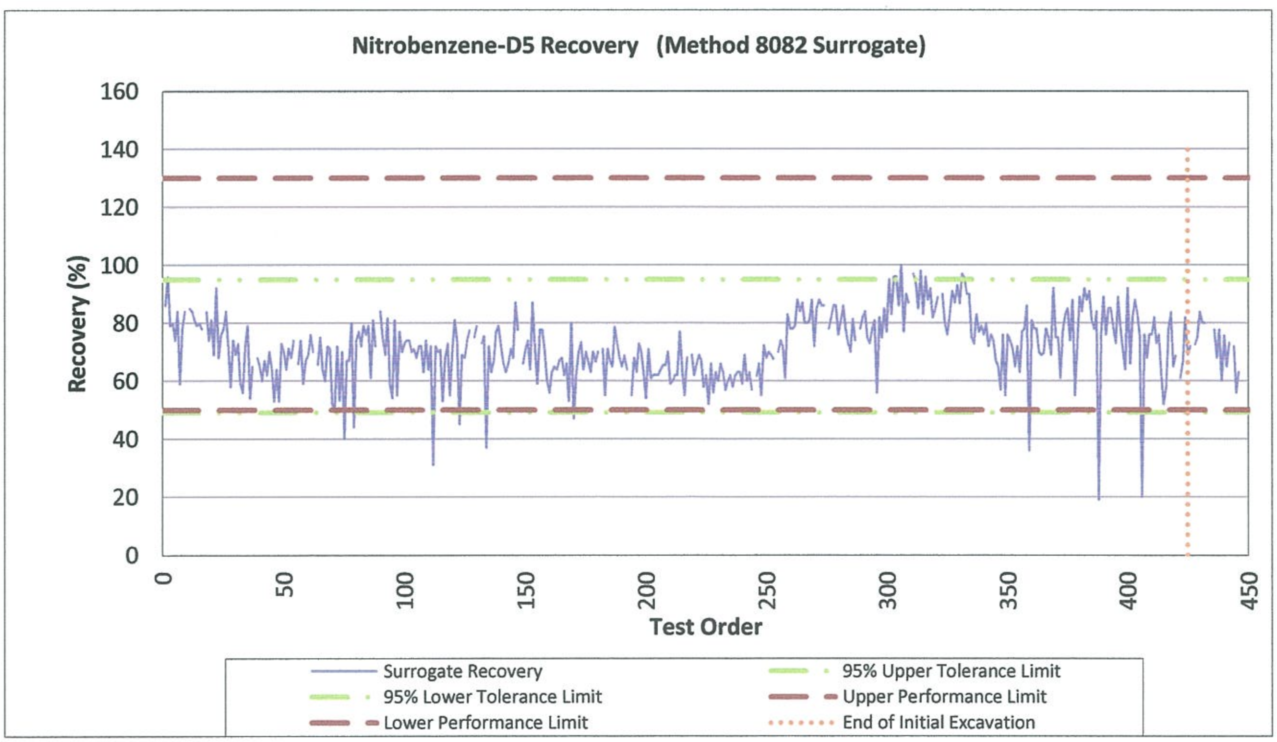


Table bis(2-ethylhexl)phthalate-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries				
Sample	Recovery	Date	Batch	Order
ES-R09-A1	19	39884	56245	11
ES-T09-B1	20	39889	56337	18
ES-R06-080521	31	39604	50282	39
ES-Q10-D0	36	39882	56175	56
ES-P07-080519	37	39610	50403	64
WS-K04-080513	40	39601	50169	90
ES-N04-080519	44	39601	50169	129
ES-Q05-080520	45	39604	50282	132
ES-T11-080530	47	39622	50534	149
WS-J02-080624	95	39650	51148	182
ES-E02-080611	95	39654	51406	194
A7E080000081B	96	39212	7128081	219
ES-C01-080624	96	39650	51148	246
WS-C04-080623	96	39650	51148	255
ES-A01-080623	96	39650	51148	276
BOR 508	97	39650	51148	289
ES-Z07-080522 B	97	39654	51406	311
DUP-18	98	39650	51148	323
577697	100	39650	51148	422

For all Surrogate Measurements	
Mean Recovery	72
Median	72
Mode	70
Standard Deviation	11
Minimum	19

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

Table bis(2-ethylhexl)phthalate-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries (Graph)



BIS(2-ETHYLHEXYL)PHTHALATE 12/16/2010 Database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	A1	ES-A01-080623	BIS(2-ETHYLHEXYL) PHTHALATE	0.260	07/21/08	51148	Y	ES-A01-080623
East Site	B1	ES-B01-080623	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	07/21/08	51148	Y	ES-B01-080623
East Site	C1	ES-C01-080624	BIS(2-ETHYLHEXYL) PHTHALATE	0.089	07/21/08	51148	Y	ES-C01-080624
East Site	D1	ES-D01-080624	BIS(2-ETHYLHEXYL) PHTHALATE	0.130	07/21/08	51148	Y	ES-D01-080624
East Site	E1	ES-E01-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	06/05/08	50282	Y	ES-E01-080528
East Site	E2	ES-E02-080611	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	07/25/08	51406	Y	ES-E02-080611
East Site	F1	ES-F01-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	06/23/08	50534	Y	ES-F01-080529
East Site	F1	ES-F01-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	07/25/08	51406	Y	DUP-17
East Site	G1	ES-G01-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	06/23/08	50534	Y	ES-G01-080529
East Site	G2	ES-G02-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.095	06/20/08	50635	Y	ES-G02-080605
East Site	H1	ES-H01-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.097	06/05/08	50282	Y	ES-H01-080528
East Site	H2	ES-H02-080515	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/02/08	50169	Y	ES-H02-080515
East Site	H3	ES-H03-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.130	06/20/08	50635	Y	ES-H03-080605
East Site	I1	ES-I01-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	06/23/08	50534	Y	ES-I01-080529
East Site	I2	ES-I02-080514	BIS(2-ETHYLHEXYL) PHTHALATE	0.270	06/02/08	50169	Y	ES-I02-080514
East Site	I3	ES-I03-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	06/02/08	50169	Y	ES-I03-080513
East Site	I4	ES-I04-080602	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/23/08	50534	Y	ES-I04-080602
East Site	J1	ES-J01-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/23/08	50534	Y	ES-J01-080529
East Site	J2	ES-J02-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	06/04/08	50262	Y	ES-J02-080527
East Site	J2	ES-J02-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.094	06/26/08	50781	Y	DUP-15
East Site	J3	ES-J03-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.690	06/02/08	50169	Y	ES-J03-080513
East Site	J3	ES-J03-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.620	06/20/08	50635	Y	DUP-11
East Site	J3	ES-J03-090323	BIS(2-ETHYLHEXYL) PHTHALATE	0.086	04/03/09	56623	Y	ES-J03-090323
East Site	J4	ES-J04-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	06/23/08	50534	Y	ES-J04-080530
East Site	J4	ES-J04-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.250	07/21/08	51148	Y	DUP-18
East Site	J5	ES-J05-080602	BIS(2-ETHYLHEXYL) PHTHALATE	0.160	06/23/08	50534	Y	ES-J05-080602
East Site	K1	ES-K01-080602	BIS(2-ETHYLHEXYL) PHTHALATE	0.082	06/23/08	50534	Y	ES-K01-080602
East Site	K2	ES-K02-080602	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	06/20/08	50635	Y	ES-K02-080602
East Site	K3	ES-K03-080514	BIS(2-ETHYLHEXYL) PHTHALATE	0.330	06/02/08	50169	Y	ES-K03-080514
East Site	K4	ES-K04-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	06/04/08	50262	Y	ES-K04-080527
East Site	K5	ES-K05-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.086	06/20/08	50635	Y	ES-K05-080605
East Site	K5	ES-K05-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.077	07/21/08	51148	Y	DUP-19
East Site	K7	ES-K07-080611	BIS(2-ETHYLHEXYL) PHTHALATE	0.067	06/26/08	50781	Y	ES-K07-080611
East Site	L1	ES-L01-080625	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	07/17/08	51151	Y	ES-L01-080625
East Site	L2	ES-L02-080625	BIS(2-ETHYLHEXYL) PHTHALATE	0.080	07/17/08	51151	Y	ES-L02-080625
East Site	L3	ES-L03-080604	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	06/20/08	50635	Y	ES-L03-080604
East Site	L4	ES-L04-080604	BIS(2-ETHYLHEXYL) PHTHALATE	0.180	06/20/08	50635	Y	ES-L04-080604
East Site	L5	ES-L05-080620	BIS(2-ETHYLHEXYL) PHTHALATE	0.180	07/18/08	51147	Y	ES-L05-080620
East Site	L6	ES-L06-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.092	06/28/08	50807	Y	ES-L06-080605
East Site	M1	ES-M01-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	06/04/08	50262	Y	ES-M01-080527
East Site	M2	ES-M02-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	06/05/08	50282	Y	ES-M02-080519
East Site	M3	ES-M03-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.160	06/03/08	50169	Y	ES-M03-080519
East Site	M4	ES-M04-080515	BIS(2-ETHYLHEXYL) PHTHALATE	0.340	06/02/08	50169	Y	ES-M04-080515
East Site	M5	ES-M05-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.085	06/04/08	50262	Y	ES-M05-080527
East Site	M6	ES-M06-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.095	06/05/08	50282	Y	ES-M06-080520
East Site	M7	ES-M07-080612	BIS(2-ETHYLHEXYL) PHTHALATE	0.099	07/09/08	51046	Y	ES-M07-080612
East Site	M8	ES-M08-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.041	06/28/08	50807	Y	ES-M08-080610

East Site	M9	ES-M09-080611	BIS(2-ETHYLHEXYL) PHTHALATE	0.027	06/26/08	50781	N	ES-M09-080611
East Site	N2	ES-N02-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	06/05/08	50262	Y	ES-N02-080528
East Site	N3	ES-N03-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.060	06/05/08	50282	Y	ES-N03-080520
East Site	N4	ES-N04-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	06/02/08	50169	Y	ES-N04-080519
East Site	N4	ES-N04-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	07/25/08	51406	Y	ES-N04-080519
East Site	N5	ES-N05-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.130	06/02/08	50169	Y	ES-N05-080519
East Site	N6	ES-N06-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	06/04/08	50262	Y	ES-N06-080527
East Site	N7	ES-N07-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.080	06/23/08	50534	Y	ES-N07-080530
East Site	N8	ES-N08-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.054	06/28/08	50807	Y	ES-N08-080610
East Site	N9	ES-N09-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.041	06/26/08	50781	Y	ES-N09-080610
East Site	N10	ES-N10-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.082	06/28/08	50807	Y	ES-N10-080610
East Site	O3	ES-O03-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	06/05/08	50262	Y	ES-O03-080528
East Site	O4	ES-O04-080515	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	06/02/08	50169	Y	ES-O04-080515
East Site	O5	ES-O05-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.440	06/05/08	50282	Y	ES-O05-080520
East Site	O6	ES-O06-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/23/08	50534	Y	ES-O06-080529
East Site	O7	ES-O07-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	06/23/08	50534	Y	ES-O07-080530
East Site	O8	ES-O08-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.096	06/23/08	50534	Y	ES-O08-080530
East Site	O9	ES-O09-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.045	06/28/08	50807	Y	ES-O09-080610
East Site	O10	ES-O10-080611	BIS(2-ETHYLHEXYL) PHTHALATE	0.074	06/26/08	50781	Y	ES-O10-080611
East Site	P4	ES-P04-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.094	06/05/08	50282	Y	ES-P04-080528
East Site	P4	ES-P04-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	07/18/08	51147	Y	DUP-16
East Site	P5	ES-P05-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	06/02/08	50169	Y	ES-P05-080513
East Site	P6	ES-P06-080515	BIS(2-ETHYLHEXYL) PHTHALATE	0.270	06/02/08	50169	Y	ES-P06-080515
East Site	P6	ES-P06-080515	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	06/28/08	50807	Y	DUP-12
East Site	P7	ES-P07-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	06/11/08	50403	Y	ES-P07-080519
East Site	P7	ES-P07-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.340	07/25/08	51406	Y	ES-P07-080519
East Site	P8	ES-P08-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	06/23/08	50534	Y	ES-P08-080530
East Site	P10	ES-P10-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.052	06/20/08	50635	Y	ES-P10-080606
East Site	P11	ES-P11-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	06/20/08	50635	Y	ES-P11-080606
East Site	Q5	ES-Q05-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.180	06/05/08	50282	Y	ES-Q05-080520
East Site	Q5	ES-Q05-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.476	07/25/08	51406	Y	ES-Q05-080520
East Site	Q6	ES-Q06-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.370	06/05/08	50282	Y	ES-Q06-080520
East Site	Q7	ES-Q07-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	06/03/08	50169	Y	ES-Q07-080519
East Site	Q8	ES-Q08-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.310	06/03/08	50169	Y	ES-Q08-080519
East Site	Q9	ES-Q09-080612	BIS(2-ETHYLHEXYL) PHTHALATE	0.039	06/26/08	50781	Y	ES-Q09-080612
East Site	Q10	ES-Q10-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.098	06/20/08	50635	Y	ES-Q10-080606
East Site	Q11	ES-Q11-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.065	06/20/08	50635	Y	ES-Q11-080606
East Site	Q17	ES-Q17-080609	BIS(2-ETHYLHEXYL) PHTHALATE	0.054	06/28/08	50807	Y	ES-Q17-080609
East Site	R5	ES-R05-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	06/05/08	50282	Y	ES-R05-080521
East Site	R6	ES-R06-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.048	06/05/08	50282	Y	ES-R06-080521
East Site	R6	ES-R06-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	07/25/08	51406	Y	ES-R06-080521
East Site	R7	ES-R07-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.130	06/05/08	50282	Y	ES-R07-080521
East Site	R8	ES-R08-080519	BIS(2-ETHYLHEXYL) PHTHALATE	0.099	06/05/08	50282	Y	ES-R08-080519
East Site	R9	ES-R09-080520	BIS(2-ETHYLHEXYL) PHTHALATE	0.098	06/11/08	50403	Y	ES-R09-080520
East Site	R10	ES-R10-080602	BIS(2-ETHYLHEXYL) PHTHALATE	0.074	06/23/08	50534	Y	ES-R10-080602
East Site	R11	ES-R11-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.068	06/20/08	50635	Y	ES-R11-080605
East Site	R12	ES-R12-080611	BIS(2-ETHYLHEXYL) PHTHALATE	0.027	06/26/08	50781	N	ES-R12-080611
East Site	R16	ES-R16-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	06/20/08	50635	Y	ES-R16-080605
East Site	R17	ES-R17-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.090	06/20/08	50635	Y	ES-R17-080606
East Site	S5	ES-S05-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	06/05/08	50282	Y	ES-S05-080521
East Site	S6	ES-S06-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.092	06/05/08	50282	Y	ES-S06-080521

East Site	S7	ES-S07-080521	BIS(2-ETHYLHEXYL) PHTHALATE	0.080	06/05/08	50282	Y	ES-S07-080521
East Site	S8	ES-S08-080522	BIS(2-ETHYLHEXYL) PHTHALATE	0.160	06/04/08	50262	Y	ES-S08-080522
East Site	S9	ES-S09-080522	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	06/04/08	50262	Y	ES-S09-080522
East Site	S10	ES-S10-080523	BIS(2-ETHYLHEXYL) PHTHALATE	0.097	06/04/08	50262	Y	ES-S10-080523
East Site	S11	ES-S11-080528	BIS(2-ETHYLHEXYL) PHTHALATE	0.180	06/05/08	50262	Y	ES-S11-080528
East Site	S12	ES-S12-080609	BIS(2-ETHYLHEXYL) PHTHALATE	0.038	06/28/08	50807	Y	ES-S12-080609
East Site	S13	ES-S13-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/28/08	50807	Y	ES-S13-080610
East Site	S17	ES-S17-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.082	06/20/08	50635	Y	ES-S17-080606
East Site	S18	ES-S18-080606	BIS(2-ETHYLHEXYL) PHTHALATE	0.063	06/20/08	50635	Y	ES-S18-080606
East Site	T7	ES-T07-080612	BIS(2-ETHYLHEXYL) PHTHALATE	0.027	06/26/08	50781	N	ES-T07-080612
East Site	T8	ES-T08-080522	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/04/08	50262	Y	ES-T08-080522
East Site	T8	ES-T08-080522	BIS(2-ETHYLHEXYL) PHTHALATE	0.087	06/28/08	50807	Y	DUP-13
East Site	T9	ES-T09-080522	BIS(2-ETHYLHEXYL) PHTHALATE	0.095	06/04/08	50262	Y	ES-T09-080522
East Site	T10	ES-T10-080523	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	06/04/08	50262	Y	ES-T10-080523
East Site	T10	ES-T10-080523	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	07/09/08	51046	Y	DUP-14
East Site	T11	ES-T11-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.071	06/23/08	50534	Y	ES-T11-080530
East Site	T11	ES-T11-080530	BIS(2-ETHYLHEXYL) PHTHALATE	0.136	07/25/08	51406	Y	ES-T11-080530
East Site	T12	ES-T12-080609	BIS(2-ETHYLHEXYL) PHTHALATE	0.073	06/28/08	50807	Y	ES-T12-080609
East Site	T13	ES-T13-080609	BIS(2-ETHYLHEXYL) PHTHALATE	0.044	06/28/08	50807	Y	ES-T13-080609
East Site	T14	ES-T14-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.056	06/28/08	50807	Y	ES-T14-080610
East Site	U10	ES-U10-080523	BIS(2-ETHYLHEXYL) PHTHALATE	0.091	06/04/08	50262	Y	ES-U10-080523
East Site	U11	ES-U11-080602	BIS(2-ETHYLHEXYL) PHTHALATE	0.092	06/20/08	50635	Y	ES-U11-080602
East Site	U13	ES-U13-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.079	06/28/08	50807	Y	ES-U13-080610
East Site	U14	ES-U14-080610	BIS(2-ETHYLHEXYL) PHTHALATE	0.039	06/28/08	50807	Y	ES-U14-080610
East Site	V11	ES-V11-080529	BIS(2-ETHYLHEXYL) PHTHALATE	0.083	06/23/08	50534	Y	ES-V11-080529
East Site	V14	ES-V14-080605	BIS(2-ETHYLHEXYL) PHTHALATE	0.140	06/20/08	50635	Y	ES-V14-080605
East Site	W12	ES-W12-080527	BIS(2-ETHYLHEXYL) PHTHALATE	0.220	06/04/08	50262	Y	ES-W12-080527
West Site	A4	WS-A04-080626	BIS(2-ETHYLHEXYL) PHTHALATE	0.074	07/17/08	51151	Y	WS-A04-080626
West Site	B2	WS-B02-080502	BIS(2-ETHYLHEXYL) PHTHALATE	0.470	05/29/08	49912	Y	WS-B02-080502
West Site	B3	WS-B03-080502	BIS(2-ETHYLHEXYL) PHTHALATE	0.340	05/20/08	49912	Y	WS-B03-080502
West Site	B4	WS-B04-080626	BIS(2-ETHYLHEXYL) PHTHALATE	0.076	07/17/08	51151	Y	WS-B04-080626
West Site	B5	WS-B05-080626	BIS(2-ETHYLHEXYL) PHTHALATE	0.076	07/17/08	51151	Y	WS-B05-080626
West Site	C1	WS-C01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.300	05/15/08	49841	Y	WS-C01-080501
West Site	C1	WS-C01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	05/30/08	50159	Y	DUP-3
West Site	C2	WS-C02-080428	BIS(2-ETHYLHEXYL) PHTHALATE	0.530	05/15/08	49841	Y	WS-C02-080428
West Site	C3	WS-C03-080620	BIS(2-ETHYLHEXYL) PHTHALATE	0.027	07/18/08	51147	N	WS-C03-080620
West Site	C4	WS-C04-080623	BIS(2-ETHYLHEXYL) PHTHALATE	0.067	07/21/08	51148	Y	WS-C04-080623
West Site	C5	WS-C05-080620	BIS(2-ETHYLHEXYL) PHTHALATE	0.083	07/09/08	51046	Y	WS-C05-080620
West Site	C6	WS-C06-080624	BIS(2-ETHYLHEXYL) PHTHALATE	0.091	07/21/08	51148	Y	WS-C06-080624
West Site	D1	WS-D01-080430	BIS(2-ETHYLHEXYL) PHTHALATE	0.300	05/15/08	49841	Y	WS-D01-080430
West Site	D2	WS-D02-080429	BIS(2-ETHYLHEXYL) PHTHALATE	0.330	05/15/08	49841	Y	WS-D02-080429
West Site	D2	WS-D02-080429	BIS(2-ETHYLHEXYL) PHTHALATE	0.300	05/15/08	49841	Y	DUP-2
West Site	D3	WS-D03-080620	BIS(2-ETHYLHEXYL) PHTHALATE	0.062	07/18/08	51147	Y	WS-D03-080620
West Site	D4	WS-D04-080623	BIS(2-ETHYLHEXYL) PHTHALATE	0.083	07/17/08	51151	Y	WS-D04-080623
West Site	D5	WS-D05-080620	BIS(2-ETHYLHEXYL) PHTHALATE	0.090	07/18/08	51147	Y	WS-D05-080620
West Site	D6	WS-D06-080619	BIS(2-ETHYLHEXYL) PHTHALATE	0.056	07/18/08	51147	Y	WS-D06-080619
West Site	D7	WS-D07-080619	BIS(2-ETHYLHEXYL) PHTHALATE	0.063	07/18/08	51147	Y	WS-D07-080619
West Site	E1	WS-E01-080430	BIS(2-ETHYLHEXYL) PHTHALATE	0.310	05/15/08	49841	Y	WS-E01-080430
West Site	E2	WS-E02-080428	BIS(2-ETHYLHEXYL) PHTHALATE	0.300	05/15/08	49841	Y	DUP-1
West Site	E2	WS-E02-080428	BIS(2-ETHYLHEXYL) PHTHALATE	0.330	05/15/08	49841	Y	WS-E02-080428
West Site	E3	WS-E03-080619	BIS(2-ETHYLHEXYL) PHTHALATE	0.057	07/18/08	51147	Y	WS-E03-080619

West Site	E4	WS-E04-080613	BIS(2-ETHYLHEXYL) PHTHALATE	0.049	07/09/08	51044	Y	WS-E04-080613
West Site	E5	WS-E05-080613	BIS(2-ETHYLHEXYL) PHTHALATE	0.081	06/26/08	50781	Y	WS-E05-080613
West Site	E6	WS-E06-080613	BIS(2-ETHYLHEXYL) PHTHALATE	0.053	07/17/08	51151	Y	WS-E06-080613
West Site	E7	WS-E07-080613	BIS(2-ETHYLHEXYL) PHTHALATE	0.065	07/09/08	51044	Y	WS-E07-080613
West Site	E8	WS-E08-080616	BIS(2-ETHYLHEXYL) PHTHALATE	0.057	07/09/08	51044	Y	WS-E08-080616
West Site	F1	WS-F01-080429	BIS(2-ETHYLHEXYL) PHTHALATE	0.340	05/15/08	49841	Y	WS-F01-080429
West Site	F2	WS-F02-080429	BIS(2-ETHYLHEXYL) PHTHALATE	0.370	05/15/08	49841	Y	WS-F02-080429
West Site	F3	WS-F03-080619	BIS(2-ETHYLHEXYL) PHTHALATE	0.061	07/18/08	51147	Y	WS-F03-080619
West Site	F4	WS-F04-080616	BIS(2-ETHYLHEXYL) PHTHALATE	0.064	07/09/08	51044	Y	WS-F04-080616
West Site	F5	WS-F05-080612	BIS(2-ETHYLHEXYL) PHTHALATE	0.038	07/09/08	51044	Y	WS-F05-080612
West Site	F6	WS-F06-080612	BIS(2-ETHYLHEXYL) PHTHALATE	0.057	07/09/08	51044	Y	WS-F06-080612
West Site	F7	WS-F07-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.053	07/09/08	51044	Y	WS-F07-080617
West Site	F8	WS-F08-080618	BIS(2-ETHYLHEXYL) PHTHALATE	0.130	07/18/08	51147	Y	WS-F08-080618
West Site	G1	WS-G01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.300	05/15/08	49841	Y	WS-G01-080501
West Site	G1	WS-G01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.180	05/30/08	50159	Y	DUP-4
West Site	G2	WS-G02-080618	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	07/18/08	51147	Y	WS-G02-080618
West Site	G3	WS-G03-080619	BIS(2-ETHYLHEXYL) PHTHALATE	0.078	07/18/08	51147	Y	WS-G03-080619
West Site	G4	WS-G04-080616	BIS(2-ETHYLHEXYL) PHTHALATE	0.054	07/09/08	51044	Y	WS-G04-080616
West Site	G5	WS-G05-080613	BIS(2-ETHYLHEXYL) PHTHALATE	0.027	06/26/08	50781	N	WS-G05-080613
West Site	G6	WS-G06-080616	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	07/09/08	51044	Y	WS-G06-080616
West Site	G7	WS-G07-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	07/09/08	51044	Y	WS-G07-080617
West Site	H1	WS-H01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.250	05/20/08	49912	Y	WS-H01-080501
West Site	H2	WS-H02-080618	BIS(2-ETHYLHEXYL) PHTHALATE	0.072	07/18/08	51147	Y	WS-H02-080618
West Site	H3	WS-H03-080619	BIS(2-ETHYLHEXYL) PHTHALATE	0.085	07/18/08	51147	Y	WS-H03-080619
West Site	H4	WS-H04-080616	BIS(2-ETHYLHEXYL) PHTHALATE	0.120	07/09/08	51044	Y	WS-H04-080616
West Site	H5	WS-H05-080613	BIS(2-ETHYLHEXYL) PHTHALATE	0.049	07/09/08	51044	Y	WS-H05-080613
West Site	H6	WS-H06-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.160	07/09/08	51044	Y	WS-H06-080617
West Site	I1	WS-I01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.100	05/29/08	49912	Y	WS-I01-080501
West Site	I1	WS-I01-080501	BIS(2-ETHYLHEXYL) PHTHALATE	0.085	05/30/08	50159	Y	DUP-5
West Site	I2	WS-I02-080618	BIS(2-ETHYLHEXYL) PHTHALATE	0.074	07/18/08	51147	Y	WS-I02-080618
West Site	I3	WS-I03-080618	BIS(2-ETHYLHEXYL) PHTHALATE	0.090	07/18/08	51147	Y	WS-I03-080618
West Site	I4	WS-I04-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.048	07/09/08	51044	Y	WS-I04-080617
West Site	I5	WS-I05-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.027	07/09/08	51044	N	WS-I05-080617
West Site	I6	WS-I06-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.400	07/09/08	51044	Y	WS-I06-080617
West Site	J1	WS-J01-080505	BIS(2-ETHYLHEXYL) PHTHALATE	0.260	05/29/08	49912	Y	WS-J01-080505
West Site	J1	WS-J01-080505	BIS(2-ETHYLHEXYL) PHTHALATE	0.260	06/05/08	50282	Y	DUP-6
West Site	J2	WS-J02-080624	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	07/21/08	51148	Y	WS-J02-080624
West Site	J3	WS-J03-080620	BIS(2-ETHYLHEXYL) PHTHALATE	0.078	07/09/08	51046	Y	WS-J03-080620
West Site	J4	WS-J04-080617	BIS(2-ETHYLHEXYL) PHTHALATE	0.110	07/09/08	51044	Y	WS-J04-080617
West Site	J5	WS-J05-080618	BIS(2-ETHYLHEXYL) PHTHALATE	0.098	07/18/08	51147	Y	WS-J05-080618
West Site	K1	WS-K01-080505	BIS(2-ETHYLHEXYL) PHTHALATE	0.160	05/28/08	49912	Y	WS-K01-080505
West Site	K2	WS-K02-080509	BIS(2-ETHYLHEXYL) PHTHALATE	0.049	06/02/08	50169	Y	WS-K02-080509
West Site	K3	WS-K03-080509	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	06/02/08	50169	Y	WS-K03-080509
West Site	K4	WS-K04-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.240	06/02/08	50169	Y	WS-K04-080513
West Site	K4	WS-K04-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	06/23/08	50534	Y	DUP-10
West Site	K4	WS-K04-080513	BIS(2-ETHYLHEXYL) PHTHALATE	0.258	07/25/08	51406	Y	WS-K04-080513
West Site	K5	WS-K05-080509	BIS(2-ETHYLHEXYL) PHTHALATE	0.180	05/30/08	50159	Y	WS-K05-080509
West Site	L1	WS-L01-080505	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	05/28/08	49912	Y	WS-L01-080505
West Site	L2	WS-L02-080508	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	05/20/08	49912	Y	WS-L02-080508
West Site	L3	WS-L03-080508	BIS(2-ETHYLHEXYL) PHTHALATE	0.230	05/20/08	49912	Y	WS-L03-080508

West Site	L4	WS-L04-080508	BIS(2-ETHYLHEXYL) PHTHALATE	0.310	05/20/08	49912	Y	WS-L04-080508
West Site	L4	WS-L04-080508	BIS(2-ETHYLHEXYL) PHTHALATE	0.200	06/05/08	50282	Y	DUP-9
West Site	M1	WS-M01-080505	BIS(2-ETHYLHEXYL) PHTHALATE	0.220	05/29/08	49912	Y	WS-M01-080505
West Site	M1	WS-M01-080505	BIS(2-ETHYLHEXYL) PHTHALATE	0.250	05/30/08	50159	Y	DUP-7
West Site	M2	WS-M02-080507	BIS(2-ETHYLHEXYL) PHTHALATE	0.190	05/29/08	49912	Y	WS-M02-080507
West Site	M3	WS-M03-080507	BIS(2-ETHYLHEXYL) PHTHALATE	0.150	05/29/08	49912	Y	WS-M03-080507
West Site	M3	WS-M03-080507	BIS(2-ETHYLHEXYL) PHTHALATE	0.220	06/05/08	50262	Y	DUP-8
West Site	M3	WS-M03-091217	BIS(2-ETHYLHEXYL) PHTHALATE	0.051	01/05/10	64004	Y	WS-M03-091217
West Site	M4	WS-M04-080507	BIS(2-ETHYLHEXYL) PHTHALATE	0.230	06/04/08	49912	Y	WS-M04-080507
West Site	M4	WS-M04-091218	BIS(2-ETHYLHEXYL) PHTHALATE	0.072	01/05/10	64004	Y	WS-M04-091218
West Site	M4	WS-M04-091218	BIS(2-ETHYLHEXYL) PHTHALATE	0.066	01/08/10	64060	Y	DUP-44
West Site	N1	WS-N01-080506	BIS(2-ETHYLHEXYL) PHTHALATE	0.220	05/29/08	49912	Y	WS-N01-080506
West Site	N2	WS-N02-080506	BIS(2-ETHYLHEXYL) PHTHALATE	0.230	05/20/08	49912	Y	WS-N02-080506
West Site	N3	WS-N03-080507	BIS(2-ETHYLHEXYL) PHTHALATE	0.310	05/20/08	49912	Y	WS-N03-080507
West Site	O1	WS-O01-080506	BIS(2-ETHYLHEXYL) PHTHALATE	0.160	05/28/08	49912	Y	WS-O01-080506
West Site	O2	WS-O02-080506	BIS(2-ETHYLHEXYL) PHTHALATE	0.250	05/29/08	49912	Y	WS-O02-080506

Table Chrysene-1: Chrysene Data Quality Summary			
Laboratory Performance Criteria	Criteria	Measured	Comment
Minimum LCS Recovery	greater than 50%	69%	
Minimum Matrix Spike Recovery	greater than 35%	65%	
Minimum Surrogate Recovery	greater than 50%	18%	Terphenyl-D14
Average LCS Recovery	N/A	84%	
Average Matrix Spike Recovery	N/A	80%	
Average Surrogate Recovery	N/A	78%	Terphenyl-D14
Maximum MSD RPD	less than 35%	30%	
Average MSD RPD	N/A	8%	
Measurement Quality Objectives	Critera	Measured	
NPS CRM	Recovery greater than 0.398	Minimum Recovery =	0.770 mg/kg
EQIS CRM	Recovery greater than 0.458	Minimum Recovery =	0.640 mg/kg
CVS Split Analysis RPD	RPD less than 35%	Maximum RPD =	157 %
CRM Split Analysis RPD	RPD less than 35%	Maximum RPD =	33 %
Overall QC Indicator Measurements	Criteria	Measured	
NPS CRM "Made to" (Bias measure)	N/A	Average Recovery =	99.4 %
NPS Replicate Test (Precision measure)	None		
Data Quality Relative to Remediation Goals			
Tier 1 Remediation Goal		0.55 mg/kg	
Tier 2 Remediation Goal		None	
QC Derived Reliance Level		0.523 mg/kg See Note 1	

Comments: Surrogate recovery and LCS recovery are generally low, indicating a bias favoring low measurements. Occasionally, very low surrogate recovery (minimum 18%) was observed. Low minimum and low average matrix spike recoveries (65% and 80% respectively) indicate potential matrix interference that likely also indicates a bias favoring low measurements. An average recovery of the NPS CRM (99.4%) suggests no measurement bias, however, the data set is relatively small. Maximum CRM split analyses RPD (33%) and a maximum CVS split analysis RPD (157%) indicate compromised precision. The derived reliance level (0.523 mg/kg) is less than the RG (0.55 mg/kg), due primarily to measurement imprecision. No CVS results necessary for the RG achievement decision, however, exhibit concentrations above the derived reliance level. Therefore, confidence in decisions regarding achievement of the chrysene RG is not compromised and it is concluded that chrysene CVS measurements that are necessary to the evaluation of RG achievement are of acceptable quality and may be used to determine RG achievement.

Note 1: The standard deviation of NPS CRM split analyses (0.159 mg/kg) is used to represent measurement imprecision near the RG and is used with the assumption of no bias, in recognition of the good NPS CRMs recovery (99.4%), to calculate the derived reliance level (0.523 mg/kg). Derived reliance level is calculated as: (Tier 1 RG)(1.2)(Average Recovery)-(0.84)(Standard deviation) = (0.55)(1.2)(.994)-(0.84)(0.159) =0.523 mg/kg

Table Chrysene-2: Chrysene - NPS CRMs				
Blind NPS CRM Results				
Sample	Result	Analysis Date	Batch	Detect
BOR Sample 1-BOR 70	1.1	6/2/08	50169	Y
BO 50,55,58,72	0.77	6/23/08	50534	Y
BOR 102-96-99-105	0.8	7/9/08	51046	Y
BOR 103,97,100,106	0.98	7/21/08	51148	Y
BOR 104	1.1	7/21/08	51148	Y

CRMs		Vendor Supplied Information
Mean	0.950	*Made to*
Median	0.980	*0.956 mg/kg*
Standard Deviation	0.159	
Sample Variance	0.025	*Upper Acceptance Limit*
Kurtosis	-2.943	*1.18 mg/kg*
Skewness	-0.253	
Range	0.330	*Lower Acceptance Limit*
Minimum	0.770	*0.398 mg/kg*
Maximum	1.100	
Sum	4.750	
Count	5.000	
Largest(2)	1.100	
Smallest(2)	0.800	

Table Chrysene-3: Chrysene NPS and EQIS Duplicates

Sample	Result	Analysis Date	Batch	Split	Result	Analysis Date	RPD
BOR 501	0.0270	6/4/08	50262	WS-L04-080508	0.0041	5/20/2008	147
BOR 500	0.0810	6/11/08	50403	WS-F01-080429	0.0830	5/15/2008	2
BOR 505	0.0800	6/23/08	50534	WS-K03-080509	0.0880	6/2/2008	10
BOR 504	0.0040	6/26/08	50781	ES-M05-080527	0.0040	6/4/2008	
BOR 506	0.0040	6/26/08	50781	ES-S10-080523	0.0041	6/4/2008	
BOR 502	0.2500	7/21/08	51148	WS-F05-080612	0.1100	7/9/2008	78
BOR 507	0.0040	7/21/08	51148	ES-O09-080610	0.0041	6/28/2008	
BOR 508	0.0040	7/21/08	51148	ES-Q11-080606	0.0041	6/20/2008	
BOR 509	0.0040	7/21/08	51148	WS-E06-080613	0.0041	7/17/2008	
BOR 510	0.0040	7/21/08	51148	OU-8HR-080605	0.0041	6/20/2008	
DUP-1	0.0200	5/15/08	49841	WS-E02-080428	0.0041	5/15/2008	132
DUP-2	0.0041	5/15/08	49841	WS-D02-080429	0.0041	5/15/2008	
DUP-3	0.0340	5/30/08	50159	WS-C01-080501	0.0041	5/15/2008	157
DUP-4	0.0200	5/30/08	50159	WS-G01-080501	0.0400	5/15/2008	67
DUP-5	0.0550	5/30/08	50159	WS-I01-080501	0.0580	5/29/2008	5
DUP-7	0.0680	5/30/08	50159	WS-M01-080505	0.0690	5/29/2008	1
DUP-8	1.5000	6/5/08	50262	WS-M03-080507	0.9600	5/29/2008	44
DUP-6	0.1600	6/5/08	50282	WS-J01-080505	0.1400	5/29/2008	13
DUP-9	0.0220	6/5/08	50282	WS-L04-080508	0.0041	5/20/2008	137
DUP-11	0.0240	6/20/08	50635	ES-J03-080513	0.0350	6/2/2008	37
DUP-10	0.0040	6/23/08	50534	WS-K04-080513	0.0270	6/2/2008	148
DUP-15	0.0041	6/26/08	50781	ES-J02-080527	0.0041	6/4/2008	
DUP-12	0.0041	6/28/08	50807	ES-P06-080515	0.0041	6/2/2008	
DUP-13	0.0041	6/28/08	50807	ES-T08-080522	0.0041	6/4/2008	
DUP-14	0.0410	7/9/08	51046	ES-T10-080523	0.0380	6/4/2008	8
DUP-16	0.0041	7/18/08	51147	ES-P04-080528	0.0041	6/5/2008	
DUP-18	0.0041	7/21/08	51148	ES-J04-080530	0.0041	6/23/2008	
DUP-19	0.0290	7/21/08	51148	ES-K05-080605	0.0180	6/20/2008	47
DUP-17	0.0270	7/25/08	51406	ES-F01-080529	0.0041	6/23/2008	147
DUP-44	0.0030	1/8/10	64060	WS-M04-091218	0.0030	1/5/2010	0

[ ] Below reporting limit. Reporting limit shown.

RPD of Sample Splits	
Mean	65.616
Median	45.355
Standard Deviation	61.892
Sample Variance	3830.571
Kurtosis	-1.640
Skewness	0.420
Range	156.955
Minimum	0.000
Maximum	156.955
Sum	1181.095
Count	18.000
Largest(2)	148.387
Smallest(2)	1.460

Table Chrysene-4: Chrysene EQIS CRMs

Results of Duplicate Analysis of EQIS CRMs

Sample	Result	Date	Batch	Detect	Average	RPD
WS-Z01-080430	1	5/20/08	49912	Y		
ES-Z05-080519	1	5/30/08	50159	Y	1.00	0
ES-Z06-080520	1.1	5/30/08	50159	Y		
ES-Z07-080522	1	5/30/08	50159	Y	1.05	10
ES-Z08-080527	0.97	6/5/08	50262	Y		
ES-Z09-080529	0.97	6/5/08	50282	Y	0.97	0
ES-Z11-080605	0.92	6/20/08	50635	Y		
ES-Z10-080602	0.89	6/23/08	50534	Y	0.91	3
ES-Z14-080611 A	0.89	6/26/08	50781	Y		
ES-Z14-080611 B	0.89	6/26/08	50781	Y	0.89	0
WS-Z15-080613 A	0.93	6/26/08	50781	Y		
WS-Z15-080613 B	0.94	6/26/08	50781	Y	0.94	1
ES-Z12-080606-A	0.88	6/28/08	50807	Y		
ES-Z12-080606-B	0.82	6/28/08	50807	Y	0.85	7
ES-Z13-080610 A	0.77	6/28/08	50807	Y		
ES-Z13-080610 B	0.71	6/28/08	50807	Y	0.74	8
ES-Z11-080605 B	0.83	7/9/08	51044	Y		
WS-Z16-080617-A	0.78	7/9/08	51044	Y	0.81	6
WS-Z16-080617-B	0.82	7/9/08	51044	Y		
WS-Z18-080620 A	0.86	7/9/08	51046	Y	0.84	5
WS-Z18-080620 B	0.79	7/9/08	51046	Y		
ES-Z05-080519 B	1.1	7/17/08	50786	Y	0.95	33
ES-Z06-080520 B	1.2	7/17/08	50786	Y		
ES-Z08-080527 B	1.2	7/17/08	50786	Y	1.20	0
ES-Z09-080529 B	1.1	7/17/08	50786	Y		
ES-Z10-080602 B	1.1	7/17/08	50786	Y	1.10	0
WS-Z01-080430 B	1.2	7/17/08	50786	Y		
WS-Z17-080618 A	1.2	7/18/08	51147	Y	1.20	0
ES-Z19-080624 A	0.84	7/21/08	51148	Y		
ES-Z19-080624 B	0.87	7/21/08	51148	Y	0.86	4
ES-Z07-080522 B	1.3	7/25/08	51406	Y		
WS-Z17-080618 B	1.2	7/25/08	51406	Y	1.25	8
WS-Z29-091217A	0.67	1/5/10	64004	Y		
WS-Z29-091217B	0.64	1/5/10	64004	Y	0.66	5

Analysis of EQIS CRMs	
Mean	0.952
Median	0.925
Standard Deviation	0.169
Sample Variance	0.029
Kurtosis	-0.693
Skewness	0.254
Range	0.660
Minimum	0.640
Maximum	1.300
Sum	32.380
Count	34.000
Largest(2)	1.200
Smallest(2)	0.670

RPD of EQIS CRMs	
Mean	5.232
Median	3.509
Standard Deviation	7.857
Sample Variance	61.734
Kurtosis	10.281
Skewness	2.942
Range	32.804
Minimum	0.000
Maximum	32.804
Sum	88.941
Count	17.000
Largest(2)	9.524
Smallest(2)	0.000

Table Chrysene-5: Chrysene MS and LCS					
Matrix Spike Recovery %	Batch	Order	LCS Recovery %	Batch	Order
86	49841	2	96	49841	2
70	49912	3	84	49912	3
77	50159	4	82	50159	4
68	50169	5	86	50169	5
87	50262	6	88	50262	6
80	50282	7	83	50282	7
72	50403	8	78	50403	8
83	50635	9	82	50635	9
93	50534	10	80	50534	10
75	50781	11	85	50781	11
68	50807	12	70	50807	12
65	51044	13	74	51044	13
68	51046	14	69	51046	14
95	51151	16	96	50786	15
97	51147	17	96	51151	16
90	51148	18	90	51147	17
83	51406	19	96	51148	18
82	56623	25	96	51406	19
74	64004	26	78	56623	25
93	64060	27	87	64004	26
73	70158	28	90	64060	27
			72	70158	28
Average MS Recovery = 80 %			Average LCS Recovery = 84 %		
Minimum MS Recovery = 65 %			Minimum LCS Recovery = 69 %		

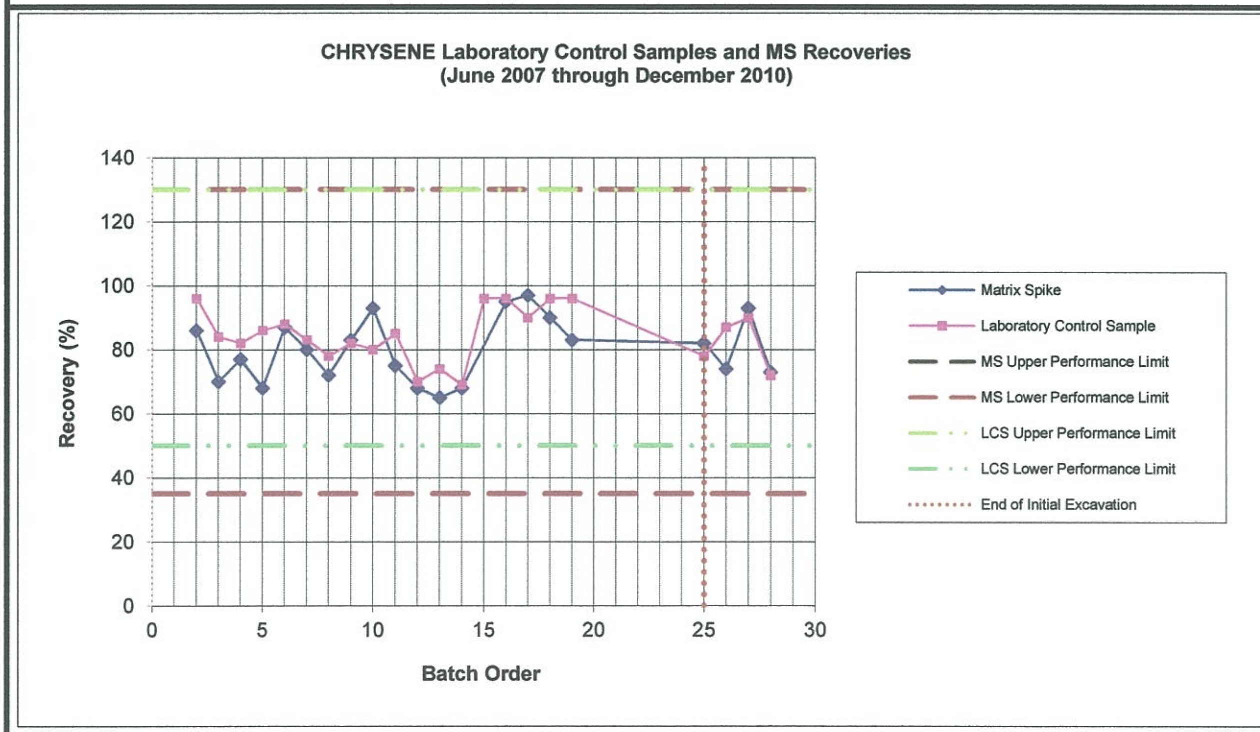


Table Chrysene-6: Chrysene - Laboratory MSD				
Sample	Date	RPD	Batch	Order
WS-F02-080429MSD	5/15/08	30	49841	2
WS-N03-080507MSD	5/23/08	4	49912	3
WS-K05-080509MSD	5/30/08	5	50159	4
WS-K02-080509MSD	6/2/08	21	50169	5
BOR 52, 54, 57, 71MSD	6/4/08	9	50262	6
ES-S07-080521MSD	6/5/08	7	50282	7
BOR 500MSD	6/11/08	1	50403	8
ES-K02-080602MSD	6/20/08	3	50635	9
ES-V11-080529MSD	6/23/08	26	50534	10
ES-N09-080610MSD	6/26/08	3	50781	11
ES-L06-080605MSD	6/28/08	2	50807	12
WS-E04-080613MSD	7/9/08	4	51044	13
WS-C05-080620MSD	7/9/08	8	51046	14
WS-D04-080623MSD	7/17/08	4	51151	16
WS-I02-080618MSD	7/18/08	10	51147	17
ES-C01-080624MSD	7/21/08	1	51148	18
WS-K04-080513MSD	7/25/08	5	51406	19
ES-J03-090323MSD	4/3/09	2	56623	25
WS-M04-091218MSD	1/5/10	13	64004	26
DUP-44MSD	1/8/10	0	64060	27
ES-SB3-100901MSD	9/17/10	13	70158	28

Average MSD RPD = 8 %

Maximum MSD RPD = 30 %

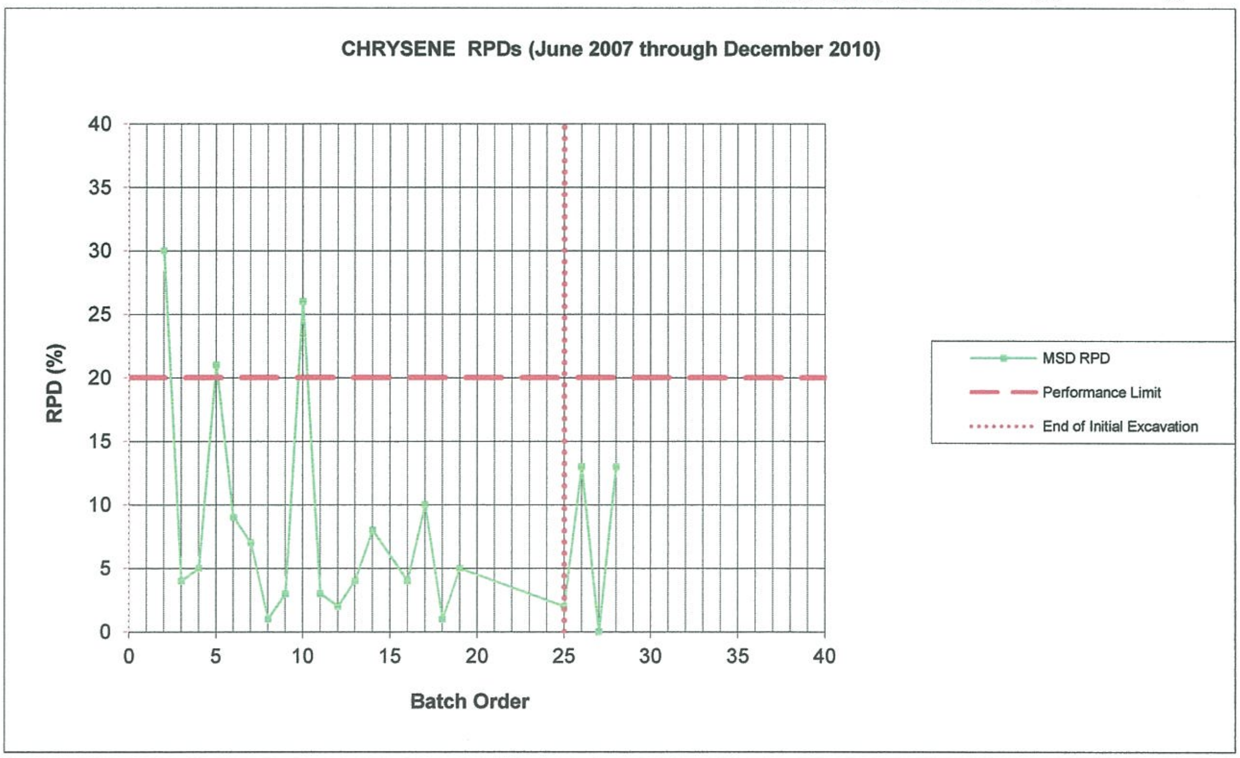


Table Chrysene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries

Sample	Recovery	Date	Batch	Order
WS-K04-080513	44	39601	50169	76
ES-R06-080521	43	39604	50282	113
ES-Q05-080520	51	39604	50282	124
ES-P07-080519	40	39610	50403	135
ES-Q10-D0	36	39882	56175	360
ES-P10-B1	52	39883	56192	373
ES-P10-C1	47	39883	56192	379
ES-R09-A1	18	39884	56245	389
ES-T09-B1	18	39889	56337	407
ES-N06-C0	48	39889	56337	416

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	78
Median	77
Mode	73
Standard Deviation	13
Minimum	18

Table Chrysene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries (Graph)

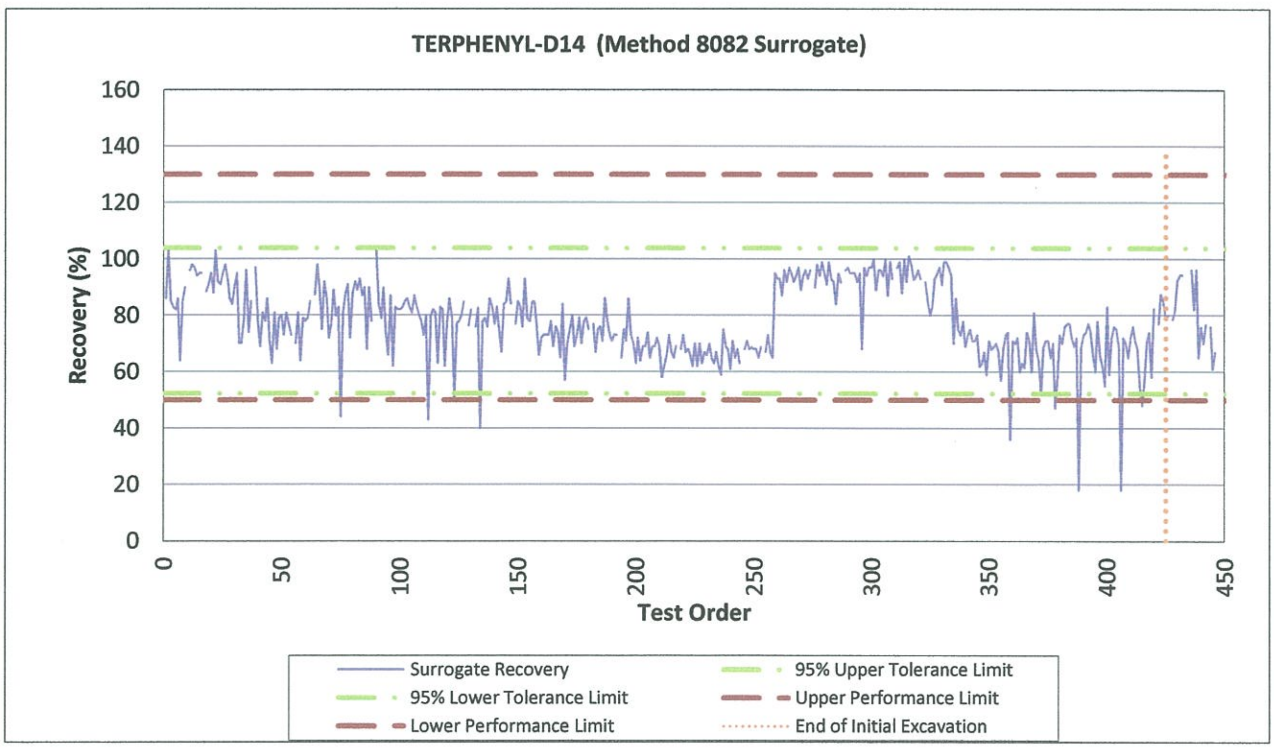
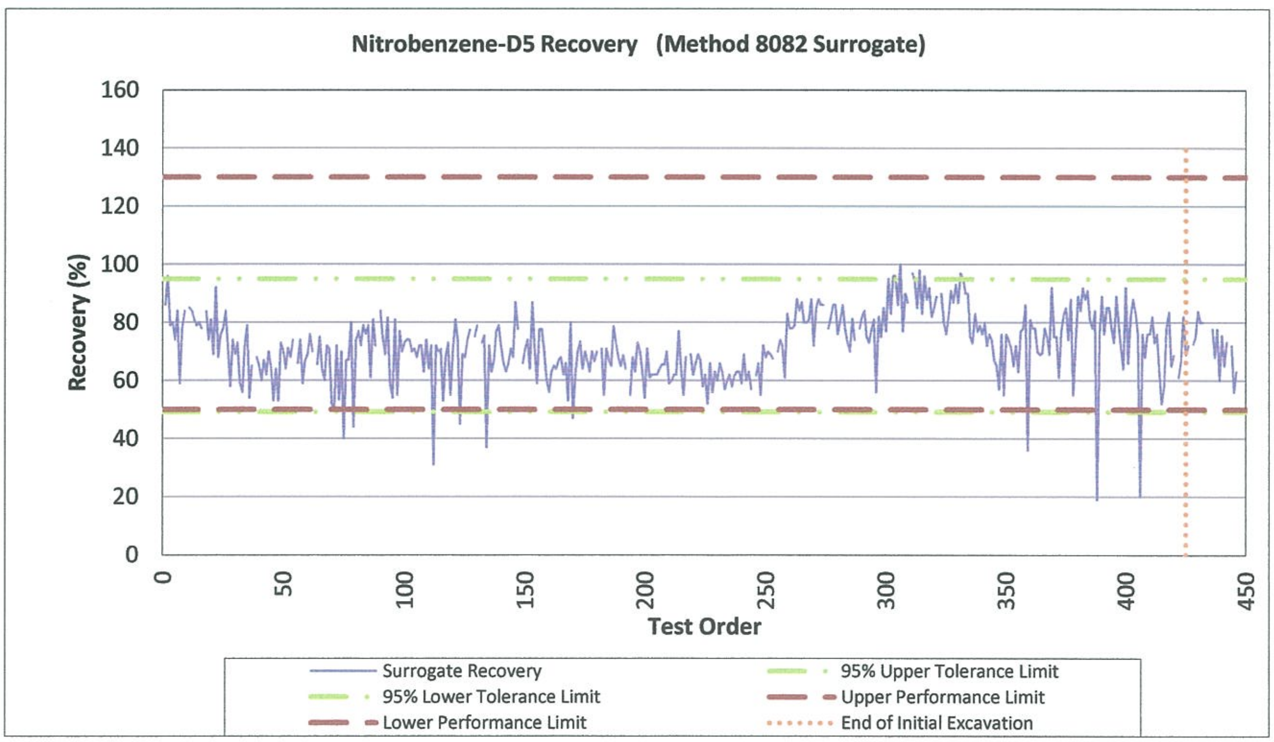


Table Chrysene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries				
Sample	Recovery	Date	Batch	Order
ES-R09-A1	19	39884	56245	11
ES-T09-B1	20	39889	56337	18
ES-R06-080521	31	39604	50282	39
ES-Q10-D0	36	39882	56175	56
ES-P07-080519	37	39610	50403	64
WS-K04-080513	40	39601	50169	90
ES-N04-080519	44	39601	50169	129
ES-Q05-080520	45	39604	50282	132
ES-T11-080530	47	39622	50534	149
WS-J02-080624	95	39650	51148	182
ES-E02-080611	95	39654	51406	194
A7E080000081B	96	39212	7128081	219
ES-C01-080624	96	39650	51148	246
WS-C04-080623	96	39650	51148	255
ES-A01-080623	96	39650	51148	276
BOR 508	97	39650	51148	289
ES-Z07-080522 B	97	39654	51406	311
DUP-18	98	39650	51148	323
577697	100	39650	51148	422

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	72
Median	72
Mode	70
Standard Deviation	11
Minimum	19

Table Chrysene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries (Graph)



CHRYSENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	A1	ES-A01-080623	CHRYSENE	0.0730	07/21/08	51148	Y	ES-A01-080623
East Site	B1	ES-B01-080623	CHRYSENE	0.2300	07/21/08	51148	Y	ES-B01-080623
East Site	C1	ES-C01-080624	CHRYSENE	0.0041	07/21/08	51148	N	ES-C01-080624
East Site	D1	ES-D01-080624	CHRYSENE	0.0041	07/21/08	51148	N	ES-D01-080624
East Site	E1	ES-E01-080528	CHRYSENE	0.0190	06/05/08	50282	Y	ES-E01-080528
East Site	E2	ES-E02-080611	CHRYSENE	0.0600	07/25/08	51406	Y	ES-E02-080611
East Site	F1	ES-F01-080529	CHRYSENE	0.0041	06/23/08	50534	N	ES-F01-080529
East Site	F1	ES-F01-080529	CHRYSENE	0.0270	07/25/08	51406	Y	DUP-17
East Site	G1	ES-G01-080529	CHRYSENE	0.0041	06/23/08	50534	N	ES-G01-080529
East Site	G2	ES-G02-080605	CHRYSENE	0.0041	06/20/08	50635	N	ES-G02-080605
East Site	H1	ES-H01-080528	CHRYSENE	0.0160	06/05/08	50282	Y	ES-H01-080528
East Site	H2	ES-H02-080515	CHRYSENE	0.0300	06/02/08	50169	Y	ES-H02-080515
East Site	H3	ES-H03-080605	CHRYSENE	0.0270	06/20/08	50635	Y	ES-H03-080605
East Site	I1	ES-I01-080529	CHRYSENE	0.0041	06/23/08	50534	N	ES-I01-080529
East Site	I2	ES-I02-080514	CHRYSENE	0.0041	06/02/08	50169	N	ES-I02-080514
East Site	I3	ES-I03-080513	CHRYSENE	0.0041	06/02/08	50169	N	ES-I03-080513
East Site	I4	ES-I04-080602	CHRYSENE	0.0041	06/23/08	50534	N	ES-I04-080602
East Site	J1	ES-J01-080529	CHRYSENE	0.0520	06/23/08	50534	Y	ES-J01-080529
East Site	J2	ES-J02-080527	CHRYSENE	0.0041	06/04/08	50262	N	ES-J02-080527
East Site	J2	ES-J02-080527	CHRYSENE	0.0041	06/26/08	50781	N	DUP-15
East Site	J3	ES-J03-080513	CHRYSENE	0.0350	06/02/08	50169	Y	ES-J03-080513
East Site	J3	ES-J03-080513	CHRYSENE	0.0240	06/20/08	50635	Y	DUP-11
East Site	J3	ES-J03-090323	CHRYSENE	0.0200	04/03/09	56623	Y	ES-J03-090323
East Site	J4	ES-J04-080530	CHRYSENE	0.0041	06/23/08	50534	N	ES-J04-080530
East Site	J4	ES-J04-080530	CHRYSENE	0.0041	07/21/08	51148	N	DUP-18
East Site	J5	ES-J05-080602	CHRYSENE	0.0041	06/23/08	50534	N	ES-J05-080602
East Site	K1	ES-K01-080602	CHRYSENE	0.0041	06/23/08	50534	N	ES-K01-080602
East Site	K2	ES-K02-080602	CHRYSENE	0.0041	06/20/08	50635	N	ES-K02-080602
East Site	K3	ES-K03-080514	CHRYSENE	0.0500	06/02/08	50169	Y	ES-K03-080514
East Site	K4	ES-K04-080527	CHRYSENE	0.0041	06/04/08	50262	N	ES-K04-080527
East Site	K5	ES-K05-080605	CHRYSENE	0.0180	06/20/08	50635	Y	ES-K05-080605
East Site	K5	ES-K05-080605	CHRYSENE	0.0290	07/21/08	51148	Y	DUP-19
East Site	K7	ES-K07-080611	CHRYSENE	0.3100	06/26/08	50781	Y	ES-K07-080611
East Site	L1	ES-L01-080625	CHRYSENE	0.0130	07/17/08	51151	Y	ES-L01-080625
East Site	L2	ES-L02-080625	CHRYSENE	0.0041	07/17/08	51151	N	ES-L02-080625
East Site	L3	ES-L03-080604	CHRYSENE	0.1200	06/20/08	50635	Y	ES-L03-080604
East Site	L4	ES-L04-080604	CHRYSENE	0.0041	06/20/08	50635	N	ES-L04-080604
East Site	L5	ES-L05-080620	CHRYSENE	0.0041	07/18/08	51147	N	ES-L05-080620
East Site	L6	ES-L06-080605	CHRYSENE	0.0041	06/28/08	50807	N	ES-L06-080605
East Site	M1	ES-M01-080527	CHRYSENE	0.0041	06/04/08	50262	N	ES-M01-080527
East Site	M2	ES-M02-080519	CHRYSENE	0.0041	06/05/08	50282	N	ES-M02-080519
East Site	M3	ES-M03-080519	CHRYSENE	0.0190	06/03/08	50169	Y	ES-M03-080519
East Site	M4	ES-M04-080515	CHRYSENE	0.0041	06/02/08	50169	N	ES-M04-080515
East Site	M5	ES-M05-080527	CHRYSENE	0.0040	06/04/08	50262	N	ES-M05-080527
East Site	M6	ES-M06-080520	CHRYSENE	0.0120	06/05/08	50282	Y	ES-M06-080520
East Site	M7	ES-M07-080612	CHRYSENE	0.0041	07/09/08	51046	N	ES-M07-080612

CHRYSENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	M8	ES-M08-080610	CHRYSENE	0.2500	06/28/08	50807	Y	ES-M08-080610
East Site	M9	ES-M09-080611	CHRYSENE	0.0041	06/26/08	50781	N	ES-M09-080611
East Site	N2	ES-N02-080528	CHRYSENE	0.0041	06/05/08	50262	N	ES-N02-080528
East Site	N3	ES-N03-080520	CHRYSENE	0.0041	06/05/08	50282	N	ES-N03-080520
East Site	N4	ES-N04-080519	CHRYSENE	0.0041	06/02/08	50169	N	ES-N04-080519
East Site	N4	ES-N04-080519	CHRYSENE	0.0041	07/25/08	51406	N	ES-N04-080519
East Site	N5	ES-N05-080519	CHRYSENE	0.0041	06/02/08	50169	N	ES-N05-080519
East Site	N6	ES-N06-080527	CHRYSENE	0.0041	06/04/08	50262	N	ES-N06-080527
East Site	N7	ES-N07-080530	CHRYSENE	0.0041	06/23/08	50534	N	ES-N07-080530
East Site	N8	ES-N08-080610	CHRYSENE	0.0260	06/28/08	50807	Y	ES-N08-080610
East Site	N9	ES-N09-080610	CHRYSENE	0.0041	06/26/08	50781	N	ES-N09-080610
East Site	N10	ES-N10-080610	CHRYSENE	0.0041	06/28/08	50807	N	ES-N10-080610
East Site	O3	ES-O03-080528	CHRYSENE	0.0041	06/05/08	50262	N	ES-O03-080528
East Site	O4	ES-O04-080515	CHRYSENE	0.0041	06/02/08	50169	N	ES-O04-080515
East Site	O5	ES-O05-080520	CHRYSENE	0.0270	06/05/08	50282	Y	ES-O05-080520
East Site	O6	ES-O06-080529	CHRYSENE	0.0041	06/23/08	50534	N	ES-O06-080529
East Site	O7	ES-O07-080530	CHRYSENE	0.0041	06/23/08	50534	N	ES-O07-080530
East Site	O8	ES-O08-080530	CHRYSENE	0.0041	06/23/08	50534	N	ES-O08-080530
East Site	O9	ES-O09-080610	CHRYSENE	0.0041	06/28/08	50807	N	ES-O09-080610
East Site	O10	ES-O10-080611	CHRYSENE	0.0610	06/26/08	50781	Y	ES-O10-080611
East Site	P4	ES-P04-080528	CHRYSENE	0.0041	06/05/08	50282	N	ES-P04-080528
East Site	P4	ES-P04-080528	CHRYSENE	0.0041	07/18/08	51147	N	DUP-16
East Site	P5	ES-P05-080513	CHRYSENE	0.0041	06/02/08	50169	N	ES-P05-080513
East Site	P6	ES-P06-080515	CHRYSENE	0.0041	06/02/08	50169	N	ES-P06-080515
East Site	P6	ES-P06-080515	CHRYSENE	0.0041	06/28/08	50807	N	DUP-12
East Site	P7	ES-P07-080519	CHRYSENE	0.0041	06/11/08	50403	N	ES-P07-080519
East Site	P7	ES-P07-080519	CHRYSENE	0.0041	07/25/08	51406	N	ES-P07-080519
East Site	P8	ES-P08-080530	CHRYSENE	0.0041	06/23/08	50534	N	ES-P08-080530
East Site	P10	ES-P10-080606	CHRYSENE	0.0041	06/20/08	50635	N	ES-P10-080606
East Site	P11	ES-P11-080606	CHRYSENE	0.0041	06/20/08	50635	N	ES-P11-080606
East Site	Q5	ES-Q05-080520	CHRYSENE	0.0041	06/05/08	50282	N	ES-Q05-080520
East Site	Q5	ES-Q05-080520	CHRYSENE	0.0330	07/25/08	51406	Y	ES-Q05-080520
East Site	Q6	ES-Q06-080520	CHRYSENE	0.0370	06/05/08	50282	Y	ES-Q06-080520
East Site	Q7	ES-Q07-080519	CHRYSENE	0.0041	06/03/08	50169	N	ES-Q07-080519
East Site	Q8	ES-Q08-080519	CHRYSENE	0.1000	06/03/08	50169	Y	ES-Q08-080519
East Site	Q9	ES-Q09-080612	CHRYSENE	0.0041	06/26/08	50781	N	ES-Q09-080612
East Site	Q10	ES-Q10-080606	CHRYSENE	0.1400	06/20/08	50635	Y	ES-Q10-080606
East Site	Q11	ES-Q11-080606	CHRYSENE	0.0041	06/20/08	50635	N	ES-Q11-080606
East Site	Q17	ES-Q17-080609	CHRYSENE	0.0041	06/28/08	50807	N	ES-Q17-080609
East Site	R5	ES-R05-080521	CHRYSENE	0.0500	06/05/08	50282	Y	ES-R05-080521
East Site	R6	ES-R06-080521	CHRYSENE	0.0041	06/05/08	50282	N	ES-R06-080521
East Site	R6	ES-R06-080521	CHRYSENE	0.0041	07/25/08	51406	N	ES-R06-080521
East Site	R7	ES-R07-080521	CHRYSENE	0.0041	06/05/08	50282	N	ES-R07-080521
East Site	R8	ES-R08-080519	CHRYSENE	0.0240	06/05/08	50282	Y	ES-R08-080519
East Site	R9	ES-R09-080520	CHRYSENE	0.0120	06/11/08	50403	Y	ES-R09-080520
East Site	R10	ES-R10-080602	CHRYSENE	0.0041	06/23/08	50534	N	ES-R10-080602

CHRYSENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	R11	ES-R11-080605	CHRYSENE	0.0041	06/20/08	50635	N	ES-R11-080605
East Site	R12	ES-R12-080611	CHRYSENE	0.0041	06/26/08	50781	N	ES-R12-080611
East Site	R16	ES-R16-080605	CHRYSENE	0.0041	06/20/08	50635	N	ES-R16-080605
East Site	R17	ES-R17-080606	CHRYSENE	0.0041	06/20/08	50635	N	ES-R17-080606
East Site	S5	ES-S05-080521	CHRYSENE	0.0560	06/05/08	50282	Y	ES-S05-080521
East Site	S6	ES-S06-080521	CHRYSENE	0.0180	06/05/08	50282	Y	ES-S06-080521
East Site	S7	ES-S07-080521	CHRYSENE	0.0041	06/05/08	50282	N	ES-S07-080521
East Site	S8	ES-S08-080522	CHRYSENE	0.0440	06/04/08	50262	Y	ES-S08-080522
East Site	S9	ES-S09-080522	CHRYSENE	0.0041	06/04/08	50262	N	ES-S09-080522
East Site	S10	ES-S10-080523	CHRYSENE	0.0041	06/04/08	50262	N	ES-S10-080523
East Site	S11	ES-S11-080528	CHRYSENE	0.0041	06/05/08	50262	N	ES-S11-080528
East Site	S12	ES-S12-080609	CHRYSENE	0.0041	06/28/08	50807	N	ES-S12-080609
East Site	S13	ES-S13-080610	CHRYSENE	0.0041	06/28/08	50807	N	ES-S13-080610
East Site	S17	ES-S17-080606	CHRYSENE	0.0041	06/20/08	50635	N	ES-S17-080606
East Site	S18	ES-S18-080606	CHRYSENE	0.0041	06/20/08	50635	N	ES-S18-080606
East Site	T7	ES-T07-080612	CHRYSENE	0.0041	06/26/08	50781	N	ES-T07-080612
East Site	T8	ES-T08-080522	CHRYSENE	0.0041	06/04/08	50262	N	ES-T08-080522
East Site	T8	ES-T08-080522	CHRYSENE	0.0041	06/28/08	50807	N	DUP-13
East Site	T9	ES-T09-080522	CHRYSENE	0.0130	06/04/08	50262	Y	ES-T09-080522
East Site	T10	ES-T10-080523	CHRYSENE	0.0380	06/04/08	50262	Y	ES-T10-080523
East Site	T10	ES-T10-080523	CHRYSENE	0.0410	07/09/08	51046	Y	DUP-14
East Site	T11	ES-T11-080530	CHRYSENE	0.0041	06/23/08	50534	N	ES-T11-080530
East Site	T11	ES-T11-080530	CHRYSENE	0.0041	07/25/08	51406	N	ES-T11-080530
East Site	T12	ES-T12-080609	CHRYSENE	0.0041	06/28/08	50807	N	ES-T12-080609
East Site	T13	ES-T13-080609	CHRYSENE	0.0041	06/28/08	50807	N	ES-T13-080609
East Site	T14	ES-T14-080610	CHRYSENE	0.0041	06/28/08	50807	N	ES-T14-080610
East Site	U10	ES-U10-080523	CHRYSENE	0.0110	06/04/08	50262	Y	ES-U10-080523
East Site	U11	ES-U11-080602	CHRYSENE	0.0041	06/20/08	50635	N	ES-U11-080602
East Site	U13	ES-U13-080610	CHRYSENE	0.0041	06/28/08	50807	N	ES-U13-080610
East Site	U14	ES-U14-080610	CHRYSENE	0.0041	06/28/08	50807	N	ES-U14-080610
East Site	V11	ES-V11-080529	CHRYSENE	0.2600	06/23/08	50534	Y	ES-V11-080529
East Site	V14	ES-V14-080605	CHRYSENE	0.0270	06/20/08	50635	Y	ES-V14-080605
East Site	W12	ES-W12-080527	CHRYSENE	0.0780	06/04/08	50262	Y	ES-W12-080527
West Site	A4	WS-A04-080626	CHRYSENE	0.0120	07/17/08	51151	Y	WS-A04-080626
West Site	B2	WS-B02-080502	CHRYSENE	0.0041	05/29/08	49912	N	WS-B02-080502
West Site	B3	WS-B03-080502	CHRYSENE	0.0600	05/20/08	49912	Y	WS-B03-080502
West Site	B4	WS-B04-080626	CHRYSENE	0.0041	07/17/08	51151	N	WS-B04-080626
West Site	B5	WS-B05-080626	CHRYSENE	0.0041	07/17/08	51151	N	WS-B05-080626
West Site	C1	WS-C01-080501	CHRYSENE	0.0041	05/15/08	49841	N	WS-C01-080501
West Site	C1	WS-C01-080501	CHRYSENE	0.0340	05/30/08	50159	Y	DUP-3
West Site	C2	WS-C02-080428	CHRYSENE	0.0041	05/15/08	49841	N	WS-C02-080428
West Site	C3	WS-C03-080620	CHRYSENE	0.0041	07/18/08	51147	N	WS-C03-080620
West Site	C4	WS-C04-080623	CHRYSENE	0.0480	07/21/08	51148	Y	WS-C04-080623
West Site	C5	WS-C05-080620	CHRYSENE	0.0041	07/09/08	51046	N	WS-C05-080620
West Site	C6	WS-C06-080624	CHRYSENE	0.0041	07/21/08	51148	N	WS-C06-080624
West Site	D1	WS-D01-080430	CHRYSENE	0.0040	05/15/08	49841	N	WS-D01-080430

CHRYSENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	D2	WS-D02-080429	CHRYSENE	0.0041	05/15/08	49841	N	WS-D02-080429
West Site	D2	WS-D02-080429	CHRYSENE	0.0041	05/15/08	49841	N	DUP-2
West Site	D3	WS-D03-080620	CHRYSENE	0.0041	07/18/08	51147	N	WS-D03-080620
West Site	D4	WS-D04-080623	CHRYSENE	0.2200	07/17/08	51151	Y	WS-D04-080623
West Site	D5	WS-D05-080620	CHRYSENE	0.0041	07/18/08	51147	N	WS-D05-080620
West Site	D6	WS-D06-080619	CHRYSENE	0.0041	07/18/08	51147	N	WS-D06-080619
West Site	D7	WS-D07-080619	CHRYSENE	0.0041	07/18/08	51147	N	WS-D07-080619
West Site	E1	WS-E01-080430	CHRYSENE	0.0270	05/15/08	49841	Y	WS-E01-080430
West Site	E2	WS-E02-080428	CHRYSENE	0.0200	05/15/08	49841	Y	DUP-1
West Site	E2	WS-E02-080428	CHRYSENE	0.0041	05/15/08	49841	N	WS-E02-080428
West Site	E3	WS-E03-080619	CHRYSENE	0.0041	07/18/08	51147	N	WS-E03-080619
West Site	E4	WS-E04-080613	CHRYSENE	0.0041	07/09/08	51044	N	WS-E04-080613
West Site	E5	WS-E05-080613	CHRYSENE	0.0041	06/26/08	50781	N	WS-E05-080613
West Site	E6	WS-E06-080613	CHRYSENE	0.0041	07/17/08	51151	N	WS-E06-080613
West Site	E7	WS-E07-080613	CHRYSENE	0.0041	07/09/08	51044	N	WS-E07-080613
West Site	E8	WS-E08-080616	CHRYSENE	0.0380	07/09/08	51044	Y	WS-E08-080616
West Site	F1	WS-F01-080429	CHRYSENE	0.0830	05/15/08	49841	Y	WS-F01-080429
West Site	F2	WS-F02-080429	CHRYSENE	0.0230	05/15/08	49841	Y	WS-F02-080429
West Site	F3	WS-F03-080619	CHRYSENE	0.0041	07/18/08	51147	N	WS-F03-080619
West Site	F4	WS-F04-080616	CHRYSENE	0.0041	07/09/08	51044	N	WS-F04-080616
West Site	F5	WS-F05-080612	CHRYSENE	0.1100	07/09/08	51044	Y	WS-F05-080612
West Site	F6	WS-F06-080612	CHRYSENE	0.0041	07/09/08	51044	N	WS-F06-080612
West Site	F7	WS-F07-080617	CHRYSENE	0.0041	07/09/08	51044	N	WS-F07-080617
West Site	F8	WS-F08-080618	CHRYSENE	0.0710	07/18/08	51147	Y	WS-F08-080618
West Site	G1	WS-G01-080501	CHRYSENE	0.0400	05/15/08	49841	Y	WS-G01-080501
West Site	G1	WS-G01-080501	CHRYSENE	0.0200	05/30/08	50159	Y	DUP-4
West Site	G2	WS-G02-080618	CHRYSENE	0.0041	07/18/08	51147	N	WS-G02-080618
West Site	G3	WS-G03-080619	CHRYSENE	0.0041	07/18/08	51147	N	WS-G03-080619
West Site	G4	WS-G04-080616	CHRYSENE	0.0041	07/09/08	51044	N	WS-G04-080616
West Site	G5	WS-G05-080613	CHRYSENE	0.0710	06/26/08	50781	Y	WS-G05-080613
West Site	G6	WS-G06-080616	CHRYSENE	0.0041	07/09/08	51044	N	WS-G06-080616
West Site	G7	WS-G07-080617	CHRYSENE	0.1000	07/09/08	51044	Y	WS-G07-080617
West Site	H1	WS-H01-080501	CHRYSENE	0.0410	05/20/08	49912	Y	WS-H01-080501
West Site	H2	WS-H02-080618	CHRYSENE	0.0041	07/18/08	51147	N	WS-H02-080618
West Site	H3	WS-H03-080619	CHRYSENE	0.0041	07/18/08	51147	N	WS-H03-080619
West Site	H4	WS-H04-080616	CHRYSENE	0.0041	07/09/08	51044	N	WS-H04-080616
West Site	H5	WS-H05-080613	CHRYSENE	0.0230	07/09/08	51044	Y	WS-H05-080613
West Site	H6	WS-H06-080617	CHRYSENE	0.0190	07/09/08	51044	Y	WS-H06-080617
West Site	I1	WS-I01-080501	CHRYSENE	0.0580	05/29/08	49912	Y	WS-I01-080501
West Site	I1	WS-I01-080501	CHRYSENE	0.0550	05/30/08	50159	Y	DUP-5
West Site	I2	WS-I02-080618	CHRYSENE	0.0041	07/18/08	51147	N	WS-I02-080618
West Site	I3	WS-I03-080618	CHRYSENE	0.0530	07/18/08	51147	Y	WS-I03-080618
West Site	I4	WS-I04-080617	CHRYSENE	0.0041	07/09/08	51044	N	WS-I04-080617
West Site	I5	WS-I05-080617	CHRYSENE	0.0480	07/09/08	51044	Y	WS-I05-080617
West Site	I6	WS-I06-080617	CHRYSENE	0.0840	07/09/08	51044	Y	WS-I06-080617
West Site	J1	WS-J01-080505	CHRYSENE	0.1400	05/29/08	49912	Y	WS-J01-080505

CHRYSENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
West Site	J1	WS-J01-080505	CHRYSENE	0.1600	06/05/08	50282	Y	DUP-6
West Site	J2	WS-J02-080624	CHRYSENE	0.0500	07/21/08	51148	Y	WS-J02-080624
West Site	J3	WS-J03-080620	CHRYSENE	0.0570	07/09/08	51046	Y	WS-J03-080620
West Site	J4	WS-J04-080617	CHRYSENE	0.0590	07/09/08	51044	Y	WS-J04-080617
West Site	J5	WS-J05-080618	CHRYSENE	0.1400	07/18/08	51147	Y	WS-J05-080618
West Site	K1	WS-K01-080505	CHRYSENE	0.0780	05/28/08	49912	Y	WS-K01-080505
West Site	K2	WS-K02-080509	CHRYSENE	0.0460	06/02/08	50169	Y	WS-K02-080509
West Site	K3	WS-K03-080509	CHRYSENE	0.0880	06/02/08	50169	Y	WS-K03-080509
West Site	K4	WS-K04-080513	CHRYSENE	0.0270	06/02/08	50169	Y	WS-K04-080513
West Site	K4	WS-K04-080513	CHRYSENE	0.0040	06/23/08	50534	N	DUP-10
West Site	K4	WS-K04-080513	CHRYSENE	0.0440	07/25/08	51406	Y	WS-K04-080513
West Site	K5	WS-K05-080509	CHRYSENE	0.0480	05/30/08	50159	Y	WS-K05-080509
West Site	L1	WS-L01-080505	CHRYSENE	0.0550	05/28/08	49912	Y	WS-L01-080505
West Site	L2	WS-L02-080508	CHRYSENE	0.0410	05/20/08	49912	Y	WS-L02-080508
West Site	L3	WS-L03-080508	CHRYSENE	0.0720	05/20/08	49912	Y	WS-L03-080508
West Site	L4	WS-L04-080508	CHRYSENE	0.0041	05/20/08	49912	N	WS-L04-080508
West Site	L4	WS-L04-080508	CHRYSENE	0.0220	06/05/08	50282	Y	DUP-9
West Site	M1	WS-M01-080505	CHRYSENE	0.0690	05/29/08	49912	Y	WS-M01-080505
West Site	M1	WS-M01-080505	CHRYSENE	0.0680	05/30/08	50159	Y	DUP-7
West Site	M2	WS-M02-080507	CHRYSENE	0.0870	05/29/08	49912	Y	WS-M02-080507
West Site	M3	WS-M03-080507	CHRYSENE	0.9600	05/29/08	49912	Y	WS-M03-080507
West Site	M3	WS-M03-080507	CHRYSENE	1.5000	06/05/08	50262	Y	DUP-8
West Site	M3	WS-M03-091217	CHRYSENE	0.0030	01/05/10	64004	N	WS-M03-091217
West Site	M4	WS-M04-080507	CHRYSENE	3.1000	06/04/08	49912	Y	WS-M04-080507
West Site	M4	WS-M04-091218	CHRYSENE	0.0030	01/05/10	64004	N	WS-M04-091218
West Site	M4	WS-M04-091218	CHRYSENE	0.0030	01/08/10	64060	N	DUP-44
West Site	N1	WS-N01-080506	CHRYSENE	0.0630	05/29/08	49912	Y	WS-N01-080506
West Site	N2	WS-N02-080506	CHRYSENE	0.0540	05/20/08	49912	Y	WS-N02-080506
West Site	N3	WS-N03-080507	CHRYSENE	0.1500	05/20/08	49912	Y	WS-N03-080507
West Site	O1	WS-O01-080506	CHRYSENE	0.0420	05/28/08	49912	Y	WS-O01-080506
West Site	O2	WS-O02-080506	CHRYSENE	0.1100	05/29/08	49912	Y	WS-O02-080506

Table Dibenz(a,h)anthracene-1: Dibenz(a,h)anthracene Data Quality Summary			
Laboratory Performance Criteria	Criteria	Measured	Comment
Minimum LCS Recovery	greater than 50%	71%	
Minimum Matrix Spike Recovery	greater than 35%	35%	
Minimum Surrogate Recovery	greater than 50%	18%	Terphenyl-D14
Average LCS Recovery	N/A	89%	
Average Matrix Spike Recovery	N/A	74%	
Average Surrogate Recovery	N/A	78%	Terphenyl-D14
Maximum MSD RPD	less than 35%	31%	
Average MSD RPD	N/A	11%	
Measurement Quality Objectives	Critera	Measured	
NPS CRM	Recovery greater than 0.463	Minimum Recovery = 0.760 mg/kg	
EQIS CRM	Recovery greater than 0.533	Minimum Recovery = 0.460 mg/kg	
CVS Split Analysis RPD	RPD less than 35%	Maximum RPD = N/A %	
CRM Split Analysis RPD	RPD less than 35%	Maximum RPD = 35 %	
Overall QC Indicator Measurements	Criteria	Measured	
NPS CRM "Made to" (Bias measure)	N/A	Average Recovery = 85.3 %	
NPS Replicate Test (Precision measure)	None		
Data Quality Relative to Remediation Goals			
Tier 1 Remediation Goal	0.55	mg/kg	
Tier 2 Remediation Goal	None		
QC Derived Reliance Level	0.54	mg/kg See Note 1	

Comments: Minimum surrogate recovery (18%) and minimum LCS recovery (71%) are generally low, indicating a bias favoring low measurements. Low minimum and low average matrix spike recoveries (35% and 74% respectively) and a minimum EQIS CRM recovery (0.460 mg/kg), less than the lower confidence limit (0.533 mg/kg), also suggest a bias towards low measurements. Likewise, an average recovery of the NPS CRM (85.3%) indicates measurement bias favoring low measurements, however, the data set is relatively small. The derived reliance level (0.54 mg/kg) is less than the RG (0.55 mg/kg), due primarily to compromised precision.Evaluation of individual data points reveals that the less reliable dibenz(a,h)anthrancene CVS results were superseded because they pertain to grids that underwent subsequent excavation and CVS that produced acceptable results. Thus, it is conclude that all dibenz(a,h)anthrancene CVS results that are necessary for the RG achievement decision in each grid were below the derived reliance level and it is concluded that dibenz(a,h)anthrancene CVS measurements that are necessary to the evaluation of RG achievement are of acceptable quality and may be used to determine RG achievement.

Note 1: The standard deviation of NPS CRM split analyses (0.027 mg/kg) and average NPS CRM recovery (85.3%) are used to represent measurement imprecision and bias near the RG respectively to calculate the derived reliance level (0.54 mg/kg). Derived reliance level is calculated as:
(Tier 1 RG)(1.2)(Average Recovery)-(0.84)(Standard deviation) = (0.55)(1.2)(.853)-(0.84)(0.027) =0.54 mg/kg

Table Dibenz(a,h)anthracene-2: Dibenzanthracene - NPS CRMs				
Blind NPS CRM Results				
Sample	Result	Analysis Date	Batch	Detect
BOR Sample 1-BOR 70	0.82	6/2/08	50169	Y
BO 50,55,58,72	0.76	6/23/08	50534	Y
BOR 102-96-99-105	0.81	7/9/08	51046	Y
BOR 103,97,100,106	0.77	7/21/08	51148	Y
BOR 104	0.77	7/21/08	51148	Y

CRMs		Vendor Supplied Information
Mean	0.786	*Made to*
Median	0.770	*0.921 mg/kg*
Standard Deviation	0.027	
Sample Variance	0.001	*Upper Acceptance Limit*
Kurtosis	-2.708	*1.08 mg/kg*
Skewness	0.578	
Range	0.060	*Lower Acceptance Limit*
Minimum	0.760	*0.463 mg/kg*
Maximum	0.820	
Sum	3.930	
Count	5.000	
Largest(2)	0.810	
Smallest(2)	0.770	

Table Dibenz(a,h)anthracene-3: Dibenzanthracene NPS and EQIS Duplicates							
Sample	Result	Analysis Date	Batch	Split	Result	Analysis Date	RPD
BOR 501	0.0067	6/4/08	50262	WS-L04-080508	0.0068	6/5/2008	
BOR 500	0.0067	6/11/08	50403	WS-F01-080429	0.0068	5/15/2008	
BOR 505	0.0067	6/23/08	50534	WS-K03-080509	0.0068	6/2/2008	
BOR 504	0.0067	6/26/08	50781	ES-M05-080527	0.0067	6/4/2008	
BOR 506	0.0067	6/26/08	50781	ES-S10-080523	0.0068	6/4/2008	
BOR 502	0.0067	7/21/08	51148	WS-F05-080612	0.0068	7/9/2008	
BOR 507	0.0067	7/21/08	51148	ES-O09-080610	0.0068	6/28/2008	
BOR 508	0.0067	7/21/08	51148	ES-Q11-080606	0.0068	6/20/2008	
BOR 509	0.0067	7/21/08	51148	WS-E06-080613	0.0068	7/17/2008	
BOR 510	0.0067	7/21/08	51148	OU-8HR-080605	0.0068	6/20/2008	
DUP-1	0.0068	5/15/08	49841	WS-E02-080428	0.0068	5/15/2008	
DUP-2	0.0068	5/15/08	49841	WS-D02-080429	0.0068	5/15/2008	
DUP-3	0.0068	5/30/08	50159	WS-C01-080501	0.0068	5/15/2008	
DUP-4	0.0051	5/30/08	50159	WS-G01-080501	0.0068	5/15/2008	
DUP-5	0.0071	5/30/08	50159	WS-I01-080501	0.0071	5/29/2008	0
DUP-7	0.0069	5/30/08	50159	WS-M01-080505	0.0069	5/29/2008	
DUP-8	0.0068	6/5/08	50262	WS-M03-080507	0.0068	5/29/2008	
DUP-6	0.0068	6/5/08	50282	WS-J01-080505	0.0068	5/29/2008	
DUP-9	0.0068	6/5/08	50282	WS-L04-080508	0.0068	6/5/2008	
DUP-11	0.0068	6/20/08	50635	ES-J03-080513	0.0068	6/2/2008	
DUP-10	0.0067	6/23/08	50534	WS-K04-080513	0.0068	6/2/2008	
DUP-15	0.0068	6/26/08	50781	ES-J02-080527	0.0068	6/4/2008	
DUP-12	0.0068	6/28/08	50807	ES-P06-080515	0.0068	6/2/2008	
DUP-13	0.0068	6/28/08	50807	ES-T08-080522	0.0068	6/4/2008	
DUP-14	0.0068	7/9/08	51046	ES-T10-080523	0.0068	6/4/2008	
DUP-16	0.0068	7/18/08	51147	ES-P04-080528	0.0068	6/5/2008	
DUP-18	0.0068	7/21/08	51148	ES-J04-080530	0.0068	6/23/2008	
DUP-19	0.0050	7/21/08	51148	ES-K05-080605	0.0068	6/20/2008	
DUP-17	0.0068	7/25/08	51406	ES-F01-080529	0.0068	6/23/2008	
DUP-44	0.0050	1/8/10	64060	WS-M04-091218	0.0050	1/5/2010	

[ ] Below reporting limit. Reporting limit shown.

RPD of Sample Splits	
Mean	
Median	
Standard Deviation	
Sample Variance	
Kurtosis	
Skewness	
Range	
Minimum	
Maximum	
Sum	
Count	
Largest(2)	
Smallest(2)	

Table Dibenz(a,h)anthracene-4: EQIS CRMs

Results of Duplicate Analysis of EQIS CRMs

Sample	Result	Date	Batch	Detect	Average	RPD
WS-Z01-080430	0.56	5/20/08	49912	Y		
ES-Z05-080519	0.8	5/30/08	50159	Y	0.68	35
ES-Z06-080520	0.75	5/30/08	50159	Y		
ES-Z07-080522	0.74	5/30/08	50159	Y	0.75	1
ES-Z08-080527	0.46	6/5/08	50262	Y		
ES-Z09-080529	0.61	6/5/08	50282	Y	0.54	28
ES-Z11-080605	0.96	6/20/08	50635	Y		
ES-Z10-080602	0.73	6/23/08	50534	Y	0.85	27
ES-Z14-080611 A	1	6/26/08	50781	Y		
ES-Z14-080611 B	0.98	6/26/08	50781	Y	0.99	2
WS-Z15-080613 A	1	6/26/08	50781	Y		
WS-Z15-080613 B	1.1	6/26/08	50781	Y	1.05	10
ES-Z12-080606-A	0.73	6/28/08	50807	Y		
ES-Z12-080606-B	0.75	6/28/08	50807	Y	0.74	3
ES-Z13-080610 A	0.6	6/28/08	50807	Y		
ES-Z13-080610 B	0.55	6/28/08	50807	Y	0.58	9
ES-Z11-080605 B	0.82	7/9/08	51044	Y		
WS-Z16-080617-A	0.62	7/9/08	51044	Y	0.72	28
WS-Z16-080617-B	0.66	7/9/08	51044	Y		
WS-Z18-080620 A	0.89	7/9/08	51046	Y	0.78	30
WS-Z18-080620 B	0.83	7/9/08	51046	Y		
ES-Z05-080519 B	0.91	7/17/08	50786	Y	0.87	9
ES-Z06-080520 B	0.92	7/17/08	50786	Y		
ES-Z08-080527 B	0.97	7/17/08	50786	Y	0.95	5
ES-Z09-080529 B	0.94	7/17/08	50786	Y		
ES-Z10-080602 B	0.92	7/17/08	50786	Y	0.93	2
WS-Z01-080430 B	0.9	7/17/08	50786	Y		
WS-Z17-080618 A	1.1	7/18/08	51147	Y	1.00	20
ES-Z19-080624 A	0.56	7/21/08	51148	Y		
ES-Z19-080624 B	0.56	7/21/08	51148	Y	0.56	0
ES-Z07-080522 B	1	7/25/08	51406	Y		
WS-Z17-080618 B	0.96	7/25/08	51406	Y	0.98	4
WS-Z29-091217A	0.52	1/5/10	64004	Y		
WS-Z29-091217B	0.53	1/5/10	64004	Y	0.53	2

Analysis of EQIS CRMs	
Mean	0.792
Median	0.810
Standard Deviation	0.186
Sample Variance	0.035
Kurtosis	-1.247
Skewness	-0.147
Range	0.640
Minimum	0.460
Maximum	1.100
Sum	26.930
Count	34.000
Largest(2)	1.100
Smallest(2)	0.520

RPD of EQIS CRMs	
Mean	12.642
Median	8.696
Standard Deviation	12.311
Sample Variance	151.564
Kurtosis	-1.267
Skewness	0.683
Range	35.294
Minimum	0.000
Maximum	35.294
Sum	214.914
Count	17.000
Largest(2)	29.677
Smallest(2)	1.342

Table Dibenz(a,h)anthracene-5: Dibenzanthracene Laboratory MS and LCS					
Matrix Spike Recovery %	Batch	Order	LCS Recovery %	Batch	Order
89	49841	2	106	49841	2
35	49912	3	88	49912	3
53	50159	4	83	50159	4
54	50169	5	86	50169	5
48	50262	6	89	50262	6
78	50282	7	82	50282	7
63	50403	8	83	50403	8
94	50635	9	94	50635	9
91	50534	10	92	50534	10
89	50781	11	102	50781	11
66	50807	12	71	50807	12
74	51044	13	87	51044	13
82	51046	14	84	51046	14
80	51151	16	98	50786	15
98	51147	17	98	51151	16
77	51148	18	100	51147	17
71	51406	19	104	51148	18
83	56623	25	100	51406	19
63	64004	26	88	56623	25
85	64060	27	79	64004	26
75	70158	28	82	64060	27
			72	70158	28
Average MS Recovery = 74 %			Average LCS Recovery = 89 %		
Minimum MS Recovery = 35 %			Minimum LCS Recovery = 71 %		

Table Dibenz(a,h)anthracene-5: Dibenzanthracene Laboratory MS and LCS (Graph)

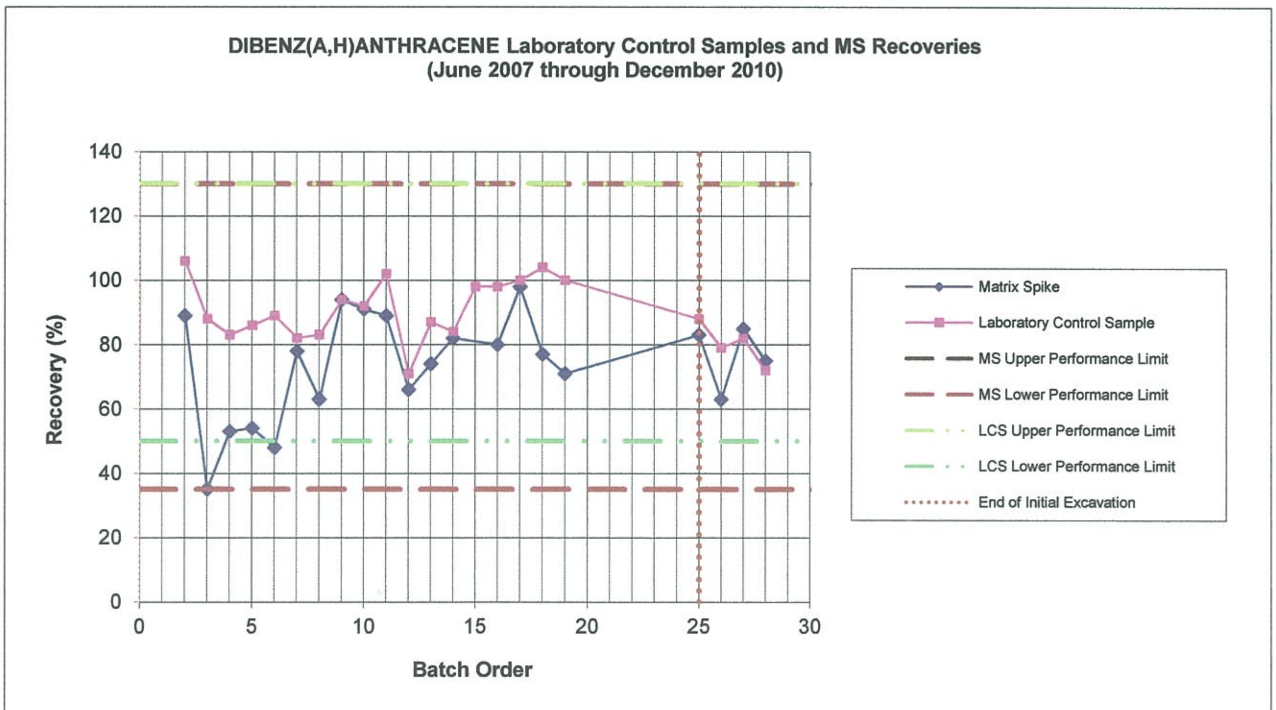


Table Dibenz(a,h)anthracene-6: Dibenzanthracene - Laboratory MSD				
Sample	Date	RPD	Batch	Order
WS-F02-080429MSD	5/15/08	31	49841	2
WS-N03-080507MSD	5/23/08	18	49912	3
WS-K05-080509MSD	5/30/08	16	50159	4
WS-K02-080509MSD	6/2/08	12	50169	5
BOR 52, 54, 57, 71MSD	6/4/08	19	50262	6
ES-S07-080521MSD	6/5/08	1	50282	7
BOR 500MSD	6/11/08	7	50403	8
ES-K02-080602MSD	6/20/08	5	50635	9
ES-V11-080529MSD	6/23/08	13	50534	10
ES-N09-080610MSD	6/26/08	4	50781	11
ES-L06-080605MSD	6/28/08	11	50807	12
WS-E04-080613MSD	7/9/08	6	51044	13
WS-C05-080620MSD	7/9/08	13	51046	14
WS-D04-080623MSD	7/17/08	7	51151	16
WS-I02-080618MSD	7/18/08	9	51147	17
ES-C01-080624MSD	7/21/08	1	51148	18
WS-K04-080513MSD	7/25/08	12	51406	19
ES-J03-090323MSD	4/3/09	6	56623	25
WS-M04-091218MSD	1/5/10	17	64004	26
DUP-44MSD	1/8/10	2	64060	27
ES-SB3-100901MSD	9/17/10	12	70158	28

Average MSD RPD = 11 %

Maximum MSD RPD = 31 %

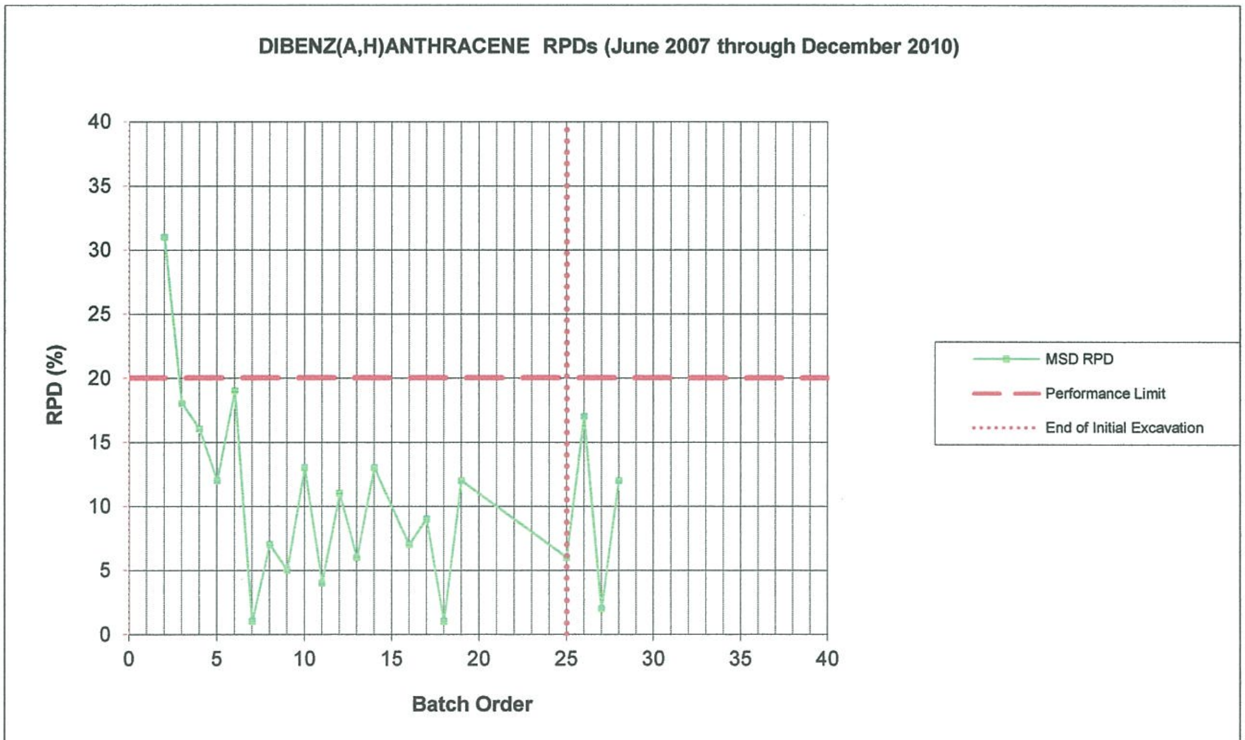


Table Dibenz(a,h)anthracene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries

Sample	Recovery	Date	Batch	Order
WS-K04-080513	44	39601	50169	76
ES-R06-080521	43	39604	50282	113
ES-Q05-080520	51	39604	50282	124
ES-P07-080519	40	39610	50403	135
ES-Q10-D0	36	39882	56175	360
ES-P10-B1	52	39883	56192	373
ES-P10-C1	47	39883	56192	379
ES-R09-A1	18	39884	56245	389
ES-T09-B1	18	39889	56337	407
ES-N06-C0	48	39889	56337	416

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	78
Median	77
Mode	73
Standard Deviation	13
Minimum	18

Table Dibenz(a,h)anthracene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries (Graph)

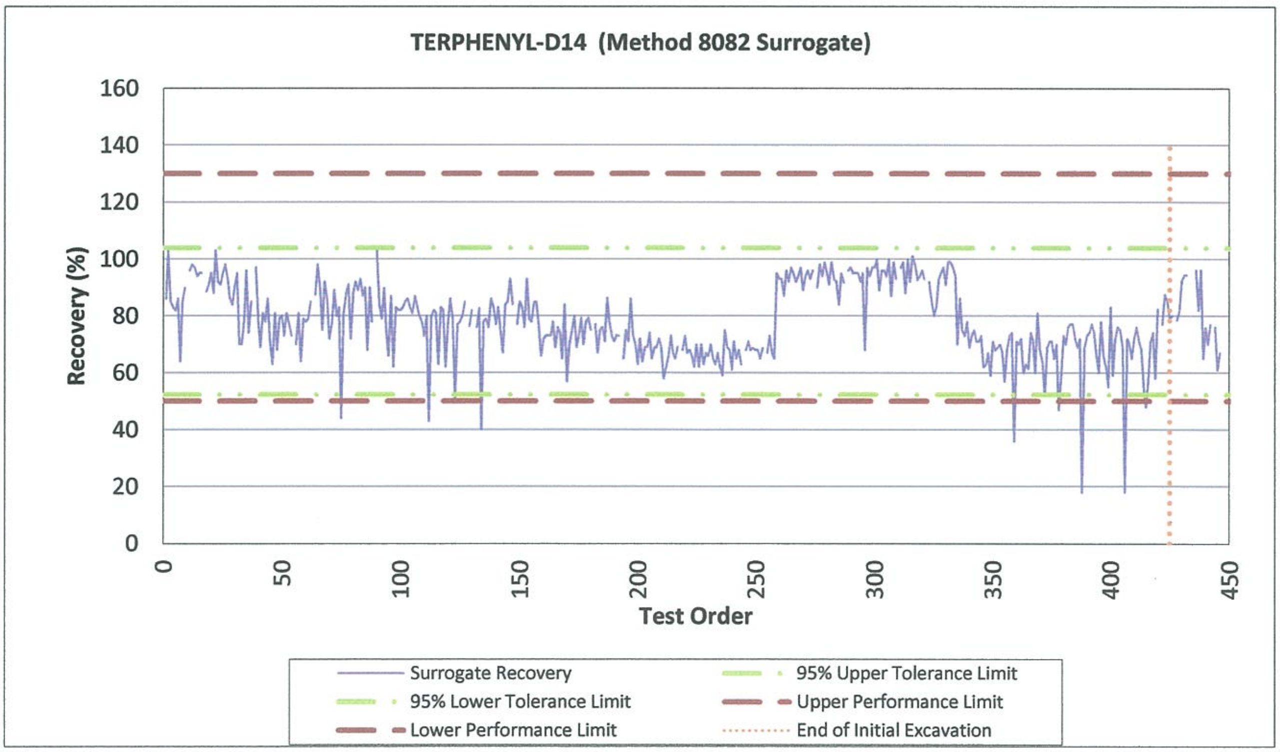


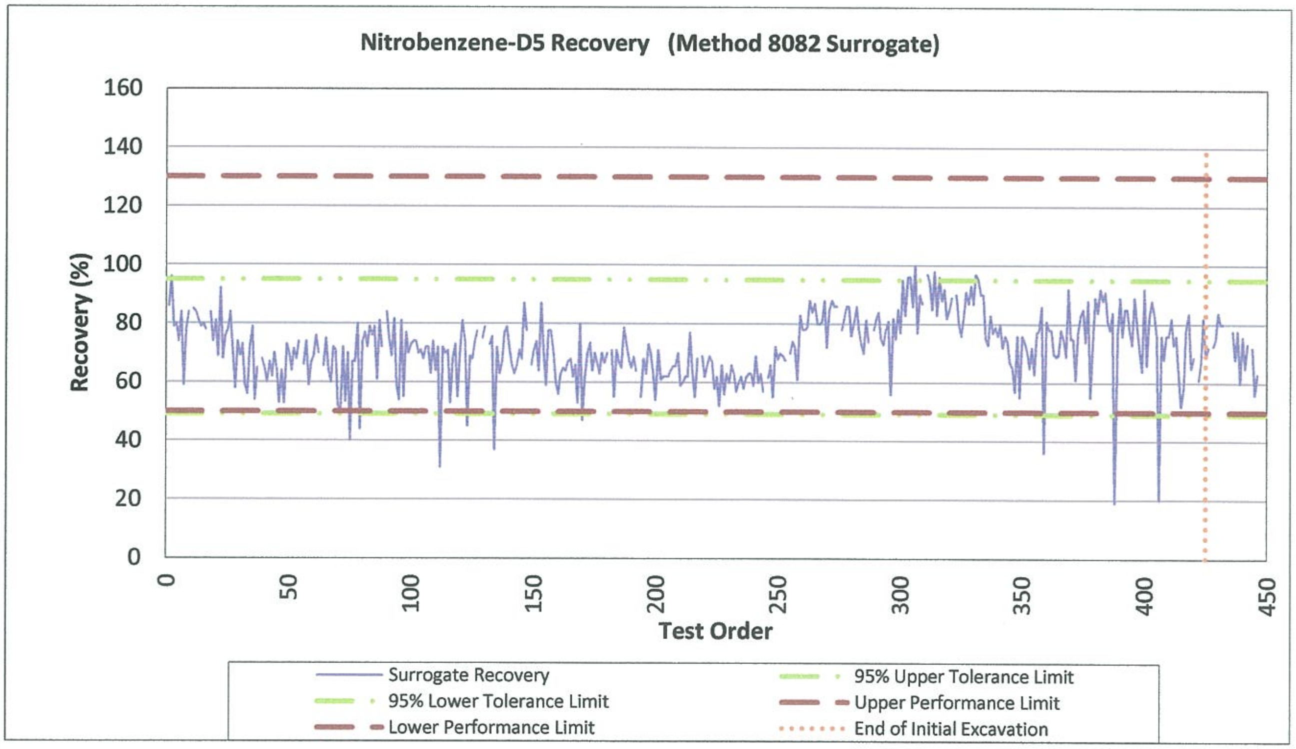
Table Dibenz(a,h)anthracene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries

Sample	Recovery	Date	Batch	Order
ES-R09-A1	19	39884	56245	11
ES-T09-B1	20	39889	56337	18
ES-R06-080521	31	39604	50282	39
ES-Q10-D0	36	39882	56175	56
ES-P07-080519	37	39610	50403	64
WS-K04-080513	40	39601	50169	90
ES-N04-080519	44	39601	50169	129
ES-Q05-080520	45	39604	50282	132
ES-T11-080530	47	39622	50534	149
WS-J02-080624	95	39650	51148	182
ES-E02-080611	95	39654	51406	194
A7E080000081B	96	39212	7128081	219
ES-C01-080624	96	39650	51148	246
WS-C04-080623	96	39650	51148	255
ES-A01-080623	96	39650	51148	276
BOR 508	97	39650	51148	289
ES-Z07-080522 B	97	39654	51406	311
DUP-18	98	39650	51148	323
577697	100	39650	51148	422

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	72
Median	72
Mode	70
Standard Deviation	11
Minimum	19

Table Dibenz(a,h)anthracene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries (Graph)



DIBENZ(A,H)ANTHRACENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	A1	ES-A01-080623	DIBENZ(A,H)ANTHRACENE	0.0069	07/21/08	51148	N	ES-A01-080623
East Site	B1	ES-B01-080623	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	ES-B01-080623
East Site	C1	ES-C01-080624	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	ES-C01-080624
East Site	D1	ES-D01-080624	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	ES-D01-080624
East Site	E1	ES-E01-080528	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-E01-080528
East Site	E2	ES-E02-080611	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	ES-E02-080611
East Site	F1	ES-F01-080529	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-F01-080529
East Site	F1	ES-F01-080529	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	DUP-17
East Site	G1	ES-G01-080529	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-G01-080529
East Site	G2	ES-G02-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-G02-080605
East Site	H1	ES-H01-080528	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-H01-080528
East Site	H2	ES-H02-080515	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-H02-080515
East Site	H3	ES-H03-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-H03-080605
East Site	I1	ES-I01-080529	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-I01-080529
East Site	I2	ES-I02-080514	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-I02-080514
East Site	I3	ES-I03-080513	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-I03-080513
East Site	I4	ES-I04-080602	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-I04-080602
East Site	J1	ES-J01-080529	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-J01-080529
East Site	J2	ES-J02-080527	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-J02-080527
East Site	J2	ES-J02-080527	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	DUP-15
East Site	J3	ES-J03-080513	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-J03-080513
East Site	J3	ES-J03-080513	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	DUP-11
East Site	J3	ES-J03-090323	DIBENZ(A,H)ANTHRACENE	0.0068	04/03/09	56623	N	ES-J03-090323
East Site	J4	ES-J04-080530	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-J04-080530
East Site	J4	ES-J04-080530	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	DUP-18
East Site	J5	ES-J05-080602	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-J05-080602
East Site	K1	ES-K01-080602	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-K01-080602
East Site	K2	ES-K02-080602	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-K02-080602
East Site	K3	ES-K03-080514	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-K03-080514
East Site	K4	ES-K04-080527	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-K04-080527
East Site	K5	ES-K05-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-K05-080605
East Site	K5	ES-K05-080605	DIBENZ(A,H)ANTHRACENE	0.005	07/21/08	51148	N	DUP-19
East Site	K7	ES-K07-080611	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	ES-K07-080611
East Site	L1	ES-L01-080625	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	ES-L01-080625
East Site	L2	ES-L02-080625	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	ES-L02-080625
East Site	L3	ES-L03-080604	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-L03-080604
East Site	L4	ES-L04-080604	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-L04-080604
East Site	L5	ES-L05-080620	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	ES-L05-080620
East Site	L6	ES-L06-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-L06-080605
East Site	M1	ES-M01-080527	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-M01-080527
East Site	M2	ES-M02-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-M02-080519
East Site	M3	ES-M03-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/03/08	50169	N	ES-M03-080519
East Site	M4	ES-M04-080515	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-M04-080515
East Site	M5	ES-M05-080527	DIBENZ(A,H)ANTHRACENE	0.0067	06/04/08	50262	N	ES-M05-080527
East Site	M6	ES-M06-080520	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-M06-080520
East Site	M7	ES-M07-080612	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51046	N	ES-M07-080612

DIBENZ(A,H)ANTHRACENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	M8	ES-M08-080610	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-M08-080610
East Site	M9	ES-M09-080611	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	ES-M09-080611
East Site	N2	ES-N02-080528	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50262	N	ES-N02-080528
East Site	N3	ES-N03-080520	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-N03-080520
East Site	N4	ES-N04-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-N04-080519
East Site	N4	ES-N04-080519	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	ES-N04-080519
East Site	N5	ES-N05-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-N05-080519
East Site	N6	ES-N06-080527	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-N06-080527
East Site	N7	ES-N07-080530	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-N07-080530
East Site	N8	ES-N08-080610	DIBENZ(A,H)ANTHRACENE	0.0069	06/28/08	50807	N	ES-N08-080610
East Site	N9	ES-N09-080610	DIBENZ(A,H)ANTHRACENE	0.0069	06/26/08	50781	N	ES-N09-080610
East Site	N10	ES-N10-080610	DIBENZ(A,H)ANTHRACENE	0.0069	06/28/08	50807	N	ES-N10-080610
East Site	O3	ES-O03-080528	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50262	N	ES-O03-080528
East Site	O4	ES-O04-080515	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-O04-080515
East Site	O5	ES-O05-080520	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-O05-080520
East Site	O6	ES-O06-080529	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-O06-080529
East Site	O7	ES-O07-080530	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-O07-080530
East Site	O8	ES-O08-080530	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-O08-080530
East Site	O9	ES-O09-080610	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-O09-080610
East Site	O10	ES-O10-080611	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	ES-O10-080611
East Site	P4	ES-P04-080528	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-P04-080528
East Site	P4	ES-P04-080528	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	DUP-16
East Site	P5	ES-P05-080513	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-P05-080513
East Site	P6	ES-P06-080515	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	ES-P06-080515
East Site	P6	ES-P06-080515	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	DUP-12
East Site	P7	ES-P07-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/11/08	50403	N	ES-P07-080519
East Site	P7	ES-P07-080519	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	ES-P07-080519
East Site	P8	ES-P08-080530	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-P08-080530
East Site	P10	ES-P10-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-P10-080606
East Site	P11	ES-P11-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-P11-080606
East Site	Q5	ES-Q05-080520	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-Q05-080520
East Site	Q5	ES-Q05-080520	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	ES-Q05-080520
East Site	Q6	ES-Q06-080520	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-Q06-080520
East Site	Q7	ES-Q07-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/03/08	50169	N	ES-Q07-080519
East Site	Q8	ES-Q08-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/03/08	50169	N	ES-Q08-080519
East Site	Q9	ES-Q09-080612	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	ES-Q09-080612
East Site	Q10	ES-Q10-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-Q10-080606
East Site	Q11	ES-Q11-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-Q11-080606
East Site	Q17	ES-Q17-080609	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-Q17-080609
East Site	R5	ES-R05-080521	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-R05-080521
East Site	R6	ES-R06-080521	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-R06-080521
East Site	R6	ES-R06-080521	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	ES-R06-080521
East Site	R7	ES-R07-080521	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-R07-080521
East Site	R8	ES-R08-080519	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-R08-080519
East Site	R9	ES-R09-080520	DIBENZ(A,H)ANTHRACENE	0.0068	06/11/08	50403	N	ES-R09-080520
East Site	R10	ES-R10-080602	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-R10-080602

DIBENZ(A,H)ANTHRACENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	R11	ES-R11-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-R11-080605
East Site	R12	ES-R12-080611	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	ES-R12-080611
East Site	R16	ES-R16-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-R16-080605
East Site	R17	ES-R17-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-R17-080606
East Site	S5	ES-S05-080521	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-S05-080521
East Site	S6	ES-S06-080521	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-S06-080521
East Site	S7	ES-S07-080521	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	ES-S07-080521
East Site	S8	ES-S08-080522	DIBENZ(A,H)ANTHRACENE	0.0067	06/04/08	50262	N	ES-S08-080522
East Site	S9	ES-S09-080522	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-S09-080522
East Site	S10	ES-S10-080523	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-S10-080523
East Site	S11	ES-S11-080528	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50262	N	ES-S11-080528
East Site	S12	ES-S12-080609	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-S12-080609
East Site	S13	ES-S13-080610	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-S13-080610
East Site	S17	ES-S17-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-S17-080606
East Site	S18	ES-S18-080606	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-S18-080606
East Site	T7	ES-T07-080612	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	ES-T07-080612
East Site	T8	ES-T08-080522	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-T08-080522
East Site	T8	ES-T08-080522	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	DUP-13
East Site	T9	ES-T09-080522	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-T09-080522
East Site	T10	ES-T10-080523	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-T10-080523
East Site	T10	ES-T10-080523	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51046	N	DUP-14
East Site	T11	ES-T11-080530	DIBENZ(A,H)ANTHRACENE	0.0069	06/23/08	50534	N	ES-T11-080530
East Site	T11	ES-T11-080530	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	ES-T11-080530
East Site	T12	ES-T12-080609	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-T12-080609
East Site	T13	ES-T13-080609	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-T13-080609
East Site	T14	ES-T14-080610	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-T14-080610
East Site	U10	ES-U10-080523	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-U10-080523
East Site	U11	ES-U11-080602	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-U11-080602
East Site	U13	ES-U13-080610	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-U13-080610
East Site	U14	ES-U14-080610	DIBENZ(A,H)ANTHRACENE	0.0068	06/28/08	50807	N	ES-U14-080610
East Site	V11	ES-V11-080529	DIBENZ(A,H)ANTHRACENE	0.0068	06/23/08	50534	N	ES-V11-080529
East Site	V14	ES-V14-080605	DIBENZ(A,H)ANTHRACENE	0.0068	06/20/08	50635	N	ES-V14-080605
East Site	W12	ES-W12-080527	DIBENZ(A,H)ANTHRACENE	0.0068	06/04/08	50262	N	ES-W12-080527
West Site	A4	WS-A04-080626	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	WS-A04-080626
West Site	B2	WS-B02-080502	DIBENZ(A,H)ANTHRACENE	0.0069	05/29/08	49912	N	WS-B02-080502
West Site	B3	WS-B03-080502	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-B03-080502
West Site	B4	WS-B04-080626	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	WS-B04-080626
West Site	B5	WS-B05-080626	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	WS-B05-080626
West Site	C1	WS-C01-080501	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-C01-080501
West Site	C1	WS-C01-080501	DIBENZ(A,H)ANTHRACENE	0.0068	05/30/08	50159	N	DUP-3
West Site	C2	WS-C02-080428	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-C02-080428
West Site	C3	WS-C03-080620	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-C03-080620
West Site	C4	WS-C04-080623	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	WS-C04-080623
West Site	C5	WS-C05-080620	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51046	N	WS-C05-080620
West Site	C6	WS-C06-080624	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	WS-C06-080624
West Site	D1	WS-D01-080430	DIBENZ(A,H)ANTHRACENE	0.0067	05/15/08	49841	N	WS-D01-080430

DIBENZ(A,H)ANTHRACENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	D2	WS-D02-080429	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-D02-080429
West Site	D2	WS-D02-080429	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	DUP-2
West Site	D3	WS-D03-080620	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-D03-080620
West Site	D4	WS-D04-080623	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	WS-D04-080623
West Site	D5	WS-D05-080620	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-D05-080620
West Site	D6	WS-D06-080619	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-D06-080619
West Site	D7	WS-D07-080619	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-D07-080619
West Site	E1	WS-E01-080430	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-E01-080430
West Site	E2	WS-E02-080428	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	DUP-1
West Site	E2	WS-E02-080428	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-E02-080428
West Site	E3	WS-E03-080619	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-E03-080619
West Site	E4	WS-E04-080613	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-E04-080613
West Site	E5	WS-E05-080613	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	WS-E05-080613
West Site	E6	WS-E06-080613	DIBENZ(A,H)ANTHRACENE	0.0068	07/17/08	51151	N	WS-E06-080613
West Site	E7	WS-E07-080613	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-E07-080613
West Site	E8	WS-E08-080616	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-E08-080616
West Site	F1	WS-F01-080429	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-F01-080429
West Site	F2	WS-F02-080429	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-F02-080429
West Site	F3	WS-F03-080619	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-F03-080619
West Site	F4	WS-F04-080616	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-F04-080616
West Site	F5	WS-F05-080612	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-F05-080612
West Site	F6	WS-F06-080612	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-F06-080612
West Site	F7	WS-F07-080617	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-F07-080617
West Site	F8	WS-F08-080618	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-F08-080618
West Site	G1	WS-G01-080501	DIBENZ(A,H)ANTHRACENE	0.0068	05/15/08	49841	N	WS-G01-080501
West Site	G1	WS-G01-080501	DIBENZ(A,H)ANTHRACENE	0.0051	05/30/08	50159	N	DUP-4
West Site	G2	WS-G02-080618	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-G02-080618
West Site	G3	WS-G03-080619	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-G03-080619
West Site	G4	WS-G04-080616	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-G04-080616
West Site	G5	WS-G05-080613	DIBENZ(A,H)ANTHRACENE	0.0068	06/26/08	50781	N	WS-G05-080613
West Site	G6	WS-G06-080616	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-G06-080616
West Site	G7	WS-G07-080617	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-G07-080617
West Site	H1	WS-H01-080501	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-H01-080501
West Site	H2	WS-H02-080618	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-H02-080618
West Site	H3	WS-H03-080619	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-H03-080619
West Site	H4	WS-H04-080616	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-H04-080616
West Site	H5	WS-H05-080613	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-H05-080613
West Site	H6	WS-H06-080617	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-H06-080617
West Site	I1	WS-I01-080501	DIBENZ(A,H)ANTHRACENE	0.0071	05/29/08	49912	N	WS-I01-080501
West Site	I1	WS-I01-080501	DIBENZ(A,H)ANTHRACENE	0.0071	05/30/08	50159	N	DUP-5
West Site	I2	WS-I02-080618	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-I02-080618
West Site	I3	WS-I03-080618	DIBENZ(A,H)ANTHRACENE	0.0067	07/18/08	51147	N	WS-I03-080618
West Site	I4	WS-I04-080617	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-I04-080617
West Site	I5	WS-I05-080617	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51044	N	WS-I05-080617
West Site	I6	WS-I06-080617	DIBENZ(A,H)ANTHRACENE	0.0069	07/09/08	51044	N	WS-I06-080617
West Site	J1	WS-J01-080505	DIBENZ(A,H)ANTHRACENE	0.0068	05/29/08	49912	N	WS-J01-080505

DIBENZ(A,H)ANTHRACENE results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	J1	WS-J01-080505	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	DUP-6
West Site	J2	WS-J02-080624	DIBENZ(A,H)ANTHRACENE	0.0068	07/21/08	51148	N	WS-J02-080624
West Site	J3	WS-J03-080620	DIBENZ(A,H)ANTHRACENE	0.0068	07/09/08	51046	N	WS-J03-080620
West Site	J4	WS-J04-080617	DIBENZ(A,H)ANTHRACENE	0.0069	07/09/08	51044	N	WS-J04-080617
West Site	J5	WS-J05-080618	DIBENZ(A,H)ANTHRACENE	0.0068	07/18/08	51147	N	WS-J05-080618
West Site	K1	WS-K01-080505	DIBENZ(A,H)ANTHRACENE	0.0068	05/28/08	49912	N	WS-K01-080505
West Site	K2	WS-K02-080509	DIBENZ(A,H)ANTHRACENE	0.027	06/02/08	50169	N	WS-K02-080509
West Site	K3	WS-K03-080509	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	WS-K03-080509
West Site	K4	WS-K04-080513	DIBENZ(A,H)ANTHRACENE	0.0068	06/02/08	50169	N	WS-K04-080513
West Site	K4	WS-K04-080513	DIBENZ(A,H)ANTHRACENE	0.0067	06/23/08	50534	N	DUP-10
West Site	K4	WS-K04-080513	DIBENZ(A,H)ANTHRACENE	0.0068	07/25/08	51406	N	WS-K04-080513
West Site	K5	WS-K05-080509	DIBENZ(A,H)ANTHRACENE	0.0068	05/30/08	50159	N	WS-K05-080509
West Site	L1	WS-L01-080505	DIBENZ(A,H)ANTHRACENE	0.0068	05/28/08	49912	N	WS-L01-080505
West Site	L2	WS-L02-080508	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-L02-080508
West Site	L3	WS-L03-080508	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-L03-080508
West Site	L4	WS-L04-080508	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-L04-080508
West Site	L4	WS-L04-080508	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50282	N	DUP-9
West Site	M1	WS-M01-080505	DIBENZ(A,H)ANTHRACENE	0.0069	05/29/08	49912	N	WS-M01-080505
West Site	M1	WS-M01-080505	DIBENZ(A,H)ANTHRACENE	0.0069	05/30/08	50159	N	DUP-7
West Site	M2	WS-M02-080507	DIBENZ(A,H)ANTHRACENE	0.0068	05/29/08	49912	N	WS-M02-080507
West Site	M3	WS-M03-080507	DIBENZ(A,H)ANTHRACENE	0.0068	05/29/08	49912	N	WS-M03-080507
West Site	M3	WS-M03-080507	DIBENZ(A,H)ANTHRACENE	0.0068	06/05/08	50262	N	DUP-8
West Site	M3	WS-M03-091217	DIBENZ(A,H)ANTHRACENE	0.005	01/05/10	64004	N	WS-M03-091217
West Site	M4	WS-M04-080507	DIBENZ(A,H)ANTHRACENE	0.014	06/04/08	49912	N	WS-M04-080507
West Site	M4	WS-M04-091218	DIBENZ(A,H)ANTHRACENE	0.005	01/05/10	64004	N	WS-M04-091218
West Site	M4	WS-M04-091218	DIBENZ(A,H)ANTHRACENE	0.005	01/08/10	64060	N	DUP-44
West Site	M4	WS-M04-091218	DIBENZ(A,H)ANTHRACENE	0.0050	01/08/10	64060	N	DUP-44
West Site	N1	WS-N01-080506	DIBENZ(A,H)ANTHRACENE	0.0068	05/29/08	49912	N	WS-N01-080506
West Site	N2	WS-N02-080506	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-N02-080506
West Site	N3	WS-N03-080507	DIBENZ(A,H)ANTHRACENE	0.0068	05/20/08	49912	N	WS-N03-080507
West Site	O1	WS-O01-080506	DIBENZ(A,H)ANTHRACENE	0.0068	05/28/08	49912	N	WS-O01-080506
West Site	O2	WS-O02-080506	DIBENZ(A,H)ANTHRACENE	0.0068	05/29/08	49912	N	WS-O02-080506

Table Indeno(1,2,3-cd)pyrene-1: Indeno(1,2,3-cd)pyrene Data Quality Summary			
Laboratory Performance Criteria	Criteria	Measured	Comment
Minimum LCS Recovery	greater than 50%	72%	
Minimum Matrix Spike Recovery	greater than 35%	36%	
Minimum Surrogate Recovery	greater than 50%	18%	Terphenyl-D14
Average LCS Recovery	N/A	91%	
Average Matrix Spike Recovery	N/A	74%	
Average Surrogate Recovery	N/A	78%	Terphenyl-D14
Maximum MSD RPD	less than 35%	27%	
Average MSD RPD	N/A	11%	
Measurement Quality Objectives	Critera	Measured	
NPS CRM	Recovery greater than 0.34	Minimum Recovery =	0.730 mg/kg
EQIS CRM	None provided		
CVS Split Analysis RPD	RPD less than 35%	Maximum RPD =	103 %
CRM Split Analysis RPD	RPD less than 35%	Maximum RPD =	34 %
Overall QC Indicator Measurements	Criteria	Measured	
NPS CRM "Made to" (Bias measure)	N/A	Average Recovery =	78.9 %
NPS Replicate Test (Precision measure)	None		
Data Quality Relative to Remediation Goals			
Tier 1 Remediation Goal	0.55 mg/kg		
Tier 2 Remediation Goal	None		
QC Derived Reliance Level	0.481 mg/kg See Note 1		

Comments: Minimum surrogate recovery (18 %) and minimum LCS recovery (72%) are low, indicating a bias favoring low measurements. Similarly low minimum and low average matrix spike recoveries (36% and 74% respectively) likewise indicate a bias favoring low measurements. Likewise, an average recovery of the NPS CRM (78.9%) indicates a bias favoring low measurements, however, the data set is relatively small. Maximum CRM split analyses RPD (34%) and a maximum CVS split analysis RPD (103%) indicate qualified precision. The derived reliance level (0.481 mg/kg) is less than the RG (0.55 mg/kg), due primarily to qualified measurement precision. However, evaluation of individual CVS data reveals that the less reliable indeno(1,2,3-cd)pyrene CVS results were superseded because they pertain to grids that underwent subsequent excavation and CVS that produced acceptable results. Thus, it is concluded that all indeno(1,2,3-cd)pyrene CVS results that are necessary for the RG achievement decision in each grid were below the derived reliance level. For these grids, confidence that the indeno(1,2,3-cd)pyrene RG was achieved is not compromised and it is concluded that indeno(1,2,3-cd)pyrene CVS measurements that are necessary to the evaluation of RG achievement are of acceptable quality and may be used to determine RG achievement.

Note 1: The standard deviation of NPS CRM split analyses (0.047 mg/kg) is used to represent measurement precision near the RG and is used with an estimate of bias from NPS CRMs (average recovery = 78.9%) to calculate the derived reliance level (0.481 mg/kg). Derived reliance level is calculated as:
(Tier 1 RG)(1.2)(Average Recovery)-(0.84)(Standard deviation) = (0.55)(1.2)(.789)-(0.84)(0.0467) =0.481 mg/kg

Table Indeno(1,2,3-cd)pyrene-2: Indeno(1,2,3-cd)pyrene - NPS CRMs				
Blind NPS CRM Results				
Sample	Result	Analysis Date	Batch	Detect
BOR Sample 1-BOR 70	0.85	6/2/08	50169	Y
BO 50,55,58,72	0.77	6/23/08	50534	Y
BOR 102-96-99-105	0.81	7/9/08	51046	Y
BOR 103,97,100,106	0.73	7/21/08	51148	Y
BOR 104	0.76	7/21/08	51148	Y

CRMs		Vendor Supplied Information
Mean	0.784	*Made to*
Median	0.770	*0.994 mg/kg*
Standard Deviation	0.047	
Sample Variance	0.002	*Upper Acceptance Limit*
Kurtosis	-0.555	*1.46 mg/kg*
Skewness	0.536	
Range	0.120	*Lower Acceptance Limit*
Minimum	0.730	*0.340 mg/kg*
Maximum	0.850	
Sum	3.920	
Count	5.000	
Largest(2)	0.810	
Smallest(2)	0.760	

Table Indeno(1,2,3-cd)pyrene-3: Indeno(1,2,3-cd)pyrene NPS and EQIS Duplicates							
Sample	Result	Analysis Date	Batch	Split	Result	Analysis Date	RPD
BOR 501	0.0067	6/4/08	50262	WS-L04-080508	0.0068	5/20/2008	
BOR 500	0.0067	6/11/08	50403	WS-F01-080429	0.0190	5/15/2008	96
BOR 505	0.0067	6/23/08	50534	WS-K03-080509	0.0068	6/2/2008	
BOR 504	0.0067	6/26/08	50781	ES-M05-080527	0.0067	6/4/2008	
BOR 506	0.0067	6/26/08	50781	ES-S10-080523	0.0068	6/4/2008	
BOR 502	0.1000	7/21/08	51148	WS-F05-080612	0.0690	7/9/2008	37
BOR 507	0.0067	7/21/08	51148	ES-O09-080610	0.0068	6/28/2008	
BOR 508	0.0067	7/21/08	51148	ES-Q11-080606	0.0068	6/20/2008	
BOR 509	0.0067	7/21/08	51148	WS-E06-080613	0.0068	7/17/2008	
BOR 510	0.0067	7/21/08	51148	OU-8HR-080605	0.0068	6/20/2008	
DUP-1	0.0120	5/15/08	49841	WS-E02-080428	0.0068	5/15/2008	55
DUP-2	0.0068	5/15/08	49841	WS-D02-080429	0.0068	5/15/2008	
DUP-3	0.0068	5/30/08	50159	WS-C01-080501	0.0068	5/15/2008	
DUP-4	0.0051	5/30/08	50159	WS-G01-080501	0.0160	5/15/2008	103
DUP-5	0.0071	5/30/08	50159	WS-I01-080501	0.0071	5/29/2008	0
DUP-7	0.0069	5/30/08	50159	WS-M01-080505	0.0069	5/29/2008	
DUP-8	0.4900	6/5/08	50262	WS-M03-080507	0.2300	5/29/2008	72
DUP-6	0.0068	6/5/08	50282	WS-J01-080505	0.0068	5/29/2008	
DUP-9	0.0068	6/5/08	50282	WS-L04-080508	0.0068	5/20/2008	
DUP-11	0.0068	6/20/08	50635	ES-J03-080513	0.0068	6/2/2008	
DUP-10	0.0067	6/23/08	50534	WS-K04-080513	0.0068	6/2/2008	
DUP-15	0.0068	6/26/08	50781	ES-J02-080527	0.0068	6/4/2008	
DUP-12	0.0068	6/28/08	50807	ES-P06-080515	0.0068	6/2/2008	
DUP-13	0.0068	6/28/08	50807	ES-T08-080522	0.0068	6/4/2008	
DUP-14	0.0280	7/9/08	51046	ES-T10-080523	0.0220	6/4/2008	24
DUP-16	0.0068	7/18/08	51147	ES-P04-080528	0.0068	6/5/2008	
DUP-18	0.0068	7/21/08	51148	ES-J04-080530	0.0068	6/23/2008	
DUP-19	0.0050	7/21/08	51148	ES-K05-080605	0.0068	6/20/2008	
DUP-17	0.0068	7/25/08	51406	ES-F01-080529	0.0068	6/23/2008	
DUP-44	0.0050	1/8/10	64060	WS-M04-091218	0.0050	1/5/2010	

Below reporting limit. Reporting limit shown.

RPD of Sample Splits	
Mean	55.324
Median	55.319
Standard Deviation	37.882
Sample Variance	1435.009
Kurtosis	-1.207
Skewness	-0.108
Range	103.318
Minimum	0.000
Maximum	103.318
Sum	387.265
Count	7.000
Largest(2)	95.720
Smallest(2)	24.000

Table Indeno(1,2,3-cd)pyrene-4: Indeno(1,2,3-cd)pyrene EQIS CRMs

Results of Duplicate Analysis of EQIS CRMs

Sample	Result	Date	Batch	Detect	Average	RPD
WS-Z01-080430	0.52	5/20/08	49912	Y		
ES-Z05-080519	0.73	5/30/08	50159	Y	0.63	34
ES-Z06-080520	0.69	5/30/08	50159	Y		
ES-Z07-080522	0.69	5/30/08	50159	Y	0.69	0
ES-Z08-080527	0.39	6/5/08	50262	Y		
ES-Z09-080529	0.55	6/5/08	50282	Y	0.47	34
ES-Z11-080605	0.88	6/20/08	50635	Y		
ES-Z10-080602	0.65	6/23/08	50534	Y	0.77	30
ES-Z14-080611 A	0.91	6/26/08	50781	Y		
ES-Z14-080611 B	0.89	6/26/08	50781	Y	0.90	2
WS-Z15-080613 A	0.94	6/26/08	50781	Y		
WS-Z15-080613 B	1	6/26/08	50781	Y	0.97	6
ES-Z12-080606-A	0.65	6/28/08	50807	Y		
ES-Z12-080606-B	0.7	6/28/08	50807	Y	0.68	7
ES-Z13-080610 A	0.54	6/28/08	50807	Y		
ES-Z13-080610 B	0.5	6/28/08	50807	Y	0.52	8
ES-Z11-080605 B	0.75	7/9/08	51044	Y		
WS-Z16-080617-A	0.55	7/9/08	51044	Y	0.65	31
WS-Z16-080617-B	0.58	7/9/08	51044	Y		
WS-Z18-080620 A	0.82	7/9/08	51046	Y	0.70	34
WS-Z18-080620 B	0.75	7/9/08	51046	Y		
ES-Z05-080519 B	0.78	7/17/08	50786	Y	0.77	4
ES-Z06-080520 B	0.78	7/17/08	50786	Y		
ES-Z08-080527 B	0.85	7/17/08	50786	Y	0.82	9
ES-Z09-080529 B	0.84	7/17/08	50786	Y		
ES-Z10-080602 B	0.8	7/17/08	50786	Y	0.82	5
WS-Z01-080430 B	0.79	7/17/08	50786	Y		
WS-Z17-080618 A	0.91	7/18/08	51147	Y	0.85	14
ES-Z19-080624 A	0.47	7/21/08	51148	Y		
ES-Z19-080624 B	0.47	7/21/08	51148	Y	0.47	0
ES-Z07-080522 B	0.92	7/25/08	51406	Y		
WS-Z17-080618 B	0.85	7/25/08	51406	Y	0.89	8
WS-Z29-091217A	0.49	1/5/10	64004	Y		
WS-Z29-091217B	0.49	1/5/10	64004	Y	0.49	0

Analysis of EQIS CRMs	
Mean	0.709
Median	0.740
Standard Deviation	0.167
Sample Variance	0.028
Kurtosis	-1.147
Skewness	-0.196
Range	0.610
Minimum	0.390
Maximum	1.000
Sum	24.120
Count	34.000
Largest(2)	0.940
Smallest(2)	0.470

RPD of EQIS CRMs	
Mean	13.276
Median	7.692
Standard Deviation	13.346
Sample Variance	178.122
Kurtosis	-1.213
Skewness	0.773
Range	34.286
Minimum	0.000
Maximum	34.286
Sum	225.686
Count	17.000
Largest(2)	34.043
Smallest(2)	0.000

Table Indeno(1,2,3-cd)pyrene-5: Indeno(1,2,3-cd)pyrene Laboratory MS and LCS

Matrix Spike Recovery %	Batch	Order	LCS Recovery %	Batch	Order
87	49841	2	106	49841	2
36	49912	3	90	49912	3
52	50159	4	83	50159	4
52	50169	5	86	50169	5
44	50262	6	90	50262	6
77	50282	7	82	50282	7
62	50403	8	83	50403	8
95	50635	9	95	50635	9
95	50534	10	94	50534	10
91	50781	11	105	50781	11
66	50807	12	74	50807	12
73	51044	13	88	51044	13
82	51046	14	86	51046	14
77	51151	16	98	50786	15
96	51147	17	98	51151	16
76	51148	18	100	51147	17
68	51406	19	101	51148	18
83	56623	25	101	51406	19
68	64004	26	90	56623	25
90	64060	27	84	64004	26
74	70158	28	87	64060	27
			72	70158	28

Average MS Recovery = 74 % Average LCS Recovery = 91 %

Minimum MS Recovery = 36 % Minimum LCS Recovery = 72 %

Table Indeno(1,2,3-cd)pyrene-5: Indeno(1,2,3-cd)pyrene Laboratory MS and LCS (Graph)

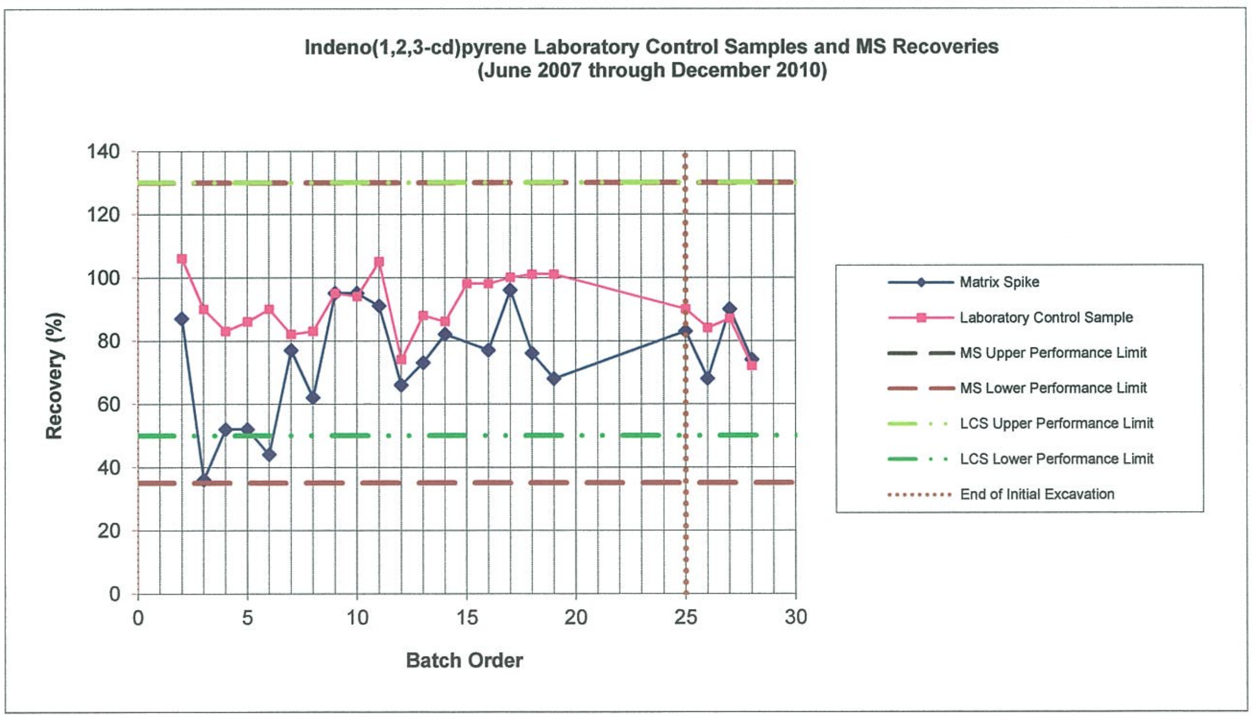


Table Indeno(1,2,3-cd)pyrene-6: Indeno(1,2,3-cd)pyrene - Laboratory MSD

Sample	Date	RPD	Batch	Order
WS-F02-080429MSD	5/15/08	27	49841	2
WS-N03-080507MSD	5/23/08	18	49912	3
WS-K05-080509MSD	5/30/08	17	50159	4
WS-K02-080509MSD	6/2/08	14	50169	5
BOR 52, 54, 57, 71MSD	6/4/08	21	50262	6
ES-S07-080521MSD	6/5/08	1	50282	7
BOR 500MSD	6/11/08	7	50403	8
ES-K02-080602MSD	6/20/08	6	50635	9
ES-V11-080529MSD	6/23/08	16	50534	10
ES-N09-080610MSD	6/26/08	2	50781	11
ES-L06-080605MSD	6/28/08	12	50807	12
WS-E04-080613MSD	7/9/08	8	51044	13
WS-C05-080620MSD	7/9/08	11	51046	14
WS-D04-080623MSD	7/17/08	5	51151	16
WS-I02-080618MSD	7/18/08	9	51147	17
ES-C01-080624MSD	7/21/08	3	51148	18
WS-K04-080513MSD	7/25/08	12	51406	19
ES-J03-090323MSD	4/3/09	7	56623	25
WS-M04-091218MSD	1/5/10	15	64004	26
DUP-44MSD	1/8/10	1	64060	27
ES-SB3-100901MSD	9/17/10	14	70158	28

Average MSD RPD = 11 %

Maximum MSD RPD = 27 %

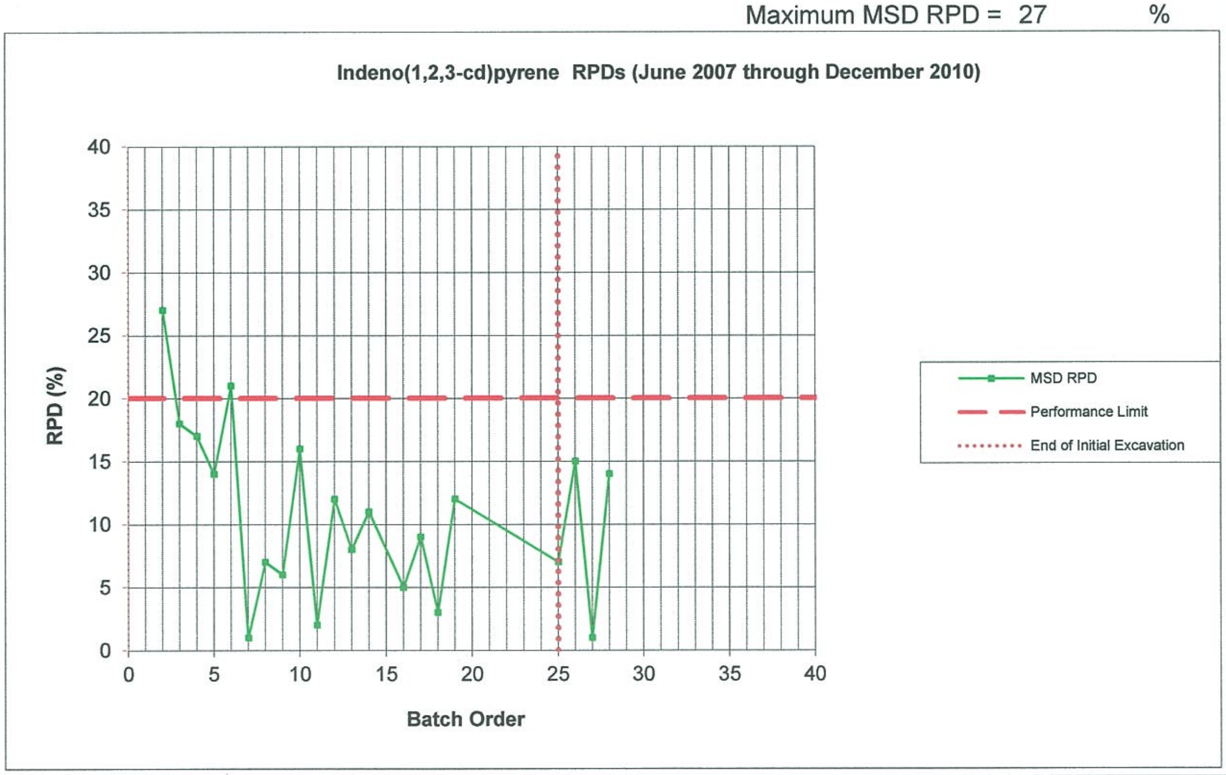


Table Indeno(1,2,3-cd)pyrene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries				
Sample	Recovery	Date	Batch	Order
WS-K04-080513	44	39601	50169	76
ES-R06-080521	43	39604	50282	113
ES-Q05-080520	51	39604	50282	124
ES-P07-080519	40	39610	50403	135
ES-Q10-D0	36	39882	56175	360
ES-P10-B1	52	39883	56192	373
ES-P10-C1	47	39883	56192	379
ES-R09-A1	18	39884	56245	389
ES-T09-B1	18	39889	56337	407
ES-N06-C0	48	39889	56337	416

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

For all Surrogate Measurements	
Mean Recovery	78
Median	77
Mode	73
Standard Deviation	13
Minimum	18

Table Indeno(1,2,3-cd)pyrene-7: Method 8282 Surrogate (Terphenyl-D14) Recoveries (Graph)

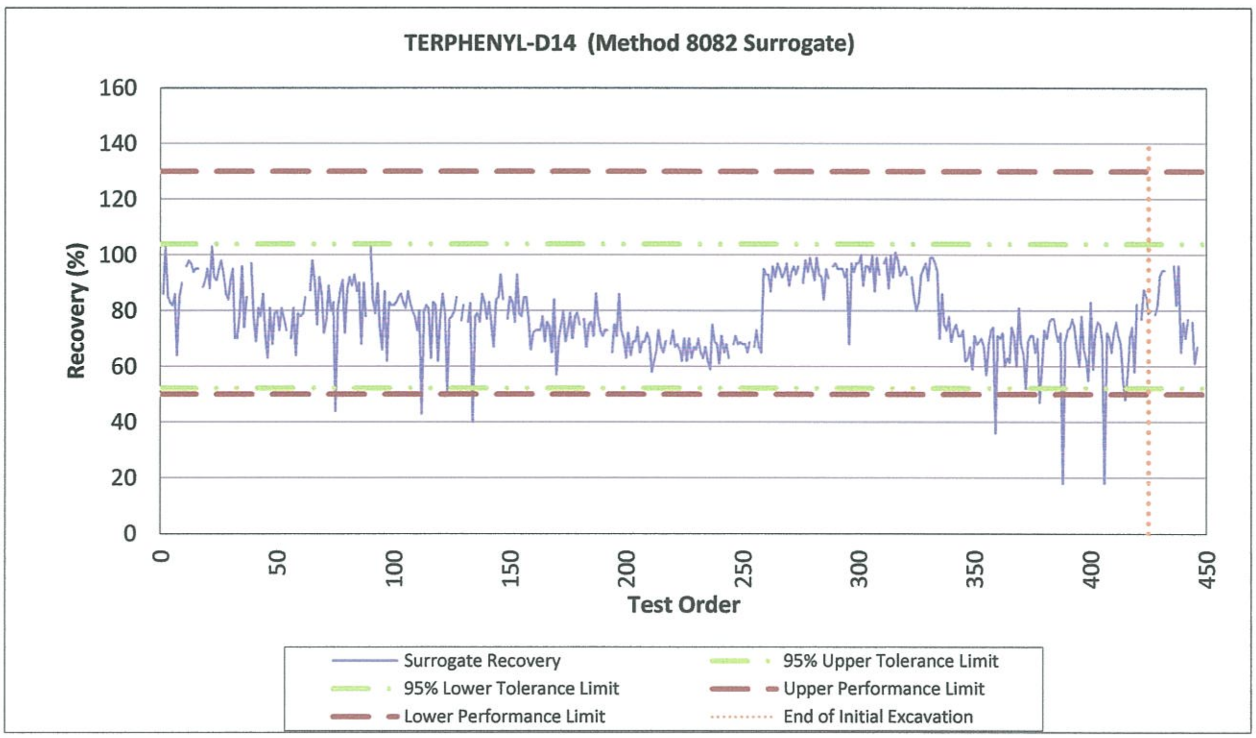


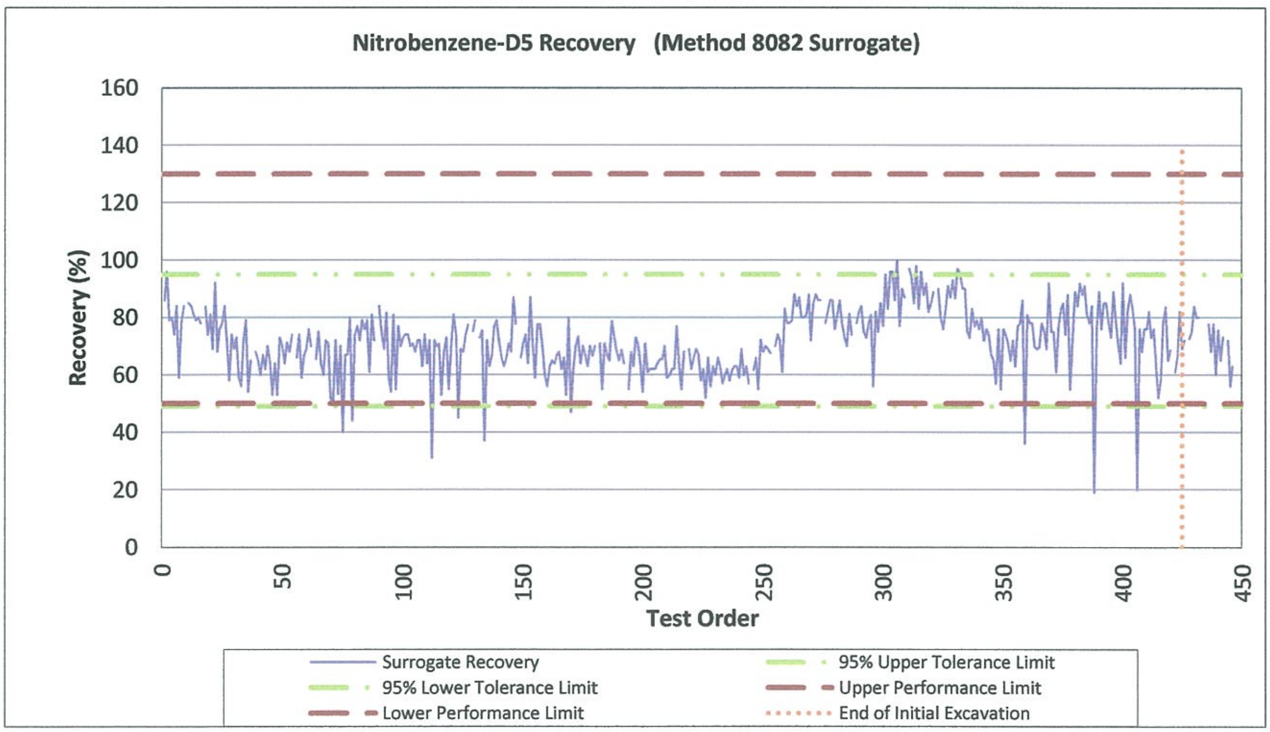
Table Indeno(1,2,3-cd)pyrene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries

Sample	Recovery	Date	Batch	Order
ES-R09-A1	19	39884	56245	11
ES-T09-B1	20	39889	56337	18
ES-R06-080521	31	39604	50282	39
ES-Q10-D0	36	39882	56175	56
ES-P07-080519	37	39610	50403	64
WS-K04-080513	40	39601	50169	90
ES-N04-080519	44	39601	50169	129
ES-Q05-080520	45	39604	50282	132
ES-T11-080530	47	39622	50534	149
WS-J02-080624	95	39650	51148	182
ES-E02-080611	95	39654	51406	194
A7E080000081B	96	39212	7128081	219
ES-C01-080624	96	39650	51148	246
WS-C04-080623	96	39650	51148	255
ES-A01-080623	96	39650	51148	276
BOR 508	97	39650	51148	289
ES-Z07-080522 B	97	39654	51406	311
DUP-18	98	39650	51148	323
577697	100	39650	51148	422

For all Surrogate Measurements	
Mean Recovery	72
Median	72
Mode	70
Standard Deviation	11
Minimum	19

Only samples having surrogate recoveries exceeding the upper or lower tolerance limits are tabularized.

Table Indeno(1,2,3-cd)pyrene-8: Method 8282 Surrogate (Nitrobenzene-D5) Recoveries (Graph)



INDENO(1,2,3-cd)PYRENE from 12/16/2010 database								
Site	quarter _acre_ grid	sample_location	chemical_name	result_ value	analysis _date	batch _id	detect _flag	sample_name
East Site	A1	ES-A01-080623	INDENO(1,2,3-CD)PYRENE	0.0069	07/21/08	51148	N	ES-A01-080623
East Site	B1	ES-B01-080623	INDENO(1,2,3-CD)PYRENE	0.11	07/21/08	51148	Y	ES-B01-080623
East Site	C1	ES-C01-080624	INDENO(1,2,3-CD)PYRENE	0.0068	07/21/08	51148	N	ES-C01-080624
East Site	D1	ES-D01-080624	INDENO(1,2,3-CD)PYRENE	0.0068	07/21/08	51148	N	ES-D01-080624
East Site	E1	ES-E01-080528	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-E01-080528
East Site	E2	ES-E02-080611	INDENO(1,2,3-CD)PYRENE	0.023	07/25/08	51406	Y	ES-E02-080611
East Site	F1	ES-F01-080529	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-F01-080529
East Site	F1	ES-F01-080529	INDENO(1,2,3-CD)PYRENE	0.0068	07/25/08	51406	N	DUP-17
East Site	G1	ES-G01-080529	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-G01-080529
East Site	G2	ES-G02-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-G02-080605
East Site	H1	ES-H01-080528	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-H01-080528
East Site	H2	ES-H02-080515	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-H02-080515
East Site	H3	ES-H03-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-H03-080605
East Site	I1	ES-I01-080529	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-I01-080529
East Site	I2	ES-I02-080514	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-I02-080514
East Site	I3	ES-I03-080513	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-I03-080513
East Site	I4	ES-I04-080602	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-I04-080602
East Site	J1	ES-J01-080529	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-J01-080529
East Site	J2	ES-J02-080527	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-J02-080527
East Site	J2	ES-J02-080527	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	DUP-15
East Site	J3	ES-J03-080513	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-J03-080513
East Site	J3	ES-J03-080513	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	DUP-11
East Site	J3	ES-J03-090323	INDENO(1,2,3-CD)PYRENE	0.024	04/03/09	56623	Y	ES-J03-090323
East Site	J4	ES-J04-080530	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-J04-080530
East Site	J4	ES-J04-080530	INDENO(1,2,3-CD)PYRENE	0.0068	07/21/08	51148	N	DUP-18
East Site	J5	ES-J05-080602	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-J05-080602
East Site	K1	ES-K01-080602	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-K01-080602
East Site	K2	ES-K02-080602	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-K02-080602
East Site	K3	ES-K03-080514	INDENO(1,2,3-CD)PYRENE	0.034	06/02/08	50169	Y	ES-K03-080514
East Site	K4	ES-K04-080527	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-K04-080527
East Site	K5	ES-K05-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-K05-080605
East Site	K5	ES-K05-080605	INDENO(1,2,3-CD)PYRENE	0.005	07/21/08	51148	N	DUP-19
East Site	K7	ES-K07-080611	INDENO(1,2,3-CD)PYRENE	0.13	06/26/08	50781	Y	ES-K07-080611
East Site	L1	ES-L01-080625	INDENO(1,2,3-CD)PYRENE	0.0068	07/17/08	51151	N	ES-L01-080625
East Site	L2	ES-L02-080625	INDENO(1,2,3-CD)PYRENE	0.0068	07/17/08	51151	N	ES-L02-080625
East Site	L3	ES-L03-080604	INDENO(1,2,3-CD)PYRENE	0.079	06/20/08	50635	Y	ES-L03-080604
East Site	L4	ES-L04-080604	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-L04-080604
East Site	L5	ES-L05-080620	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	ES-L05-080620
East Site	L6	ES-L06-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-L06-080605
East Site	M1	ES-M01-080527	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-M01-080527
East Site	M2	ES-M02-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-M02-080519
East Site	M3	ES-M03-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/03/08	50169	N	ES-M03-080519
East Site	M4	ES-M04-080515	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-M04-080515
East Site	M5	ES-M05-080527	INDENO(1,2,3-CD)PYRENE	0.0067	06/04/08	50262	N	ES-M05-080527

East Site	M6	ES-M06-080520	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-M06-080520
East Site	M7	ES-M07-080612	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51046	N	ES-M07-080612
East Site	M8	ES-M08-080610	INDENO(1,2,3-CD)PYRENE	0.1	06/28/08	50807	Y	ES-M08-080610
East Site	M9	ES-M09-080611	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	ES-M09-080611
East Site	N2	ES-N02-080528	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50262	N	ES-N02-080528
East Site	N3	ES-N03-080520	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-N03-080520
East Site	N4	ES-N04-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-N04-080519
East Site	N4	ES-N04-080519	INDENO(1,2,3-CD)PYRENE	0.0068	07/25/08	51406	N	ES-N04-080519
East Site	N5	ES-N05-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-N05-080519
East Site	N6	ES-N06-080527	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-N06-080527
East Site	N7	ES-N07-080530	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-N07-080530
East Site	N8	ES-N08-080610	INDENO(1,2,3-CD)PYRENE	0.0069	06/28/08	50807	N	ES-N08-080610
East Site	N9	ES-N09-080610	INDENO(1,2,3-CD)PYRENE	0.0069	06/26/08	50781	N	ES-N09-080610
East Site	N10	ES-N10-080610	INDENO(1,2,3-CD)PYRENE	0.0069	06/28/08	50807	N	ES-N10-080610
East Site	O3	ES-O03-080528	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50262	N	ES-O03-080528
East Site	O4	ES-O04-080515	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-O04-080515
East Site	O5	ES-O05-080520	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-O05-080520
East Site	O6	ES-O06-080529	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-O06-080529
East Site	O7	ES-O07-080530	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-O07-080530
East Site	O8	ES-O08-080530	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-O08-080530
East Site	O9	ES-O09-080610	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-O09-080610
East Site	O10	ES-O10-080611	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	ES-O10-080611
East Site	P4	ES-P04-080528	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-P04-080528
East Site	P4	ES-P04-080528	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	DUP-16
East Site	P5	ES-P05-080513	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-P05-080513
East Site	P6	ES-P06-080515	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	ES-P06-080515
East Site	P6	ES-P06-080515	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	DUP-12
East Site	P7	ES-P07-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/11/08	50403	N	ES-P07-080519
East Site	P7	ES-P07-080519	INDENO(1,2,3-CD)PYRENE	0.0068	07/25/08	51406	N	ES-P07-080519
East Site	P8	ES-P08-080530	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-P08-080530
East Site	P10	ES-P10-080606	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-P10-080606
East Site	P11	ES-P11-080606	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-P11-080606
East Site	Q5	ES-Q05-080520	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-Q05-080520
East Site	Q5	ES-Q05-080520	INDENO(1,2,3-CD)PYRENE	0.0068	07/25/08	51406	N	ES-Q05-080520
East Site	Q6	ES-Q06-080520	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-Q06-080520
East Site	Q7	ES-Q07-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/03/08	50169	N	ES-Q07-080519
East Site	Q8	ES-Q08-080519	INDENO(1,2,3-CD)PYRENE	0.039	06/03/08	50169	Y	ES-Q08-080519
East Site	Q9	ES-Q09-080612	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	ES-Q09-080612
East Site	Q10	ES-Q10-080606	INDENO(1,2,3-CD)PYRENE	0.081	06/20/08	50635	Y	ES-Q10-080606
East Site	Q11	ES-Q11-080606	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-Q11-080606
East Site	Q17	ES-Q17-080609	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-Q17-080609
East Site	R5	ES-R05-080521	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-R05-080521
East Site	R6	ES-R06-080521	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-R06-080521
East Site	R6	ES-R06-080521	INDENO(1,2,3-CD)PYRENE	0.0068	07/25/08	51406	N	ES-R06-080521
East Site	R7	ES-R07-080521	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-R07-080521
East Site	R8	ES-R08-080519	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-R08-080519
East Site	R9	ES-R09-080520	INDENO(1,2,3-CD)PYRENE	0.0068	06/11/08	50403	N	ES-R09-080520
East Site	R10	ES-R10-080602	INDENO(1,2,3-CD)PYRENE	0.0068	06/23/08	50534	N	ES-R10-080602
East Site	R11	ES-R11-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-R11-080605

East Site	R12	ES-R12-080611	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	ES-R12-080611
East Site	R16	ES-R16-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-R16-080605
East Site	R17	ES-R17-080606	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-R17-080606
East Site	S5	ES-S05-080521	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-S05-080521
East Site	S6	ES-S06-080521	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-S06-080521
East Site	S7	ES-S07-080521	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	ES-S07-080521
East Site	S8	ES-S08-080522	INDENO(1,2,3-CD)PYRENE	0.024	06/04/08	50262	Y	ES-S08-080522
East Site	S9	ES-S09-080522	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-S09-080522
East Site	S10	ES-S10-080523	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-S10-080523
East Site	S11	ES-S11-080528	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50262	N	ES-S11-080528
East Site	S12	ES-S12-080609	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-S12-080609
East Site	S13	ES-S13-080610	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-S13-080610
East Site	S17	ES-S17-080606	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-S17-080606
East Site	S18	ES-S18-080606	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-S18-080606
East Site	T7	ES-T07-080612	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	ES-T07-080612
East Site	T8	ES-T08-080522	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-T08-080522
East Site	T8	ES-T08-080522	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	DUP-13
East Site	T9	ES-T09-080522	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-T09-080522
East Site	T10	ES-T10-080523	INDENO(1,2,3-CD)PYRENE	0.022	06/04/08	50262	Y	ES-T10-080523
East Site	T10	ES-T10-080523	INDENO(1,2,3-CD)PYRENE	0.028	07/09/08	51046	Y	DUP-14
East Site	T11	ES-T11-080530	INDENO(1,2,3-CD)PYRENE	0.0069	06/23/08	50534	N	ES-T11-080530
East Site	T11	ES-T11-080530	INDENO(1,2,3-CD)PYRENE	0.0068	07/25/08	51406	N	ES-T11-080530
East Site	T12	ES-T12-080609	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-T12-080609
East Site	T13	ES-T13-080609	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-T13-080609
East Site	T14	ES-T14-080610	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-T14-080610
East Site	U10	ES-U10-080523	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-U10-080523
East Site	U11	ES-U11-080602	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-U11-080602
East Site	U13	ES-U13-080610	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-U13-080610
East Site	U14	ES-U14-080610	INDENO(1,2,3-CD)PYRENE	0.0068	06/28/08	50807	N	ES-U14-080610
East Site	V11	ES-V11-080529	INDENO(1,2,3-CD)PYRENE	0.15	06/23/08	50534	Y	ES-V11-080529
East Site	V14	ES-V14-080605	INDENO(1,2,3-CD)PYRENE	0.0068	06/20/08	50635	N	ES-V14-080605
East Site	W12	ES-W12-080527	INDENO(1,2,3-CD)PYRENE	0.0068	06/04/08	50262	N	ES-W12-080527
West Site	A4	WS-A04-080626	INDENO(1,2,3-CD)PYRENE	0.0068	07/17/08	51151	N	WS-A04-080626
West Site	B2	WS-B02-080502	INDENO(1,2,3-CD)PYRENE	0.0069	05/29/08	49912	N	WS-B02-080502
West Site	B3	WS-B03-080502	INDENO(1,2,3-CD)PYRENE	0.029	05/20/08	49912	Y	WS-B03-080502
West Site	B4	WS-B04-080626	INDENO(1,2,3-CD)PYRENE	0.0068	07/17/08	51151	N	WS-B04-080626
West Site	B5	WS-B05-080626	INDENO(1,2,3-CD)PYRENE	0.0068	07/17/08	51151	N	WS-B05-080626
West Site	C1	WS-C01-080501	INDENO(1,2,3-CD)PYRENE	0.0068	05/15/08	49841	N	WS-C01-080501
West Site	C1	WS-C01-080501	INDENO(1,2,3-CD)PYRENE	0.0068	05/30/08	50159	N	DUP-3
West Site	C2	WS-C02-080428	INDENO(1,2,3-CD)PYRENE	0.0068	05/15/08	49841	N	WS-C02-080428
West Site	C3	WS-C03-080620	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-C03-080620
West Site	C4	WS-C04-080623	INDENO(1,2,3-CD)PYRENE	0.0068	07/21/08	51148	N	WS-C04-080623
West Site	C5	WS-C05-080620	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51046	N	WS-C05-080620
West Site	C6	WS-C06-080624	INDENO(1,2,3-CD)PYRENE	0.0068	07/21/08	51148	N	WS-C06-080624
West Site	D1	WS-D01-080430	INDENO(1,2,3-CD)PYRENE	0.0067	05/15/08	49841	N	WS-D01-080430
West Site	D2	WS-D02-080429	INDENO(1,2,3-CD)PYRENE	0.0068	05/15/08	49841	N	WS-D02-080429
West Site	D2	WS-D02-080429	INDENO(1,2,3-CD)PYRENE	0.0068	05/15/08	49841	N	DUP-2
West Site	D3	WS-D03-080620	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-D03-080620
West Site	D4	WS-D04-080623	INDENO(1,2,3-CD)PYRENE	0.11	07/17/08	51151	Y	WS-D04-080623

West Site	D5	WS-D05-080620	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-D05-080620
West Site	D6	WS-D06-080619	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-D06-080619
West Site	D7	WS-D07-080619	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-D07-080619
West Site	E1	WS-E01-080430	INDENO(1,2,3-CD)PYRENE	0.0068	05/15/08	49841	N	WS-E01-080430
West Site	E2	WS-E02-080428	INDENO(1,2,3-CD)PYRENE	0.012	05/15/08	49841	Y	DUP-1
West Site	E2	WS-E02-080428	INDENO(1,2,3-CD)PYRENE	0.0068	05/15/08	49841	N	WS-E02-080428
West Site	E3	WS-E03-080619	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-E03-080619
West Site	E4	WS-E04-080613	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-E04-080613
West Site	E5	WS-E05-080613	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	WS-E05-080613
West Site	E6	WS-E06-080613	INDENO(1,2,3-CD)PYRENE	0.0068	07/17/08	51151	N	WS-E06-080613
West Site	E7	WS-E07-080613	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-E07-080613
West Site	E8	WS-E08-080616	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-E08-080616
West Site	F1	WS-F01-080429	INDENO(1,2,3-CD)PYRENE	0.019	05/15/08	49841	Y	WS-F01-080429
West Site	F2	WS-F02-080429	INDENO(1,2,3-CD)PYRENE	0.012	05/15/08	49841	Y	WS-F02-080429
West Site	F3	WS-F03-080619	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-F03-080619
West Site	F4	WS-F04-080616	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-F04-080616
West Site	F5	WS-F05-080612	INDENO(1,2,3-CD)PYRENE	0.069	07/09/08	51044	Y	WS-F05-080612
West Site	F6	WS-F06-080612	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-F06-080612
West Site	F7	WS-F07-080617	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-F07-080617
West Site	F8	WS-F08-080618	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-F08-080618
West Site	G1	WS-G01-080501	INDENO(1,2,3-CD)PYRENE	0.016	05/15/08	49841	Y	WS-G01-080501
West Site	G1	WS-G01-080501	INDENO(1,2,3-CD)PYRENE	0.0051	05/30/08	50159	N	DUP-4
West Site	G2	WS-G02-080618	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-G02-080618
West Site	G3	WS-G03-080619	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-G03-080619
West Site	G4	WS-G04-080616	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-G04-080616
West Site	G5	WS-G05-080613	INDENO(1,2,3-CD)PYRENE	0.0068	06/26/08	50781	N	WS-G05-080613
West Site	G6	WS-G06-080616	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-G06-080616
West Site	G7	WS-G07-080617	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-G07-080617
West Site	H1	WS-H01-080501	INDENO(1,2,3-CD)PYRENE	0.016	05/20/08	49912	Y	WS-H01-080501
West Site	H2	WS-H02-080618	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-H02-080618
West Site	H3	WS-H03-080619	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-H03-080619
West Site	H4	WS-H04-080616	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-H04-080616
West Site	H5	WS-H05-080613	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-H05-080613
West Site	H6	WS-H06-080617	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-H06-080617
West Site	I1	WS-I01-080501	INDENO(1,2,3-CD)PYRENE	0.0071	05/29/08	49912	N	WS-I01-080501
West Site	I1	WS-I01-080501	INDENO(1,2,3-CD)PYRENE	0.0071	05/30/08	50159	N	DUP-5
West Site	I2	WS-I02-080618	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-I02-080618
West Site	I3	WS-I03-080618	INDENO(1,2,3-CD)PYRENE	0.0067	07/18/08	51147	N	WS-I03-080618
West Site	I4	WS-I04-080617	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-I04-080617
West Site	I5	WS-I05-080617	INDENO(1,2,3-CD)PYRENE	0.0068	07/09/08	51044	N	WS-I05-080617
West Site	I6	WS-I06-080617	INDENO(1,2,3-CD)PYRENE	0.0069	07/09/08	51044	N	WS-I06-080617
West Site	J1	WS-J01-080505	INDENO(1,2,3-CD)PYRENE	0.0068	05/29/08	49912	N	WS-J01-080505
West Site	J1	WS-J01-080505	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	DUP-6
West Site	J2	WS-J02-080624	INDENO(1,2,3-CD)PYRENE	0.0068	07/21/08	51148	N	WS-J02-080624
West Site	J3	WS-J03-080620	INDENO(1,2,3-CD)PYRENE	0.027	07/09/08	51046	Y	WS-J03-080620
West Site	J4	WS-J04-080617	INDENO(1,2,3-CD)PYRENE	0.0069	07/09/08	51044	N	WS-J04-080617
West Site	J5	WS-J05-080618	INDENO(1,2,3-CD)PYRENE	0.0068	07/18/08	51147	N	WS-J05-080618
West Site	K1	WS-K01-080505	INDENO(1,2,3-CD)PYRENE	0.0068	05/28/08	49912	N	WS-K01-080505
West Site	K2	WS-K02-080509	INDENO(1,2,3-CD)PYRENE	0.031	06/02/08	50169	N	WS-K02-080509

West Site	K3	WS-K03-080509	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	WS-K03-080509
West Site	K4	WS-K04-080513	INDENO(1,2,3-CD)PYRENE	0.0068	06/02/08	50169	N	WS-K04-080513
West Site	K4	WS-K04-080513	INDENO(1,2,3-CD)PYRENE	0.0067	06/23/08	50534	N	DUP-10
West Site	K4	WS-K04-080513	INDENO(1,2,3-CD)PYRENE	0.02	07/25/08	51406	Y	WS-K04-080513
West Site	K5	WS-K05-080509	INDENO(1,2,3-CD)PYRENE	0.0068	05/30/08	50159	N	WS-K05-080509
West Site	L1	WS-L01-080505	INDENO(1,2,3-CD)PYRENE	0.0068	05/28/08	49912	N	WS-L01-080505
West Site	L2	WS-L02-080508	INDENO(1,2,3-CD)PYRENE	0.0068	05/20/08	49912	N	WS-L02-080508
West Site	L3	WS-L03-080508	INDENO(1,2,3-CD)PYRENE	0.0068	05/20/08	49912	N	WS-L03-080508
West Site	L4	WS-L04-080508	INDENO(1,2,3-CD)PYRENE	0.0068	05/20/08	49912	N	WS-L04-080508
West Site	L4	WS-L04-080508	INDENO(1,2,3-CD)PYRENE	0.0068	06/05/08	50282	N	DUP-9
West Site	M1	WS-M01-080505	INDENO(1,2,3-CD)PYRENE	0.0069	05/29/08	49912	N	WS-M01-080505
West Site	M1	WS-M01-080505	INDENO(1,2,3-CD)PYRENE	0.0069	05/30/08	50159	N	DUP-7
West Site	M2	WS-M02-080507	INDENO(1,2,3-CD)PYRENE	0.0068	05/29/08	49912	N	WS-M02-080507
West Site	M3	WS-M03-080507	INDENO(1,2,3-CD)PYRENE	0.23	05/29/08	49912	Y	WS-M03-080507
West Site	M3	WS-M03-080507	INDENO(1,2,3-CD)PYRENE	0.49	06/05/08	50262	Y	DUP-8
West Site	M3	WS-M03-091217	INDENO(1,2,3-CD)PYRENE	0.005	01/05/10	64004	N	WS-M03-091217
West Site	M4	WS-M04-080507	INDENO(1,2,3-CD)PYRENE	1.3	06/04/08	49912	Y	WS-M04-080507
West Site	M4	WS-M04-091218	INDENO(1,2,3-CD)PYRENE	0.005	01/05/10	64004	N	WS-M04-091218
West Site	M4	WS-M04-091218	INDENO(1,2,3-CD)PYRENE	0.005	01/08/10	64060	N	DUP-44
West Site	M4	WS-M04-091218	INDENO(1,2,3-CD)PYRENE	0.0050	01/08/10	64060	N	DUP-44
West Site	N1	WS-N01-080506	INDENO(1,2,3-CD)PYRENE	0.0068	05/29/08	49912	N	WS-N01-080506
West Site	N2	WS-N02-080506	INDENO(1,2,3-CD)PYRENE	0.0068	05/20/08	49912	N	WS-N02-080506
West Site	N3	WS-N03-080507	INDENO(1,2,3-CD)PYRENE	0.0068	05/20/08	49912	N	WS-N03-080507
West Site	O1	WS-O01-080506	INDENO(1,2,3-CD)PYRENE	0.0068	05/28/08	49912	N	WS-O01-080506
West Site	O2	WS-O02-080506	INDENO(1,2,3-CD)PYRENE	0.0068	05/29/08	49912	N	WS-O02-080506

Table Benzene-1: Benzene Data Quality Summary				
Laboratory Performance Criteria	Criteria	Measured	Comment	
Minimum LCS Recovery	greater than 80%	81%		
Minimum Matrix Spike Recovery	greater than 80%	81%		
Minimum Surrogate Recovery	greater than 80%	102%	A,A,A-Trifluorotoluene	
Average LCS Recovery	N/A	94%		
Average Matrix Spike Recovery	N/A	97%		
Average Surrogate Recovery	N/A	117%	A,A,A-Trifluorotoluene	
Maximum MSD RPD	less than 20%	21%		
Average MSD RPD	N/A	7%		
Measurement Quality Objectives	Criteria	Measured		
NPS CRM	None	Minimum Recovery =	N/A	mg/kg
EQIS CRM	N/A	Minimum Recovery =	N/A	mg/kg
CVS Split Analysis RPD	RPD less than 35%	Maximum RPD =	N/A	%
CRM Split Analysis RPD	RPD less than 35%	Maximum RPD =	0	%
Overall QC Indicator Measurements	Criteria	Measured		
NPS CRM "Made to" (Bias measure)	N/A	Average Recovery =	N/A	%
NPS Replicate Test (Precision measure)	None	Standard Deviation =	N/A	mg/kg
Data Quality Relative to Remediation Goals				
Tier 1 Remediation Goal	0.0060	mg/kg		
Tier 2 Remediation Goal	None			
QC Derived Reliance Level	0.0058	mg/kg See Note 1		

Comments: High surrogate recoveries (all greater than 100%) indicate a measurement bias favoring high concentrations. Minimum LCS recovery and minimum matrix spike recovery similar in magnitude to respective average recoveries indicate a slight, consistent bias favoring low measurements. A derived reliance level (0.0058 mg/kg) that is approximately equal to the RG (0.0060 mg/kg) indicates that measurement problems will not significantly impact decisions related to determining RG compliance. No measured CVS benzene concentrations that are needed for the RG achievement decision exceeded the derived reliance level. Based on the foregoing, it is concluded that benzene CVS measurements are of acceptable quality and may be used to determine RG achievement.

Note 1: A standard deviation (.00168 mg/kg) is estimated to represent measurement precision near the RG and is calculated as the product of the RG (0,0060 mg/kg) and a coefficient of variation estimated from MSD results (0.28). It is used with the presumption of no bias to calculate the derived reliance level (.0058). Derived reliance level is calculated as:

(Tier 1 RG)(1.2)(Average Recovery)-(0.84)(Standard deviation) = (0.003)(1.2)(1)-(0.84)(0.00168) = 0.0058 mg/kg

Table Benzene-2: Benzene - NPS CRMs				
Blind NPS CRM Results				
Sample	Result	Analysis Date	Batch	Detect
None				

CRMs	Vendor Supplied Information
Mean	*Made to*
Standard Error	*mg/kg*
Median	
Standard Deviation	*Upper Acceptance Limit*
Sample Variance	*mg/kg*
Kurtosis	
Skewness	*Lower Acceptance Limit*
Range	*mg/kg*
Minimum	
Maximum	
Sum	
Count	
Largest(2)	
Smallest(2)	

Table Benzene-3: Benzene NPS and EQIS Duplicates

Sample	Result	Analysis Date	Batch	Split	Result	Analysis Date	RPD
DUP-17	0.00250	6/26/08	50697	WS-F01-080429	0.00300	5/28/2008	
DUP-15	0.00320	6/21/08	50549	WS-L04-080508	0.00280	5/29/2008	
DUP-11	0.00380	6/10/08	50323	WS-K03-080509	0.00660	6/6/2008	
DUP-18	0.00290	6/26/08	50698	ES-S10-080523	0.00300	6/7/2008	
DUP-19	0.00260	7/2/08	50903	ES-M05-080527	0.00350	6/7/2008	
DUP-16	0.00350	6/25/08	50697	ES-O09-080610	0.03200	6/30/2008	
DUP-12	0.00320	6/19/08	50547	WS-F05-080612	0.00270	7/13/2008	
DUP-13	0.00300	6/20/08	50548	ES-Q11-080606	0.00340	6/27/2008	
DUP-14	0.00330	6/20/08	50548	WS-E06-080613	0.00300	7/21/2008	
DUP-3	0.00400	5/17/08	49812	OU-8HR-080605	0.00400	6/27/2008	
DUP 20A	0.00460	11/24/08	54434	WS-E02-080428	0.00320	5/28/2008	
DUP-2	0.00300	5/17/08	49812	WS-D02-080429	0.00310	5/28/2008	
DUP-1	0.00320	5/17/08	49812	WS-C01-080501	0.00420	5/28/2008	
DUP-4	0.00310	5/20/08	49927	WS-G01-080501	0.00390	5/28/2008	
DUP-5	0.00350	5/21/08	49954	WS-I01-080501	0.00430	5/29/2008	
DUP-10	0.00300	6/10/08	50323	WS-M01-080505	0.00520	5/29/2008	
DUP-9	0.00280	6/9/08	50245	WS-M03-080507	0.00470	5/29/2008	
DUP-7	0.00460	6/2/08	50126	WS-J01-080505	0.00390	5/29/2008	
DUP-8	0.00400	6/3/08	50199	WS-L04-080508	0.00280	5/29/2008	

☐ Below reporting limit. Reporting limit shown.

RPD of Sample Splits	
Mean	
Standard Error	
Median	
Standard Deviation	
Sample Variance	
Kurtosis	
Skewness	
Range	
Minimum	
Maximum	
Sum	
Count	
Largest(2)	
Smallest(2)	

Table Benzene-4: Benzene EQIS CRMs

Results of Duplicate Analysis of EQIS CRMs

Sample	Result	Date	Batch	Detect	Average	RPD
ES-Z19-080624 A	0.0069	7/3/08	50903	Y		
ES-Z19-080624 B	0.0069	7/3/08	50903	Y	0.0069	0
WS-Z18-080620 A	0.0053	6/27/08	50698	Y		
WS-Z18-080620 B	0.0053	6/27/08	50698	Y	0.0053	0

Analysis of EQIS CRMs	
Mean	0.006
Median	0.006
Standard Deviation	0.001
Sample Variance	0.000
Kurtosis	-6.000
Skewness	0.000
Range	0.002
Minimum	0.005
Maximum	0.007
Sum	0.024
Count	4.000
Largest(2)	0.007
Smallest(2)	0.005

RPD of EQIS CRMs	
Mean	0.000
Median	0.000
Standard Deviation	0.000
Sample Variance	0.000
Kurtosis	
Skewness	
Range	0.000
Minimum	0.000
Maximum	0.000
Sum	0.000
Count	2.000
Largest(2)	0.000
Smallest(2)	0.000

Table Benzene-5: Benzene Laboratory LCS and MS

Matrix Spike Recovery %	Batch	Order	LCS Recovery %	Batch	Order
98	49691	1	92	49691	1
95	49812	2	92	49812	2
103	49927	3	101	49927	3
92	49954	4	91	49954	4
96	50126	5	95	50126	5
100	50199	6	99	50199	6
104	50245	7	93	50245	7
91	50323	8	100	50323	8
100	50323	8	112	50547	9
105	50547	9	108	50548	10
102	50548	10	97	50549	11
103	50549	11	90	50696	13
94	50696	13	89	50697	12
86	50697	12	91	50698	14
92	50698	14	91	50903	15
102	50903	15	88	54434	16
95	54434	16	81	63479	17
81	63479	17	90	64196	18

Average MS Recovery = 97 % Average LCS Recovery = 94 %

Minimum MS Recovery = 81 % Minimum LCS Recovery = 81 %

Table Benzene-5: Benzene Laboratory LCS and MS (Graph)

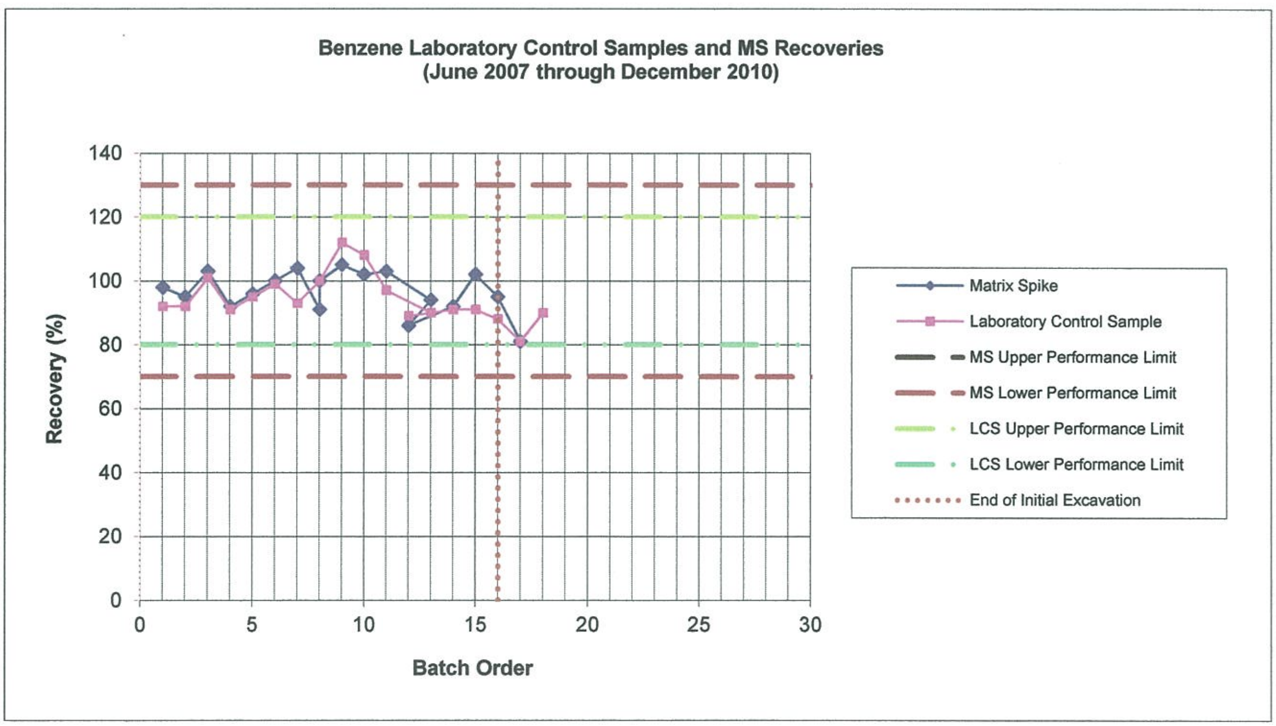


Table Benzene-6: Benzene - Laboratory MSD

Sample	Date	RPD	Batch	Order
WS-F02-080429MSD	5/8/08	2	49691	1
WS-N03-080507MSD	5/17/08	0	49812	2
DUP-4MSD	5/20/08	2	49927	3
ES-P07-080519MSD	5/22/08	6	49954	4
ES-S07-080521MSD	6/3/08	6	50126	5
ES-W12-080527MSD	6/3/08	1	50199	6
ES-V11-080529MSD	6/10/08	6	50245	7
ES-K02-080602MSD	6/11/08	1	50323	8
ES-L06-080605MSD	6/11/08	20	50323	8
ES-P11-080606MSD	6/19/08	0	50547	9
ES-N09-080610MSD	6/20/08	10	50548	10
WS-E04-080613MSD	6/21/08	9	50549	11
WS-E08-080616MSD	6/25/08	10	50696	13
WS-I02-080618MSD	6/26/08	1	50697	12
WS-F03-080619MSD	6/27/08	3	50698	14
WS-D04-080623MSD	7/3/08	21	50903	15
ES-C01-080624MSD	7/3/08	9	50903	15
ES-O08-081113MSD	11/24/08	6	54434	16
WS-K03-091124MSD	12/1/09	14	63479	17

Average MSD RPD = 7 %

Maximum MSD RPD = 21 %

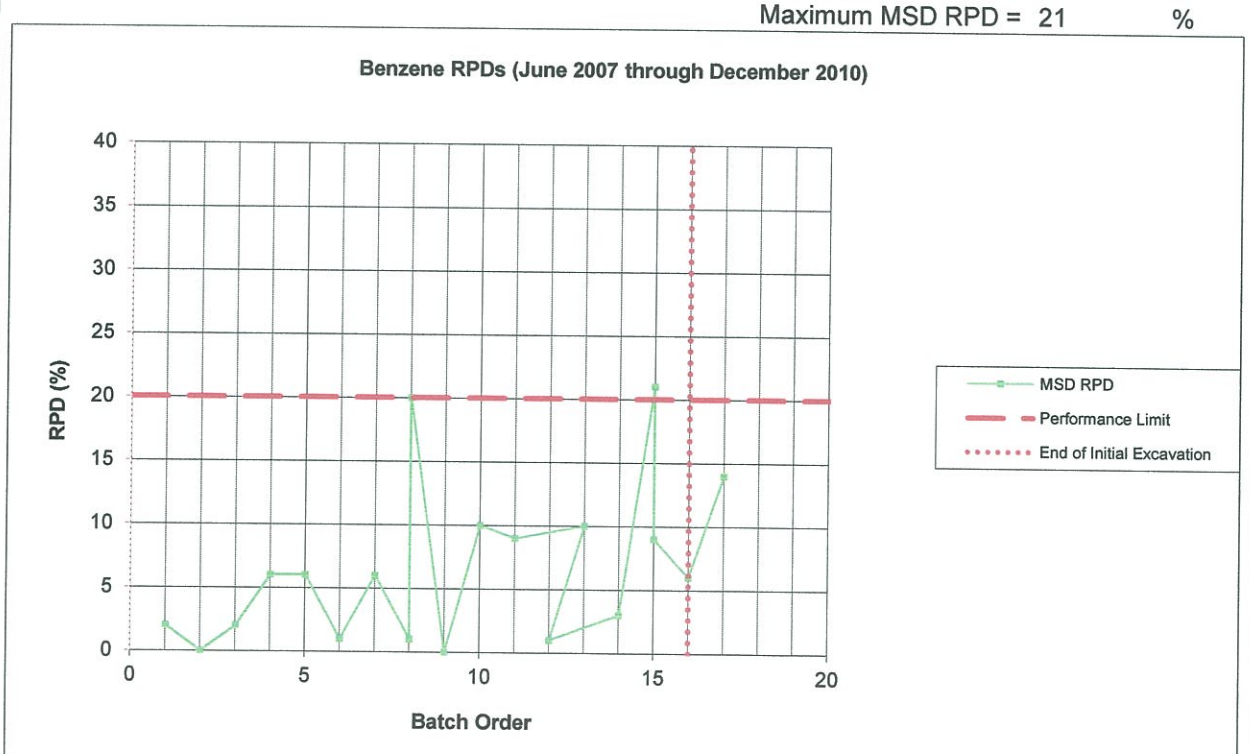
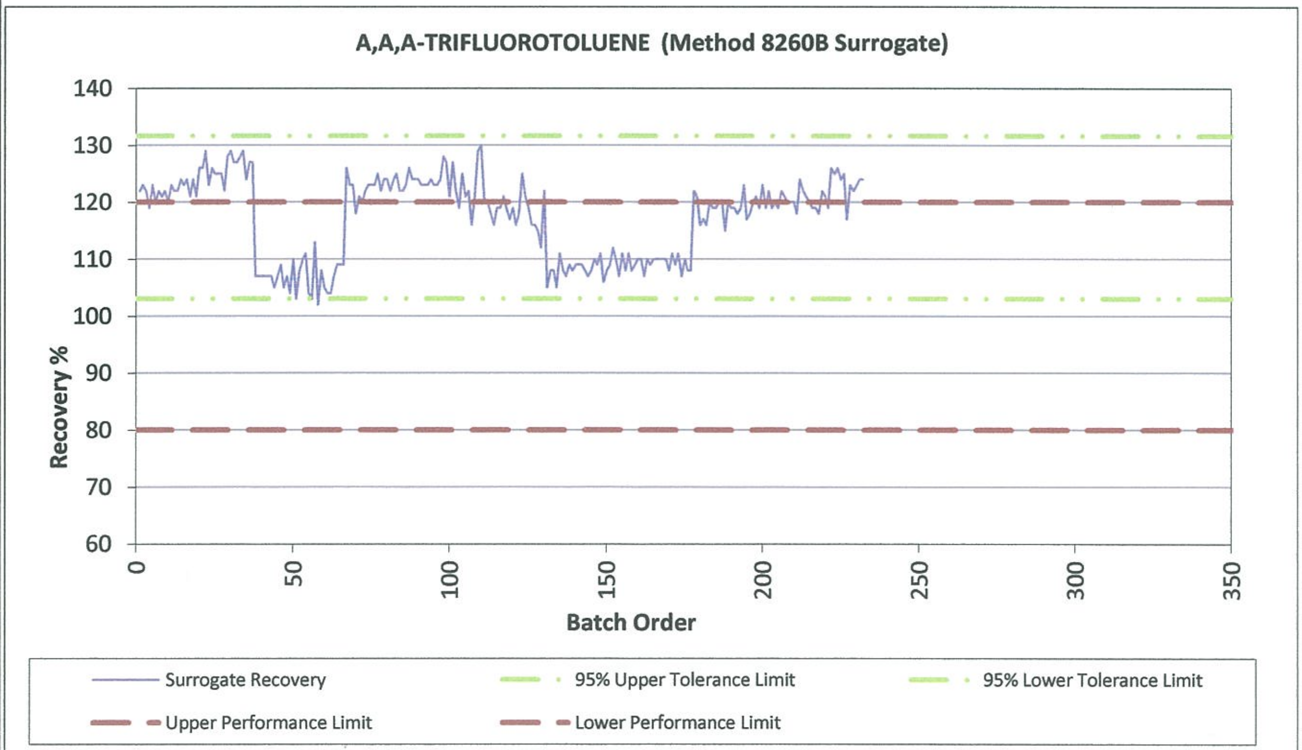


Table Benzene-7: Method 8260B Surrogate (A,A,A-TRIFLUOROTOLUENE) Recoveries				
Sample	Recovery	Date	Batch	Order

No measurements exceeded performance criteria.

For all Surrogate Measurements	
Mean	117
Median	120
Mode	122
Standard Deviation	7
Minimum	102



Benzene results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	A1	ES-A01-080623	BENZENE	0.0040	07/02/08	50903	N	ES-A01-080623
East Site	B1	ES-B01-080623	BENZENE	0.0054	07/02/08	50903	N	ES-B01-080623
East Site	C1	ES-C01-080624	BENZENE	0.0038	07/02/08	50903	N	ES-C01-080624
East Site	D1	ES-D01-080624	BENZENE	0.0023	07/02/08	50903	N	ES-D01-080624
East Site	E1	ES-E01-080528	BENZENE	0.0035	06/03/08	50199	N	ES-E01-080528
East Site	E2	ES-E02-080611	BENZENE	0.0030	06/20/08	50548	N	ES-E02-080611
East Site	F1	ES-F01-080529	BENZENE	0.0029	06/09/08	50245	N	ES-F01-080529
East Site	F1	ES-F01-080529	BENZENE	0.0025	06/26/08	50697	N	DUP-17
East Site	G1	ES-G01-080529	BENZENE	0.0027	06/09/08	50245	N	ES-G01-080529
East Site	G2	ES-G02-080605	BENZENE	0.0029	06/11/08	50323	N	ES-G02-080605
East Site	H1	ES-H01-080528	BENZENE	0.0031	06/03/08	50199	N	ES-H01-080528
East Site	H2	ES-H02-080515	BENZENE	0.0028	05/20/08	49927	N	ES-H02-080515
East Site	H3	ES-H03-080605	BENZENE	0.0030	06/10/08	50323	N	ES-H03-080605
East Site	I1	ES-I01-080529	BENZENE	0.0025	06/09/08	50245	N	ES-I01-080529
East Site	I2	ES-I02-080514	BENZENE	0.0028	05/20/08	49927	N	ES-I02-080514
East Site	I3	ES-I03-080513	BENZENE	0.0031	05/20/08	49927	N	ES-I03-080513
East Site	I4	ES-I04-080602	BENZENE	0.0028	06/10/08	50323	N	ES-I04-080602
East Site	J1	ES-J01-080529	BENZENE	0.0038	06/09/08	50245	N	ES-J01-080529
East Site	J2	ES-J02-080527	BENZENE	0.0036	06/03/08	50199	N	ES-J02-080527
East Site	J2	ES-J02-080527	BENZENE	0.0032	06/21/08	50549	N	DUP-15
East Site	J3	ES-J03-080513	BENZENE	0.0029	05/20/08	49927	N	ES-J03-080513
East Site	J3	ES-J03-080513	BENZENE	0.0038	06/10/08	50323	N	DUP-11
East Site	J4	ES-J04-080530	BENZENE	0.0034	06/09/08	50245	N	ES-J04-080530
East Site	J4	ES-J04-080530	BENZENE	0.0029	06/26/08	50698	N	DUP-18
East Site	J5	ES-J05-080602	BENZENE	0.0030	06/10/08	50323	N	ES-J05-080602
East Site	K1	ES-K01-080602	BENZENE	0.0031	06/10/08	50323	N	ES-K01-080602
East Site	K2	ES-K02-080602	BENZENE	0.0033	06/10/08	50323	N	ES-K02-080602
East Site	K3	ES-K03-080514	BENZENE	0.0032	05/20/08	49927	N	ES-K03-080514
East Site	K4	ES-K04-080527	BENZENE	0.0039	06/03/08	50199	N	ES-K04-080527
East Site	K5	ES-K05-080605	BENZENE	0.0032	06/11/08	50323	N	ES-K05-080605
East Site	K5	ES-K05-080605	BENZENE	0.0026	07/02/08	50903	N	DUP-19
East Site	K7	ES-K07-080611	BENZENE	0.0034	06/20/08	50548	N	ES-K07-080611
East Site	L1	ES-L01-080625	BENZENE	0.0043	07/02/08	50903	N	ES-L01-080625
East Site	L2	ES-L02-080625	BENZENE	0.0037	07/02/08	50903	N	ES-L02-080625
East Site	L3	ES-L03-080604	BENZENE	0.0032	06/10/08	50323	N	ES-L03-080604
East Site	L4	ES-L04-080604	BENZENE	0.0026	06/10/08	50323	N	ES-L04-080604
East Site	L5	ES-L05-080620	BENZENE	0.0044	06/26/08	50698	N	ES-L05-080620
East Site	L6	ES-L06-080605	BENZENE	0.0036	06/10/08	50323	N	ES-L06-080605
East Site	M1	ES-M01-080527	BENZENE	0.0029	06/03/08	50199	N	ES-M01-080527
East Site	M2	ES-M02-080519	BENZENE	0.0030	05/21/08	49954	N	ES-M02-080519
East Site	M3	ES-M03-080519	BENZENE	0.0029	05/21/08	49954	N	ES-M03-080519
East Site	M4	ES-M04-080515	BENZENE	0.0036	05/20/08	49927	N	ES-M04-080515
East Site	M5	ES-M05-080527	BENZENE	0.0035	06/03/08	50199	N	ES-M05-080527
East Site	M7	ES-M07-080612	BENZENE	0.0043	06/20/08	50549	N	ES-M07-080612
East Site	M8	ES-M08-080610	BENZENE	0.0037	06/20/08	50548	N	ES-M08-080610
East Site	M9	ES-M09-080611	BENZENE	0.0037	06/20/08	50548	N	ES-M09-080611

Benzene results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	N2	ES-N02-080528	BENZENE	0.0025	06/03/08	50199	N	ES-N02-080528
East Site	N4	ES-N04-080519	BENZENE	0.0033	05/21/08	49954	N	ES-N04-080519
East Site	N5	ES-N05-080519	BENZENE	0.0033	05/21/08	49954	N	ES-N05-080519
East Site	N6	ES-N06-080527	BENZENE	0.0033	06/03/08	50199	N	ES-N06-080527
East Site	N7	ES-N07-080530	BENZENE	0.0030	06/09/08	50245	N	ES-N07-080530
East Site	N8	ES-N08-080610	BENZENE	0.0030	06/20/08	50548	N	ES-N08-080610
East Site	N9	ES-N09-080610	BENZENE	0.0030	06/20/08	50548	N	ES-N09-080610
East Site	N10	ES-N10-080610	BENZENE	0.0037	06/20/08	50548	N	ES-N10-080610
East Site	O3	ES-O03-080528	BENZENE	0.0028	06/03/08	50199	N	ES-O03-080528
East Site	O4	ES-O04-080515	BENZENE	0.0032	05/20/08	49927	N	ES-O04-080515
East Site	O6	ES-O06-080529	BENZENE	0.0047	06/09/08	50245	N	ES-O06-080529
East Site	O7	ES-O07-080530	BENZENE	0.0030	06/09/08	50245	N	ES-O07-080530
East Site	O8	ES-O08-080530	BENZENE	0.0066	06/09/08	50245	Y	ES-O08-080530
East Site	O8	ES-O08-081113	BENZENE	0.0004	11/24/08	54434	N	ES-O08-081113
East Site	O9	ES-O09-080610	BENZENE	0.0032	06/20/08	50548	N	ES-O09-080610
East Site	O10	ES-O10-080611	BENZENE	0.0039	06/20/08	50548	N	ES-O10-080611
East Site	P4	ES-P04-080528	BENZENE	0.0037	06/03/08	50199	N	ES-P04-080528
East Site	P4	ES-P04-080528	BENZENE	0.0035	06/25/08	50697	N	DUP-16
East Site	P5	ES-P05-080513	BENZENE	0.0029	05/20/08	49927	N	ES-P05-080513
East Site	P6	ES-P06-080515	BENZENE	0.0030	05/20/08	49927	N	ES-P06-080515
East Site	P6	ES-P06-080515	BENZENE	0.0032	06/19/08	50547	N	DUP-12
East Site	P7	ES-P07-080519	BENZENE	0.0031	05/21/08	49954	N	ES-P07-080519
East Site	P8	ES-P08-080530	BENZENE	0.0220	06/09/08	50245	Y	ES-P08-080530
East Site	P8	ES-P08-081113	BENZENE	0.0003	11/24/08	54434	N	ES-P08-081113
East Site	P10	ES-P10-080606	BENZENE	0.0028	06/19/08	50547	N	ES-P10-080606
East Site	P11	ES-P11-080606	BENZENE	0.0029	06/19/08	50547	N	ES-P11-080606
East Site	Q5	ES-Q05-080520	BENZENE	0.0042	06/02/08	50126	N	ES-Q05-080520
East Site	Q7	ES-Q07-080519	BENZENE	0.0032	05/21/08	49954	N	ES-Q07-080519
East Site	Q8	ES-Q08-080519	BENZENE	0.0027	05/21/08	49954	N	ES-Q08-080519
East Site	Q9	ES-Q09-080612	BENZENE	0.0032	06/20/08	50549	N	ES-Q09-080612
East Site	Q10	ES-Q10-080606	BENZENE	0.0034	06/19/08	50547	N	ES-Q10-080606
East Site	Q11	ES-Q11-080606	BENZENE	0.0034	06/19/08	50547	N	ES-Q11-080606
East Site	Q17	ES-Q17-080609	BENZENE	0.0032	06/19/08	50547	N	ES-Q17-080609
East Site	R5	ES-R05-080521	BENZENE	0.0051	06/02/08	50126	N	ES-R05-080521
East Site	R6	ES-R06-080521	BENZENE	0.0037	06/02/08	50126	N	ES-R06-080521
East Site	R7	ES-R07-080521	BENZENE	0.0047	06/02/08	50126	N	ES-R07-080521
East Site	R8	ES-R08-080519	BENZENE	0.0029	05/21/08	49954	N	ES-R08-080519
East Site	R10	ES-R10-080602	BENZENE	0.0033	06/10/08	50323	N	ES-R10-080602
East Site	R11	ES-R11-080605	BENZENE	0.0029	06/11/08	50323	N	ES-R11-080605
East Site	R12	ES-R12-080611	BENZENE	0.0037	06/20/08	50548	N	ES-R12-080611
East Site	R16	ES-R16-080605	BENZENE	0.0034	06/10/08	50323	N	ES-R16-080605
East Site	R17	ES-R17-080606	BENZENE	0.0027	06/19/08	50547	N	ES-R17-080606
East Site	S5	ES-S05-080521	BENZENE	0.0040	06/02/08	50126	N	ES-S05-080521
East Site	S6	ES-S06-080521	BENZENE	0.0037	06/02/08	50126	N	ES-S06-080521
East Site	S7	ES-S07-080521	BENZENE	0.0034	06/02/08	50126	N	ES-S07-080521
East Site	S8	ES-S08-080522	BENZENE	0.0033	06/02/08	50126	N	ES-S08-080522

Benzene results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
East Site	S9	ES-S09-080522	BENZENE	0.0033	06/02/08	50126	N	ES-S09-080522
East Site	S10	ES-S10-080523	BENZENE	0.0030	06/02/08	50126	N	ES-S10-080523
East Site	S11	ES-S11-080528	BENZENE	0.0038	06/03/08	50199	N	ES-S11-080528
East Site	S12	ES-S12-080609	BENZENE	0.0035	06/19/08	50547	N	ES-S12-080609
East Site	S13	ES-S13-080610	BENZENE	0.0035	06/20/08	50548	N	ES-S13-080610
East Site	S17	ES-S17-080606	BENZENE	0.0037	06/19/08	50547	N	ES-S17-080606
East Site	S18	ES-S18-080606	BENZENE	0.0043	06/19/08	50547	N	ES-S18-080606
East Site	T7	ES-T07-080612	BENZENE	0.0028	06/21/08	50549	N	ES-T07-080612
East Site	T8	ES-T08-080522	BENZENE	0.0036	06/02/08	50126	N	ES-T08-080522
East Site	T8	ES-T08-080522	BENZENE	0.0030	06/20/08	50548	N	DUP-13
East Site	T9	ES-T09-080522	BENZENE	0.0031	06/02/08	50126	N	ES-T09-080522
East Site	T10	ES-T10-080523	BENZENE	0.0028	06/02/08	50126	N	ES-T10-080523
East Site	T10	ES-T10-080523	BENZENE	0.0033	06/20/08	50548	N	DUP-14
East Site	T11	ES-T11-080530	BENZENE	0.0032	06/09/08	50245	N	ES-T11-080530
East Site	T12	ES-T12-080609	BENZENE	0.0040	06/19/08	50547	N	ES-T12-080609
East Site	T13	ES-T13-080609	BENZENE	0.0036	06/19/08	50547	N	ES-T13-080609
East Site	T14	ES-T14-080610	BENZENE	0.0044	06/20/08	50548	N	ES-T14-080610
East Site	U10	ES-U10-080523	BENZENE	0.0037	06/02/08	50126	N	ES-U10-080523
East Site	U11	ES-U11-080602	BENZENE	0.0035	06/10/08	50323	N	ES-U11-080602
East Site	U13	ES-U13-080610	BENZENE	0.0028	06/20/08	50548	N	ES-U13-080610
East Site	U14	ES-U14-080610	BENZENE	0.0038	06/20/08	50548	N	ES-U14-080610
East Site	V11	ES-V11-080529	BENZENE	0.0028	06/09/08	50245	N	ES-V11-080529
East Site	V14	ES-V14-080605	BENZENE	0.0023	06/10/08	50323	N	ES-V14-080605
East Site	W12	ES-W12-080527	BENZENE	0.0029	06/03/08	50199	N	ES-W12-080527
West Site	A4	WS-A04-080626	BENZENE	0.0034	07/02/08	50903	N	WS-A04-080626
West Site	B2	WS-B02-080502	BENZENE	0.0029	05/07/08	49691	N	WS-B02-080502
West Site	B3	WS-B03-080502	BENZENE	0.0030	05/07/08	49691	N	WS-B03-080502
West Site	B4	WS-B04-080626	BENZENE	0.0027	07/02/08	50903	N	WS-B04-080626
West Site	B5	WS-B05-080626	BENZENE	0.0029	07/02/08	50903	N	WS-B05-080626
West Site	C1	WS-C01-080501	BENZENE	0.0042	05/07/08	49691	N	WS-C01-080501
West Site	C1	WS-C01-080501	BENZENE	0.0040	05/17/08	49812	N	DUP-3
West Site	C2	WS-C02-080428	BENZENE	0.0029	05/07/08	49691	N	WS-C02-080428
West Site	C3	WS-C03-080620	BENZENE	0.0360	06/27/08	50698	Y	WS-C03-080620
West Site	C3	WS-C03-081111	BENZENE	0.0046	11/24/08	54434	Y	DUP 20A
West Site	C3	WS-C03-081111	BENZENE	0.0032	11/24/08	54434	Y	WS-C03-081111
West Site	C4	WS-C04-080623	BENZENE	0.0029	07/02/08	50903	N	WS-C04-080623
West Site	C5	WS-C05-080620	BENZENE	0.0030	06/27/08	50698	N	WS-C05-080620
West Site	C6	WS-C06-080624	BENZENE	0.0035	07/02/08	50903	N	WS-C06-080624
West Site	D1	WS-D01-080430	BENZENE	0.0027	05/07/08	49691	N	WS-D01-080430
West Site	D2	WS-D02-080429	BENZENE	0.0031	05/07/08	49691	N	WS-D02-080429
West Site	D2	WS-D02-080429	BENZENE	0.0030	05/17/08	49812	N	DUP-2
West Site	D3	WS-D03-080620	BENZENE	0.0180	06/27/08	50698	Y	WS-D03-080620
West Site	D3	WS-D03-081111	BENZENE	0.0022	11/24/08	54434	Y	WS-D03-081111
West Site	D4	WS-D04-080623	BENZENE	0.0030	07/02/08	50903	N	WS-D04-080623
West Site	D5	WS-D05-080620	BENZENE	0.0029	06/26/08	50698	N	WS-D05-080620
West Site	D6	WS-D06-080619	BENZENE	0.0035	06/26/08	50698	N	WS-D06-080619

Benzene results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	D7	WS-D07-080619	BENZENE	0.0044	06/26/08	50698	N	WS-D07-080619
West Site	E1	WS-E01-080430	BENZENE	0.0028	05/07/08	49691	N	WS-E01-080430
West Site	E2	WS-E02-080428	BENZENE	0.0032	05/07/08	49691	N	WS-E02-080428
West Site	E2	WS-E02-080428	BENZENE	0.0032	05/17/08	49812	N	DUP-1
West Site	E3	WS-E03-080619	BENZENE	0.0030	06/26/08	50698	N	WS-E03-080619
West Site	E4	WS-E04-080613	BENZENE	0.0031	06/21/08	50549	N	WS-E04-080613
West Site	E5	WS-E05-080613	BENZENE	0.0035	06/21/08	50549	N	WS-E05-080613
West Site	E6	WS-E06-080613	BENZENE	0.0030	06/21/08	50549	N	WS-E06-080613
West Site	E6	WS-E06-100104	BENZENE	0.0026	01/18/10	64196	Y	WS-E06-100104
West Site	E7	WS-E07-080613	BENZENE	0.0028	06/21/08	50549	N	WS-E07-080613
West Site	E8	WS-E08-080616	BENZENE	0.0037	06/25/08	50696	N	WS-E08-080616
West Site	F1	WS-F01-080429	BENZENE	0.0030	05/07/08	49691	N	WS-F01-080429
West Site	F2	WS-F02-080429	BENZENE	0.0029	05/07/08	49691	N	WS-F02-080429
West Site	F3	WS-F03-080619	BENZENE	0.0033	06/26/08	50698	N	WS-F03-080619
West Site	F4	WS-F04-080616	BENZENE	0.0030	06/25/08	50696	N	WS-F04-080616
West Site	F5	WS-F05-080612	BENZENE	0.0027	06/21/08	50549	N	WS-F05-080612
West Site	F6	WS-F06-080612	BENZENE	0.0030	06/21/08	50549	N	WS-F06-080612
West Site	F7	WS-F07-080617	BENZENE	0.0034	06/26/08	50697	N	WS-F07-080617
West Site	F8	WS-F08-080618	BENZENE	0.0030	06/26/08	50697	N	WS-F08-080618
West Site	G1	WS-G01-080501	BENZENE	0.0039	05/07/08	49691	N	WS-G01-080501
West Site	G1	WS-G01-080501	BENZENE	0.0031	05/20/08	49927	N	DUP-4
West Site	G2	WS-G02-080618	BENZENE	0.0044	06/26/08	50697	N	WS-G02-080618
West Site	G3	WS-G03-080619	BENZENE	0.0027	06/26/08	50698	N	WS-G03-080619
West Site	G4	WS-G04-080616	BENZENE	0.0028	06/25/08	50696	N	WS-G04-080616
West Site	G5	WS-G05-080613	BENZENE	0.0032	06/21/08	50549	N	WS-G05-080613
West Site	G6	WS-G06-080616	BENZENE	0.0044	06/25/08	50696	N	WS-G06-080616
West Site	G7	WS-G07-080617	BENZENE	0.0070	06/25/08	50697	N	WS-G07-080617
West Site	G7	WS-G07-091124	BENZENE	0.0004	12/01/09	63479	N	WS-G07-091124
West Site	H1	WS-H01-080501	BENZENE	0.0035	05/07/08	49691	N	WS-H01-080501
West Site	H2	WS-H02-080618	BENZENE	0.0031	06/26/08	50697	N	WS-H02-080618
West Site	H3	WS-H03-080619	BENZENE	0.0025	06/26/08	50698	N	WS-H03-080619
West Site	H4	WS-H04-080616	BENZENE	0.0028	06/25/08	50696	N	WS-H04-080616
West Site	H5	WS-H05-080613	BENZENE	0.0052	06/21/08	50549	N	WS-H05-080613
West Site	H6	WS-H06-080617	BENZENE	0.0045	06/25/08	50697	N	WS-H06-080617
West Site	I1	WS-I01-080501	BENZENE	0.0043	05/07/08	49691	N	WS-I01-080501
West Site	I1	WS-I01-080501	BENZENE	0.0035	05/21/08	49954	N	DUP-5
West Site	I2	WS-I02-080618	BENZENE	0.0034	06/26/08	50697	N	WS-I02-080618
West Site	I3	WS-I03-080618	BENZENE	0.0041	06/26/08	50697	N	WS-I03-080618
West Site	I4	WS-I04-080617	BENZENE	0.0030	06/25/08	50697	N	WS-I04-080617
West Site	I5	WS-I05-080617	BENZENE	0.0028	06/26/08	50697	N	WS-I05-080617
West Site	I6	WS-I06-080617	BENZENE	0.0038	06/25/08	50697	N	WS-I06-080617
West Site	J1	WS-J01-080505	BENZENE	0.0039	05/08/08	49691	N	WS-J01-080505
West Site	J2	WS-J02-080624	BENZENE	0.0031	07/02/08	50903	N	WS-J02-080624
West Site	J3	WS-J03-080620	BENZENE	0.0031	06/27/08	50698	N	WS-J03-080620
West Site	J4	WS-J04-080617	BENZENE	0.0029	06/25/08	50697	N	WS-J04-080617
West Site	J5	WS-J05-080618	BENZENE	0.0028	06/26/08	50697	N	WS-J05-080618

Benzene results from the 12/16/2010 database								
Site	grid	sample_location	chemical_name	result_value	analysis_date	batch_id	detect_flag	sample_name
West Site	K1	WS-K01-080505	BENZENE	0.0054	05/08/08	49691	N	WS-K01-080505
West Site	K2	WS-K02-080509	BENZENE	0.0034	05/17/08	49812	N	WS-K02-080509
West Site	K3	WS-K03-080509	BENZENE	0.0066	05/17/08	49812	N	WS-K03-080509
West Site	K3	WS-K03-091124	BENZENE	0.0003	12/01/09	63479	N	DUP-43
West Site	K3	WS-K03-091124	BENZENE	0.0005	12/01/09	63479	N	WS-K03-091124
West Site	K4	WS-K04-080513	BENZENE	0.0039	05/20/08	49927	N	WS-K04-080513
West Site	K4	WS-K04-080513	BENZENE	0.0030	06/10/08	50323	N	DUP-10
West Site	K5	WS-K05-080509	BENZENE	0.0046	05/17/08	49812	N	WS-K05-080509
West Site	L1	WS-L01-080505	BENZENE	0.0049	05/08/08	49691	N	WS-L01-080505
West Site	L2	WS-L02-080508	BENZENE	0.0035	05/17/08	49812	N	WS-L02-080508
West Site	L3	WS-L03-080508	BENZENE	0.0026	05/17/08	49812	N	WS-L03-080508
West Site	L4	WS-L04-080508	BENZENE	0.0028	05/17/08	49812	N	WS-L04-080508
West Site	L4	WS-L04-080508	BENZENE	0.0028	06/09/08	50245	N	DUP-9
West Site	M1	WS-M01-080505	BENZENE	0.0052	05/08/08	49691	N	WS-M01-080505
West Site	M1	WS-M01-080505	BENZENE	0.0046	06/02/08	50126	N	DUP-7
West Site	M2	WS-M02-080507	BENZENE	0.0044	05/16/08	49812	N	WS-M02-080507
West Site	M3	WS-M03-080507	BENZENE	0.0047	05/16/08	49812	N	WS-M03-080507
West Site	M3	WS-M03-080507	BENZENE	0.0040	06/03/08	50199	N	DUP-8
West Site	M4	WS-M04-080507	BENZENE	0.0033	5/16/2008	49812	N	WS-M04-080507
West Site	N1	WS-N01-080506	BENZENE	0.0042	5/16/2008	49812	N	WS-N01-080506
West Site	N2	WS-N02-080506	BENZENE	0.0056	5/16/2008	49812	N	WS-N02-080506
West Site	N3	WS-N03-080507	BENZENE	0.0034	5/16/2008	49812	N	WS-N03-080507
West Site	O1	WS-O01-080506	BENZENE	0.0066	5/16/2008	49812	N	WS-O01-080506
West Site	O1	WS-O01-091124	BENZENE	0.0003	12/1/2009	63479	N	WS-O01-091124
West Site	O2	WS-O02-080506	BENZENE	0.0066	5/16/2008	49812	N	WS-O02-080506
West Site	O2	WS-O02-091124	BENZENE	0.0004	12/01/09	63479	N	WS-O02-091124

Appendix B

Comparisons to Remediation Goals

West Site

Parameter Group	West Site Grids	RG		Quality Indicator	A4		B2		B3	B4		B5		C1		C2			C3			C4	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-A04-080626	WS-A04-090727	WS-B02-080502	WS-B02-100120	WS-B03-080502	WS-B04-080626	WS-B04-090727	WS-B05-080626	WS-B05-090730	WS-C01-080501	WS-C01-090709	WS-C02-080428	WS-C02-090730	WS-C02-100120	WS-C03-080620	WS-C03-081111	WS-C03-090730	WS-C04-080623	WS-C04-090814
Metals	ALUMINUM	21000	24000	19453	17700			13500	17100	14800		12900		13000		1380		14900	12700			10600	
	ANTIMONY	1.9		1.7	0.51			0.26	0.4	0.4		0.32		0.26		0.45		0.3	0.2			0.54	
	ARSENIC	13	30	34	12.8			9.7	**16.2**	10.7		11.4		6.6		8.1		**13.1**	**14.9**			11.3	
	BARIUM	210	220	233	79.2			57.2	97.3	92.1		89.1		80.3		70.3		56.6	104			84.9	
	BERYLLIUM	2.1		1.2	0.88			0.56	0.97	0.95		0.73		0.6		0.52		0.58	0.9			0.77	
	BORON	31	35	30	*3.1*			2.7	7	11.8		9.3		5.7		8		5.7	7.1			12.9	
	CADMIUM	0.57	1.3	0.56	0.23			0.36	0.15	0.19		*0.012*		0.48		0.43		0.17	0.25			0.43	
	CHROMIUM	31	35	30.4	24.8			17	37.5	20.8		18		17.3		46.9		27.9	22.4			17.9	
	COBALT	21	30	29	12.2			9.4	15	12.4		12.1		10.3		8.4		8.1	13.7			11.6	
	COPPER	34		34	24.8			20.3	33.6	22.8		33		28.1		24.4		18.1	33.7			30.6	
	LEAD	100		108.3	17.4			10.6	15.6	11		10.4		44.3		31.8		10.3	17			18.2	
	MANGANESE	3650		3978	318			260	400	414		400		431		286		228	483			442	
	MOLYBDENUM	14	16	16.9	4.9			3.3	5	5.3		5		3.5		3.6		3.6	4.4			5.7	
	NICKEL	190		192	33.6			23	36.1	33.8		29.6		117		22.7		22.6	37.5			36.3	
	SELENIUM	1.9	14	14.9	*0.17*			0.43	*0.13*	*0.15*		0.4		0.3		0.4		0.31	*0.14*			0.22	
	SILVER	17	17	16.6	*0.17*			0.16	*0.11*	*0.14*		*0.11*		*0.12*		0.18		0.096	*0.12*			*0.13*	
	VANADIUM	37	44	33.4	29.1			17.2	27.5	24.5		18.4		18		23.4		19.4	22			18.2	
	ZINC	140		139.1	98.7			68.2	72.1	63.7		63.1		92.7		78.9		63.4	79.9			80.1	
	MERCURY	1.7	2.4	2.62		0.029		0.019			0.017		0.018		0.04		0.065	0.027			0.031		0.016
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*	*0.014*	*0.014*	*0.014*		*0.014*		*0.014*		*0.014*			*0.014*			*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*	*0.01*	*0.01*	*0.01*		*0.01*		*0.01*		*0.01*			*0.01*			*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0093*		0.41	*0.0092*	*0.0092*	*0.0092*		*0.0092*		*0.0092*		*0.0092*			*0.0092*			*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*		*0.0031*	0.029	0.039	*0.0031*		*0.0031*		0.045		0.016			*0.0031*			*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.0062*		*0.0062*	*0.0061*	*0.0061*	*0.0061*		*0.0061*		*0.0061*		*0.0061*			*0.0062*			*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		*0.00031*		*0.00031*	*0.00031*		*0.00031*		0.002		*0.00031*			*0.00031*			*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*		*0.00052*		*0.00051*	*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*			*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00062*		*0.00062*		*0.00061*	*0.00061*		*0.00061*		*0.00061*		*0.00061*			*0.00062*			*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*	*0.00031*		*0.00031*		*0.00031*		*0.00031*			*0.00031*			*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00052*		*0.00051*	*0.00051*		*0.00051*		0.002		*0.00051*			*0.00051*			*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.018		*0.0041*		0.075	*0.0041*		*0.0041*		*0.0041*		*0.0041*			*0.0041*			*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		*0.0069*		0.095	*0.0068*		*0.0068*		0.045		*0.0068*			*0.0068*			*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0096*		*0.0096*		0.12	*0.0095*		*0.0095*		0.074		*0.0095*			*0.0096*			*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		*0.0083*		0.056	*0.0081*		*0.0081*		*0.0081*		*0.0082*			*0.0082*			*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.074		0.47		0.34	0.076		0.076		0.3		0.53			*0.027*			0.067	
	CHRYSENE	0.55		0.52	0.012		*0.0041*		0.06	*0.0041*		*0.0041*		*0.0041*		*0.0041*			*0.0041*			0.048	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0069*		*0.0068*	*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0069*		0.029	*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	BENZENE	0.0060		0.0058	*0.0034*		*0.0029*		*0.003*	*0.0027*		*0.0029*		*0.0042*		*0.0029*			0.036	0.0032		*0.0029*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

Parameter Group	West Site Grids	RG		Quality Indicator	C5		C6		D1		D2		D3			D4				D5		D6	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-C05-080620	WS-C05-100112	WS-C06-080624	WS-C06-091013	WS-D01-080430	WS-D01-090709	WS-D02-080429	WS-D02-090730	WS-D03-080620	WS-D03-081111	WS-D03-090727	WS-D04-080623	WS-D04-090811	WS-D04-090319	WS-D04-091230	WS-D05-080620	WS-D05-100111	WS-D06-080619	WS-D06-091013
Metals	ALUMINUM	21000	24000	19453	13000	13300	13800	16400	14900		13100		12100			11600			14400	15800	15000	15600	15800
	ANTIMONY	1.9		1.7	0.37	0.31	0.38	0.15	0.3		0.43		0.57			0.47			0.3	0.37	0.28	0.33	0.27
	ARSENIC	13	30	34	10.5	**13.6**	9.2	**15.8**	7.4		11.9		**13.9**			**14.3**			**14.7**	9	**14.6**	10	**14.9**
	BARIUM	210	220	233	92.3	90.9	80.4	89.2	81.8		108		91.1			83.2			102	81	118	116	105
	BERYLLIUM	2.1		1.2	0.71	0.89	0.75	1.1	0.62		0.98		0.8			0.78			0.92	0.78	1.1	1	1.1
	BORON	31	35	30	21.2	21.2	10.9	8.3	5.5		8.7		10.2			4.8			22.8	15.3	17.7	14.1	8.9
	CADMIUM	0.57	1.3	0.56	*0.013*	0.079	*0.017*	*0.0099*	1.1		0.13		0.31			0.48			0.68	*0.013*	0.075	*0.014*	0.18
	CHROMIUM	31	35	30.4	24.6	18.5	20.2	22.8	19		20.3		18.4			17			17.3	21.3	19.1	21.6	23.2
	COBALT	21	30	29	14.7	12.4	15.2	15.8	10.2		13		13.2			12.1			10.6	11.4	12	16.5	18.4
	COPPER	34		34	35.4	24.3	37.4	30.7	28.7		31.8		33.7			35			23.3	40.2	26.6	36.7	31.4
	LEAD	100		108.3	11.7	8.7	13.8	19.2	30.8		11.2		13			25.4			9.1	13.4	9.7	12.8	20.7
	MANGANESE	3650		3978	453	421	315	316	491		448		461			657			441	264	369	446	532
	MOLYBDENUM	14	16	16.9	4.6	5.1	4.4	5.5	3.9		4.5		5.3			5.3			4.5	4.4	4.9	4.5	5.5
	NICKEL	190		192	36.2	38	33.4	43.1	27		40.1		38.3			36.1			28.2	30.3	40.6	35.2	47.4
	SELENIUM	1.9	14	14.9	0.17	0.25	0.34	0.33	0.64		*0.16*		*0.14*			0.4			0.15	0.26	0.14	0.27	0.16
	SILVER	17	17	16.6	*0.12*	*0.086*	*0.15*	*0.091*	*0.14*		*0.14*		*0.18*			*0.12*			*0.076*	*0.12*	*0.09*	*0.13*	*0.11*
	VANADIUM	37	44	33.4	19.2	19	22.1	25.4	20.7		21		19.1			18.2			24	23.8	21.3	23	25.4
	ZINC	140		139.1	72.2	70.3	74.8	80.9	105		79.1		84.9			84.8			63.9	74.2	75.1	67.8	93
	MERCURY	1.7	2.4	2.62		0.018		0.024		0.19		0.52			0.017		0.039		0.025		0.021		0.023
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		*0.014*		*0.014*		*0.014*			*0.014*		*0.014*		*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*		*0.01*		*0.01*		*0.01*			*0.01*		*0.01*		*0.01*		*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0092*		*0.0091*		*0.0093*		*0.0093*			*0.0092*		*0.0091*		*0.0092*		*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*		*0.0031*		0.026		*0.0031*		*0.0031*			0.13		0.021		*0.0031*		*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0061*		*0.0061*		*0.0062*		*0.0062*			*0.0061*		*0.006*		*0.0061*		*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		*0.00031*		*0.0003*		*0.00031*		*0.00031*			*0.00031*				*0.00031*		*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*				*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00061*		*0.00061*		*0.00062*		*0.00062*			*0.00061*				*0.00061*		*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.0003*		*0.00031*		*0.00031*			*0.00031*				*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*				*0.00051*		*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		*0.0041*		*0.004*		*0.0041*		*0.0041*			0.19				*0.0041*		*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		*0.0068*		0.046		*0.0068*		*0.0068*			0.2				*0.0068*		*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*		*0.0095*		0.066		*0.0096*		0.025			0.27				*0.0095*		*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0081*		*0.0082*		*0.0081*		*0.0082*		*0.0082*			0.11				*0.0082*		*0.0082*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.083		0.091		0.3		0.33		0.062			0.083				0.09		0.056	
	CHRYSENE	0.55		0.52	*0.0041*		*0.0041*		*0.004*		*0.0041*		*0.0041*			0.22				*0.0041*		*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*		*0.0067*		*0.0068*		*0.0068*			*0.0068*				*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0068*		*0.0067*		*0.0068*		*0.0068*			0.11				*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.003*		*0.0035*		*0.0027*		*0.0031*		0.018	0.0022		*0.003*				*0.0029*		*0.0035*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

	West Site Grids	RG		Quality Indicator	D7		E1		E2		E3		E4		E5			E6			E7	
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-D07-080619	WS-D07-091013	WS-E01-080430	WS-E01-090709	WS-E02-080428	WS-E02-100115	WS-E03-080619	WS-E03-090803	WS-E04-080613	WS-E04-091230	WS-E05-080613	WS-E05-081110	WS-E05-100111	WS-E06-080613	WS-E06-091228	WS-E06-100104	WS-E07-080613	WS-E07-091228
Metals	ALUMINUM	21000	24000	19453	16300	17000	15200		15700	15300	11500		11300	13400	14200		15600	12100	14000		14000	17600
	ANTIMONY	1.9		1.7	0.4	0.13	0.38		0.7	0.35	0.47		0.43	0.27	0.39		0.29	0.46	0.33		0.37	0.33
	ARSENIC	13	30	34	10	**15.5**	8.3		**13.7**	**14.6**	**14**		12.3	**13.9**	9.9		**14.3**	10.9	**15.4**		9.8	**16.5**
	BARIUM	210	220	233	100	98.1	75.5		91.7	81.8	88.9		85.5	90.4	68.4		112	99.1	104		91.7	69.9
	BERYLLIUM	2.1		1.2	0.95	1.1	0.75		0.8	0.84	0.79		0.72	0.88	0.61		1.2	0.82	0.94		0.91	0.85
	BORON	31	35	30	18.2	7	4.1		8.4	4.2	15.8		16.6	15.1	11.2		24.2	18.6	17.6		14.9	17.1
	CADMIUM	0.57	1.3	0.56	*0.012*	*0.01*	0.73		2.8	0.085	0.15		*0.014*	0.79	*0.018*		*0.0098*	*0.019*	0.93		*0.013*	0.48
	CHROMIUM	31	35	30.4	21.9	24	19.8		23.5	20.3	17.8		18.1	16.8	19.8		20.3	18.2	17.5		20.9	20.1
	COBALT	21	30	29	14.4	16.3	12.1		13.4	12.3	11.7		13.4	11.5	9.4		14.6	14.9	13		15.3	10.6
	COPPER	34		34	38.2	29.3	26.9		46.2	32.3	28.1		34.7	21.1	37		27.9	34.3	23.8		39.1	25.4
	LEAD	100		108.3	13	18.2	30.9		30.5	10.6	10.5		20.7	8.7	16.8		10.2	11.4	9.3		12.6	11.8
	MANGANESE	3650		3978	349	346	709		388	303	435		429	353	225		365	472	429		384	218
	MOLYBDENUM	14	16	16.9	4.7	5.3	4.2		5.1	4.6	5.8		5.5	4.7	4		5	4.6	4.4		5.2	4.3
	NICKEL	190		192	33.2	40.3	31.2		51.7	33.6	30.1		34.6	27.6	31.4		40.1	37.1	37.8		36.6	27.6
	SELENIUM	1.9	14	14.9	0.52	0.27	0.58		0.33	0.2	*0.15*		0.3	0.32	0.26		*0.11*	*0.16*	0.12		0.35	0.42
	SILVER	17	17	16.6	*0.11*	*0.095*	*0.15*		*0.14*	*0.11*	*0.13*		*0.12*	*0.11*	*0.17*		*0.09*	*0.17*	*0.11*		*0.12*	*0.087*
	VANADIUM	37	44	33.4	24.4	26.4	22.9		26.3	18.7	19.3		19.4	22	22.2		21.8	19.6	23.4		22.2	26.7
	ZINC	140		139.1	77.4	78.4	96.1		109	74.6	72.4		69.7	60.1	68.7		80.7	66	66.5		78.9	67
	MERCURY	1.7	2.4	2.62		0.023		0.033		0.027		0.012		0.014			0.027		0.017			0.032
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		*0.014*		*0.014*		*0.014*		*0.014*	*0.014*		*0.014*			*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*		*0.01*		*0.01*		*0.01*		*0.01*	*0.01*		*0.01*			*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0092*		*0.0092*		*0.0092*		*0.0091*		*0.0092*	*0.0091*		*0.0092*			*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*		0.01		0.072		*0.0031*		*0.003*		0.082	0.053		*0.0031*			*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0061*		*0.0062*		*0.0061*		*0.0061*		*0.0061*	*0.0061*		*0.0061*			*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		0.001		*0.00031*		*0.00031*		*0.0003*		*0.00031*			*0.00031*			*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*			*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00061*		*0.00062*		*0.00061*		*0.00061*		*0.00061*			*0.00061*			*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.0003*		*0.00031*			*0.00031*			*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		0.001		0.001		*0.00051*		*0.00051*		*0.00051*			*0.00051*			*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		0.024		*0.0041*		*0.0041*		*0.0041*		*0.0041*			*0.0041*			*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		0.039		*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*		0.053		*0.0096*		*0.0095*		*0.0095*		0.026			*0.0095*			*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		*0.0082*		*0.0082*		*0.0081*		*0.0081*		*0.0081*			*0.0082*			*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.063		0.31		0.33		0.057		0.049		0.081			0.053			0.065	
	CHRYSENE	0.55		0.52	*0.0041*		0.027		*0.0041*		*0.0041*		*0.0041*		*0.0041*			*0.0041*			*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	BENZENE	0.0060		0.0058	*0.0044*		*0.0028*		*0.0032*		*0.003*		*0.0031*		*0.0035*			*0.003*		0.0026	*0.0028*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

Parameter Group	West Site Grids	RG		Quality Indicator	E8					F1		F2		F3		F4		F5			F6		F7		F8	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-E08-080616	WS-E08-091228	WS-E08-100223	WS-E08-100923	WS-E08-101027	WS-F01-080429	WS-F01-100115	WS-F02-080429	WS-F02-100115	WS-F03-080619	WS-F03-100115	WS-F04-080616	WS-F04-091230	WS-F05-080612	WS-F05-090811	WS-F05-100111	WS-F06-080612	WS-F06-091228	WS-F07-080617	WS-F07-090728	WS-F08-080618	WS-F08-090728
Metals	ALUMINUM	21000	24000	19453		14300				16100	15800	15800	14500	12500	11700	12500	14400	11700		14800	15100	15400	13300		13100	
	ANTIMONY	1.9		1.7		0.34				0.33	0.35	1.3	0.42	1	0.41	0.65	0.35	0.71		0.31	0.52	0.3	0.48		0.33	
	ARSENIC	13	30	34		**15.4**				11	13	12.8	**13.8**	**13.4**	13	**13.7**	**15.2**	12.1		**14**	**15.9**	**16.7**	11.9		9.7	
	BARIUM	210	220	233		110				78.8	62.2	107	90.9	102	73.6	85.6	82.5	65		123	76.4	109	70.5		83.2	
	BERYLLIUM	2.1		1.2		0.96				0.71	0.64	0.78	0.89	0.79	0.68	0.75	0.84	0.55		1.1	0.95	1.1	0.48		0.58	
	BORON	31	35	30		15.9				4.2	2.4	13.4	4.8	13	7	14.7	17.5	7.3		22.5	13.8	16.2	7.7		5.8	
	CADMIUM	0.57	1.3	0.56		0.6				0.62	*0.014*	1.1	0.57	2	0.75	0.92	1	0.85		*0.011*	0.42	0.86	0.89		0.72	
	CHROMIUM	31	35	30.4		18				21.7	19.6	28.4	17.8	22.3	16	20.8	17.6	18.3		18.6	21	19.2	22.9		20.3	
	COBALT	21	30	29		12.4				10.9	8.4	13.2	14.5	15.1	10.9	13	11.8	11.5		13.8	33.9	15.6	13.7		11.7	
	COPPER	34		34		24.2				54.6	17.6	63.3	27	44.5	20.9	36.4	22.6	31.6		26.6	33.2	24.9	21.9		20.8	
	LEAD	100		108.3		9.6				47.2	10.7	57.8	11.4	57.5	9.3	50.4	9.3	**106**		9	12	10.9	22.9		36.7	
	MANGANESE	3650		3978		416				463	222	379	343	418	351	426	366	258		440	308	404	409		642	
	MOLYBDENUM	14	16	16.9		4.7				4.7	4.1	5.3	5.1	5.7	5	6.7	4.9	4.9		5.3	5.3	4.2	4.2		4.8	
	NICKEL	190		192		33.8				42	21.9	50.5	36.8	51.5	29.9	40.8	27.4	46.4		40.8	35	34.4	31.4		41.5	
	SELENIUM	1.9	14	14.9		0.23				0.46	0.34	0.26	0.21	*0.13*	0.23	0.36	0.21	0.39		0.26	0.37	0.14	0.48		0.39	
	SILVER	17	17	16.6		*0.098*				*0.14*	*0.13*	0.24	*0.099*	0.51	0.098	0.34	*0.089*	0.18		*0.097*	*0.18*	*0.11*	*0.15*		0.13	
	VANADIUM	37	44	33.4		24.6				23.1	20	25.6	17.2	20.6	14.7	19.9	22.8	22		20.7	24.1	25	23.6		21.8	
	ZINC	140		139.1		67.6				119	64.9	140	87.8	123	71.6	183	64.4	86		76.4	76.2	71.5	82		99.5	
	MERCURY	1.7	2.4	2.62		0.017					0.028		0.025		0.016		0.019		0.022	0.018		0.02		0.043		0.076
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.009*	*0.028*	*0.014*	*0.014*		*0.014*		*0.014*		*0.014*		*0.014*		*0.014*	*0.014*		*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		*0.0091*	*0.02*	*0.01*	*0.01*		*0.01*		*0.01*		*0.01*		*0.01*		*0.01*	*0.01*		*0.01*		*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*		0.81	*0.018*	*0.0091*	*0.009*		*0.0092*		*0.0092*		*0.0092*		*0.0092*		*0.0091*	*0.0092*		*0.0092*		*0.0092*	
	AROCLOR 1254	0.075		0.059	0.27		0.11	0.84	0.013	0.052		0.068		0.043		*0.0031*		0.51		*0.003*	*0.0031*		0.054		0.051	
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.006*	*0.012*	*0.0061*	*0.0061*		*0.0061*		*0.0061*		*0.0061*		*0.0061*		*0.0061*	*0.0062*		*0.0061*		*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*					*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*		0.0032	
	ALDRIN	0.01		0.0061	*0.00051*					*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*					*0.00061*		*0.00061*		*0.00061*		*0.00061*		*0.00061*			*0.00062*		*0.00061*		*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*					*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*					*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*		0.0016		*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.042					0.045		0.031		*0.0041*		*0.0041*		0.1			*0.0041*		*0.0041*		0.05	
	BENZO(A)PYRENE	0.55		0.43	0.039					0.061		0.039		*0.0068*		*0.0068*		0.11			*0.0068*		*0.0068*		0.052	
	BENZO(B)FLUORANTHENE	0.55		0.55	0.056					0.068		0.049		0.022		0.022		0.14			*0.0096*		0.027		0.095	
	BENZO(K)FLUORANTHENE	0.55		0.54	0.022					*0.0081*		*0.0081*		*0.0081*		*0.0081*		0.071			*0.0082*		*0.0081*		0.04	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.057					0.34		0.37		0.061		0.064		0.038			0.057		0.053		0.13	
	CHRYSENE	0.55		0.52	0.038					0.083		0.023		*0.0041*		*0.0041*		0.11			*0.0041*		*0.0041*		0.071	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*					*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*		*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*					0.019		0.012		*0.0068*		*0.0068*		0.069			*0.0068*		*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.0037*					*0.003*		*0.0029*		*0.0033*		*0.003*		*0.0027*			*0.003*		*0.0034*		*0.003*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

	West Site Grids	Grid		Quality Indicator	G1			G2		G3		G4		G5		
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-G01-080501	WS-G01-100113	WS-G01-100223	WS-G02-080618	WS-G02-100113	WS-G03-080619	WS-G03-090803	WS-G04-080616	WS-G04-090813	WS-G05-080613	WS-G05-090319	WS-G05-100108
Metels	ALUMINUM	21000	24000	19453	17700	16700	17800	13100	13200	11000		11600				15600
	ANTIMONY	1.9		1.7	0.32	0.26	0.34	0.77	0.34	0.55		0.57				0.32
	ARSENIC	13	30	34	10.8	12.3	10.3	**15**	**13.9**	**13.9**		**13.4**				**14.3**
	BARIUM	210	220	233	89.4	91.4	99.3	92.2	91.9	84.5		77.1				119
	BERYLLIUM	2.1		1.2	0.79	0.91	0.98	0.77	0.95	0.76		0.75				0.96
	BORON	31	35	30	6.4	18.5	7.7	9.3	22.8	9.2		11				10
	CADMIUM	0.57	1.3	0.56	0.53	0.073	*0.0086*	0.88	0.13	0.27		0.38				0.53
	CHROMIUM	31	35	30.4	24.9	20.3	22.4	21.6	17.8	16.7		17.3				18.7
	COBALT	21	30	29	14.5	12.3	11.3	13.6	12.8	10.8		12.7				35.4
	COPPER	34		34	60.9	34.1	29.3	45.6	25.4	29.2		28				25.4
	LEAD	100		108.3	34.9	11.4	13.2	60.3	10	12.3		9.8				9.9
	MANGANESE	3650		3978	762	301	383	440	472	395		404				506
	MOLYBDENUM	14	16	16.9	4.6	4.1	4.1	5.8	5.1	5.4		5.9				4.4
	NICKEL	190		192	50.5	64.4	62.4	39.6	39.1	30.1		30.5				41.7
	SELENIUM	1.9	14	14.9	0.27	0.4	0.33	0.22	0.56	0.22		0.38				0.26
	SILVER	17	17	16.6	*0.13*	*0.097*	*0.078*	0.23	*0.095*	*0.11*		*0.13*				*0.088*
	VANADIUM	37	44	33.4	27.1	23.2	24.6	21.3	18.8	16.6		19.1				24.3
	ZINC	140		139.1	98.6	78.8	85.4	114	75.6	67.6		67.5				77.6
	MERCURY	1.7	2.4	2.62		0.024	0.021		0.02		0.013		0.013			0.021
PCBs	AROCLOR 1232	0.075		0.059	*0.014*			*0.014*		*0.014*		*0.014*		*0.014*	*0.014*	*0.014*
	AROCLOR 1242	0.075		0.059	*0.01*			*0.01*		*0.01*		*0.01*		*0.01*	*0.01*	*0.01*
	AROCLOR 1248	0.075		0.059	*0.0092*			*0.0092*		*0.0091*		*0.0092*		*0.0092*	*0.0091*	*0.0091*
	AROCLOR 1254	0.075		0.059	0.024			0.014		*0.003*		*0.0031*		0.12	0.66	*0.003*
	AROCLOR 1260	0.075		0.059	*0.0062*			*0.0061*		*0.0061*		*0.0061*		*0.0062*	*0.006*	*0.0061*
Pesticides	4,4'-DDE	0.16		0.134	0.0041			*0.00031*		*0.0003*		*0.00031*		*0.00031*		
	ALDRIN	0.01		0.0061	*0.00051*			*0.00051*		*0.00051*		*0.00051*		*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00062*			*0.00061*		*0.00061*		*0.00061*		*0.00062*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		*0.0003*		*0.00031*		*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	0.001			*0.00051*		*0.00051*		*0.00051*		*0.00051*		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.036			*0.0041*		*0.0041*		*0.0041*		0.059		
	BENZO(A)PYRENE	0.55		0.43	0.051			*0.0068*		*0.0068*		*0.0068*		0.07		
	BENZO(B)FLUORANTHENE	0.55		0.55	0.059			*0.0095*		*0.0095*		*0.0095*		0.093		
	BENZO(K)FLUORANTHENE	0.55		0.54	0.036			*0.0082*		*0.0081*		*0.0081*		0.04		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.3			0.1		0.078		0.054		*0.027*		
	CHRYSENE	0.55		0.52	0.04			*0.0041*		*0.0041*		*0.0041*		0.071		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		*0.0068*		*0.0068*		*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	0.016			*0.0068*		*0.0068*		*0.0068*		*0.0068*		
	BENZENE	0.0060		0.0058	*0.0039*			*0.0044*		*0.0027*		*0.0028*		*0.0032*		

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limt.
A shaded column indicates an excavation event occured.

Parameter Group	West Site Grids	Grid		Quality Indicator		G6		G7			H1		H2		H3	H4	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-G05-100223	WS-G06-080616	WS-G06-100107	WS-G07-080617	WS-G07-091124	WS-G07-100105	WS-H01-080501	WS-H01-090728	WS-H02-080618	WS-H02-100113	WS-H03-080619	WS-H04-080616	WS-H04-090813
Metels	ALUMINUM	21000	24000	19453	15800	12800	13700	12800		14300	17400		12600	13500	10100	10600	
	ANTIMONY	1.9		1.7	0.41	0.49	0.3	0.97		0.35	0.33		0.78	0.34	0.46	0.45	
	ARSENIC	13	30	34	**13.1**	**13.7**	**14.2**	9.2		12.4	10.8		12.5	**14.6**	12.4	**13.8**	
	BARIUM	210	220	233	104	75.4	96	110		73.9	102		91.1	87.5	63.9	72.4	
	BERYLLIUM	2.1		1.2	1	0.84	0.79	0.64		0.69	0.88		0.75	0.87	0.68	0.69	
	BORON	31	35	30	14.7	8.8	7.2	7.4		11	15.1		13.3	20.6	8.2	9	
	CADMIUM	0.57	1.3	0.56	0.081	0.46	0.41	2.4		0.51	1.1		0.69	*0.0094*	0.3	0.42	
	CHROMIUM	31	35	30.4	21.1	19.3	17.4	23.8		18.4	24.5		19.8	18.1	15.5	16.5	
	COBALT	21	30	29	18	16	11.9	**24.6**		13.6	14.7		13.3	12.5	11	11.9	
	COPPER	34		34	27.4	23.9	23.7	37.7		21.2	33.1		41.9	27.6	29.7	21.5	
	LEAD	100		108.3	13.7	12.3	8.8	61.2		13.1	25.2		26.3	11.1	9.7	9.2	
	MANGANESE	3650		3978	522	426	490	982		526	787		509	510	405	465	
	MOLYBDENUM	14	16	16.9	4.7	5.4	4.9	5.5		4.8	5.5		5.8	5.2	5	5.4	
	NICKEL	190		192	50.9	34.7	31.5	128		38.1	43.2		45.9	33.9	27.8	28.8	
	SELENIUM	1.9	14	14.9	0.2	0.3	0.32	0.47		0.38	0.36		0.24	0.29	0.12	0.25	
	SILVER	17	17	16.6	*0.079*	*0.12*	*0.091*	0.42		*0.1*	*0.14*		*0.17*	*0.086*	*0.095*	*0.12*	
	VANADIUM	37	44	33.4	21.8	21.6	21.4	21		23.4	28.4		19.9	19.3	16.7	18.7	
	ZINC	140		139.1	85.9	74.7	70.4	175		75.7	114		99.6	77	61.8	66.3	
	MERCURY	1.7	2.4	2.62	0.021		0.017			0.02		0.047		0.021			0.016
PCBs	AROCLOR 1232	0.075		0.059		*0.014*	*0.014*	*0.014*		*0.014*	*0.014*		*0.014*		*0.014*	*0.014*	
	AROCLOR 1242	0.075		0.059		*0.01*	*0.01*	*0.01*		*0.01*	*0.01*		*0.01*		*0.01*	*0.01*	
	AROCLOR 1248	0.075		0.059		*0.0092*	*0.009*	*0.0093*		*0.0091*	*0.0092*		*0.0092*		*0.0091*	*0.0092*	
	AROCLOR 1254	0.075		0.059		*0.0031*	*0.003*	0.2		*0.003*	0.013		*0.0031*		*0.003*	*0.0031*	
	AROCLOR 1260	0.075		0.059		*0.0061*	*0.006*	*0.0062*		*0.0061*	*0.0062*		*0.0061*		*0.0061*	*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134		*0.00031*		0.0041			0.0021		*0.00031*		*0.0003*	*0.00031*	
	ALDRIN	0.01		0.0061		*0.00051*		*0.00051*			*0.00051*		*0.00051*		*0.00051*	*0.00051*	
	ALPHA-BHC	0.003		0.00091		*0.00061*		*0.00062*			*0.00062*		*0.00061*		*0.00061*	*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07		*0.00031*		*0.00031*			*0.00031*		*0.00031*		*0.0003*	*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084		*0.00051*		0.0025			*0.00051*		*0.00051*		*0.00051*	*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48		*0.0041*		0.1			0.041		*0.0041*		*0.0041*	*0.0041*	
	BENZO(A)PYRENE	0.55		0.43		*0.0068*		0.1			0.06		*0.0068*		*0.0068*	*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55		*0.0095*		0.15			0.086		0.019		*0.0095*	*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54		*0.0082*		0.064			0.044		*0.0082*		*0.0081*	*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52		0.12		0.1			0.25		0.072		0.085	0.12	
	CHRYSENE	0.55		0.52		*0.0041*		0.1			0.041		*0.0041*		*0.0041*	*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54		*0.0068*		*0.0068*			*0.0068*		*0.0068*		*0.0068*	*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48		*0.0068*		*0.0068*			0.016		*0.0068*		*0.0068*	*0.0068*	
	BENZENE	0.0060		0.0058		*0.0044*		*0.007*	*0.00038*		*0.0035*		*0.0031*		*0.0025*	*0.0028*	

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	West Site Grids	Grid		Quality Indicator	H5			H6		I1		I2			I3				I4		
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-H05-080613	WS-H05-081110	WS-H05-100107	WS-H06-080617	WS-H06-090803	WS-I01-080501	WS-I01-091013	WS-I02-080618	WS-I02-091014	WS-I02-100113	WS-I03-080618	WS-I03-090810	WS-I03-091013	WS-I03-100113	WS-I04-080617	WS-I04-090806	WS-I04-100106
Metels	ALUMINUM	21000	24000	19453			13900	14700		13200	15100	11400	14000	12900	9990		13300	12300	11200		12400
	ANTIMONY	1.9		1.7			0.24	0.47		0.63	0.46	0.61	0.28	0.34	0.81		0.3	0.33	0.46		0.3
	ARSENIC	13	30	34			**14.5**	11.8		9.3	8.8	8.3	**15.4**	**15.6**	**13.1**		**14.6**	**13.2**	**13.4**		12.8
	BARIUM	210	220	233			102	96		81.6	83.5	81.3	91.6	82.1	71.9		94.6	87.1	72.6		81.8
	BERYLLIUM	2.1		1.2			0.88	0.8		0.56	0.84	0.67	0.94	0.86	0.66		0.95	0.81	0.7		0.67
	BORON	31	35	30			8.9	12.6		6.5	6.8	6.4	5.4	18	13		9.8	19	5.6		8.5
	CADMIUM	0.57	1.3	0.56			0.43	1.1		2.3	0.41	*0.02*	0.37	*0.0097*	1.5		0.23	*0.011*	0.4		0.1
	CHROMIUM	31	35	30.4			17.5	24.4		20.5	20.3	18.6	22.2	17.8	16.6		21	16.1	17.3		15.3
	COBALT	21	30	29			14.4	17.3		10.4	11.3	13.7	13.9	12.3	14.6		13.3	11.1	12.1		10.5
	COPPER	34		34			25.1	27.4		27.7	24	39.8	35.7	23.9	25.5		37.7	22.5	29.9		22.6
	LEAD	100		108.3			8.8	28.7		38.9	32.8	36	50.3	10.7	15.5		23.1	8.8	12.5		7.5
	MANGANESE	3650		3978			476	741		699	662	533	548	476	434		495	325	408		394
	MOLYBDENUM	14	16	16.9			4.6	5.9		4.1	5	5.7	6.1	5.3	6.1		6.1	5	5.6		5.2
	NICKEL	190		192			36.7	27.5		28.4	31.5	34.1	41.1	32.1	31.8		42.9	30	31.4		26.6
	SELENIUM	1.9	14	14.9			0.14	0.28		0.41	0.41	0.36	0.42	0.44	*0.2*		0.39	0.21	0.22		0.12
	SILVER	17	17	16.6			*0.079*	*0.15*		0.25	*0.13*	*0.18*	*0.085*	*0.089*	*0.18*		*0.095*	*0.097*	*0.14*		*0.091*
	VANADIUM	37	44	33.4			21.4	23.8		21.6	24.9	18.5	22.6	18.6	17.6		21	16.2	19		17
	ZINC	140		139.1			70.9	95.2		95.2	94.1	94.4	112	72.9	75.3		98.2	66.8	73		62.9
	MERCURY	1.7	2.4	2.62			0.019		0.041		0.047		0.024	0.019		0.017	0.015	0.014		0.015	0.016
PCBs	AROCLOR 1232	0.075		0.059	*0.014*	*0.014*	*0.014*	*0.014*		*0.015*		*0.014*			*0.014*				*0.014*		
	AROCLOR 1242	0.075		0.059	*0.01*	*0.01*	*0.01*	*0.01*		*0.011*		*0.01*			*0.01*				*0.01*		
	AROCLOR 1248	0.075		0.059	*0.0092*	*0.0092*	*0.009*	*0.0092*		*0.00961*		*0.0091*			*0.0091*				*0.0092*		
	AROCLOR 1254	0.075		0.059	0.094	0.089	*0.003*	*0.0031*		0.026		*0.003*			*0.003*				0.041		
	AROCLOR 1260	0.075		0.059	*0.0061*	*0.0061*	*0.006*	*0.0062*		*0.0064*		*0.0061*			*0.0061*				*0.0061*		
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*			*0.00031*		0.0021		*0.0003*			*0.0003*				*0.00031*		
	ALDRIN	0.01		0.0061	*0.00051*			*0.00051*		*0.00053*		*0.00051*			*0.00051*				*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00061*			*0.00062*		*0.00064*		*0.00061*			*0.00061*				*0.00061*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		*0.00032*		*0.0003*			*0.0003*				*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*			0.0017		0.0043		*0.00051*			*0.00051*				*0.00051*		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.023			0.02		0.044		*0.0041*			*0.004*				*0.0041*		
	BENZO(A)PYRENE	0.55		0.43	0.02			*0.0068*		0.047		*0.0068*			*0.0067*				*0.0068*		
	BENZO(B)FLUORANTHENE	0.55		0.55	0.028			0.03		0.092		*0.0095*			*0.0094*				0.012		
	BENZO(K)FLUORANTHENE	0.55		0.54	0.018			*0.0082*		*0.0085*		*0.0081*			*0.0081*				*0.0081*		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.049			0.16		0.1		0.074			0.09				0.048		
	CHRYSENE	0.55		0.52	0.023			0.019		0.058		*0.0041*			0.053				*0.0041*		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		*0.0071*		*0.0068*			*0.0067*				*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*			*0.0068*		*0.0071*		*0.0068*			*0.0067*				*0.0068*		
	BENZENE	0.0060		0.0058	*0.0052*			*0.0045*		*0.0043*		*0.0034*			*0.0041*				*0.003*		

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limt.
A shaded column indicates an excavation event occured.

Parameter Group	West Site Grids	Grid		Quality Indicator	I5			I6		J1			J2		J3		J4		J5		
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-I05-080617	WS-I05-091013	WS-I05-100107	WS-I06-080617	WS-I06-100105	WS-J01-080505	WS-J01-091013	WS-J01-100112	WS-J02-080624	WS-J02-100112	WS-J03-080620	WS-J03-090807	WS-J04-080617	WS-J04-100106	WS-J05-080618	WS-J05-100107	WS-J05-100223
Metels	ALUMINUM	21000	24000	19453	13600	14800	13600	12000	13900	11800	14000	14100	12400	14500	12600		12600	15900	12200		
	ANTIMONY	1.9		1.7	0.3	0.36	0.32	1.1	0.3	0.98	0.4	0.3	0.51	0.34	0.5		2.2	0.41	1.1		
	ARSENIC	13	30	34	11.5	**14.2**	**14.8**	8.9	11.7	9.1	9.4	12.9	12.2	**13.1**	12.8		11.2	**14.1**	10.8		
	BARIUM	210	220	233	84	83.7	89.8	102	75.5	101	123	75.8	85.9	89.8	81.9		84.4	90.7	82.9		
	BERYLLIUM	2.1		1.2	0.75	0.99	0.75	0.55	0.69	0.63	0.91	0.89	0.66	0.93	0.65		0.57	0.97	0.61		
	BORON	31	35	30	9.2	9.2	7.7	10.7	9.9	7.3	7.8	17.8	10.9	23	7.7		5.5	11.4	6.9		
	CADMIUM	0.57	1.3	0.56	1.6	1.6	0.53	4.7	0.35	1.5	1.3	*0.0098*	1.1	*0.011*	1.1		1.2	0.36	0.94		
	CHROMIUM	31	35	30.4	24.3	23.7	17.5	26.9	17.8	18.5	21.4	18.8	19.6	18.1	20.3		21.1	20.3	18.3		
	COBALT	21	30	29	34.7	42.7	11.1	37.8	13.5	12.5	12.9	13.5	13.3	12.8	11.6		17.6	14.5	13.9		
	COPPER	34		34	26.9	30.5	24.4	59.8	21.7	38	44	24.6	35.4	24.1	27.4		47.3	24.8	29.7		
	LEAD	100		108.3	20.1	23.2	8.8	50.6	11.7	46.3	57.1	10.4	35.9	11.8	31.3		63.6	11.1	32.9		
	MANGANESE	3650		3978	446	443	439	780	441	999	996	454	594	602	427		322	372	465		
	MOLYBDENUM	14	16	16.9	6	6.7	4.9	10.7	4.7	4.9	4.5	4.8	5.3	5.1	5.1		10.5	5.2	6.5		
	NICKEL	190		192	66.7	85.8	31.8	268	31.9	31.2	41.3	32.4	17.1	34.1	36.9		221	36.1	52.1		
	SELENIUM	1.9	14	14.9	0.23	0.35	*0.12*	0.67	0.16	0.38	0.58	0.18	0.4	0.23	0.27		0.46	0.23	0.17		
	SILVER	17	17	16.6	*0.16*	*0.15*	*0.073*	0.45	*0.1*	0.33	0.42	*0.09*	0.16	*0.1*	*0.13*		0.39	*0.12*	0.26		
	VANADIUM	37	44	33.4	21.4	23.5	21.4	19.2	21.8	19	23.7	20.2	19.4	18.9	20.9		21.5	24.5	20.2		
	ZINC	140		139.1	102	103	71.7	176	72.5	114	140	73.5	92.4	79.3	97.6		131	80.5	97.6		
	MERCURY	1.7	2.4	2.62		0.047	0.019		0.027		0.073	0.022		0.025		0.046		0.026			
PCBs	AROCLOR 1232	0.075		0.059	*0.014*			*0.014*		*0.014*			*0.014*		*0.014*		*0.014*	*0.014*	*0.014*	*0.014*	*0.014*
	AROCLOR 1242	0.075		0.059	*0.01*			*0.01*		*0.01*			*0.01*		*0.01*		*0.01*	*0.01*	0.69	*0.01*	*0.01*
	AROCLOR 1248	0.075		0.059	*0.0092*			*0.0093*		*0.0092*			*0.0092*		*0.0092*		*0.0093*	*0.0091*	*0.0092*	0.46	0.039
	AROCLOR 1254	0.075		0.059	0.023			0.066		0.046			0.042		0.0092		0.32	*0.003*	1	*0.003*	*0.003*
	AROCLOR 1260	0.075		0.059	*0.0062*			*0.0062*		*0.0062*			*0.0061*		*0.0061*		*0.0062*	*0.0061*	*0.0062*	*0.006*	*0.0061*
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*			0.0042		0.0082			*0.00031*		*0.00031*		*0.00031*		0.015		
	ALDRIN	0.01		0.0061	*0.00051*			0.00081		*0.00051*			*0.00051*		*0.00051*		*0.00052*		*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00062*			*0.00062*		0.001			*0.00061*		*0.00061*		*0.00062*		*0.00062*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		*0.00031*			*0.00031*		*0.00031*		*0.00031*		*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*			0.0066		0.0021			*0.00051*		0.0015		0.0018		0.0012		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.046			0.063		0.12			*0.0041*		0.046		0.043		0.11		
	BENZO(A)PYRENE	0.55		0.43	0.046			0.066		0.12			*0.0068*		0.052		0.047		0.1		
	BENZO(B)FLUORANTHENE	0.55		0.55	0.08			0.11		0.2			*0.0095*		0.073		0.08		0.18		
	BENZO(K)FLUORANTHENE	0.55		0.54	0.034			0.059		0.075			*0.0082*		0.037		0.04		0.067		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	*0.027*			0.4		0.26			0.11		0.078		0.11		0.098		
	CHRYSENE	0.55		0.52	0.048			0.084		0.14			0.05		0.057		0.059		0.14		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0069*		*0.0068*			*0.0068*		*0.0068*		*0.0069*		*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*			*0.0069*		*0.0068*			*0.0068*		0.027		*0.0069*		*0.0068*		
	BENZENE	0.0060		0.0058	*0.0028*			*0.0038*		*0.0039*			*0.0031*		*0.0031*		*0.0029*		*0.0028*		

Bold and/or boxed cell indicates exceedance of the RG.
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A shaded column indicates an excavation event occured.

CVS Results from
December 16, 2010 Database

West Site Grids		Grid		Quality Indicator	K1		K2			K3			K4			K5			L1		L2		
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-K01-080505	WS-K01-091013	WS-K02-080509	WS-K02-080509	WS-K02-090727	WS-K03-080509	WS-K03-090727	WS-K03-091124	WS-K04-080513	WS-K04-080513	WS-K04-100106	WS-K05-080509	WS-K05-090812	WS-K05-100105	WS-L01-080505	WS-L01-090728	WS-L02-080508	WS-L02-090319	WS-L02-090805
Metels	ALUMINUM	21000	24000	19453	11400	13100	13100			10600			13900		15700	11800			11100		11600		
	ANTIMONY	1.9		1.7	0.74	0.65	0.64			1.2			0.71		0.39	0.68			0.58		0.39		
	ARSENIC	13	30	34	8.7	9.9	11.3			10			10.2		**14.3**	9.6			10.4		10.2		
	BARIUM	210	220	233	91.2	111	97.2			79.8			72.2		63.7	68.9			83.2		79		
	BERYLLIUM	2.1		1.2	0.6	0.9	0.73			0.51			0.54		0.87	0.51			0.61		0.66		
	BORON	31	35	30	6.4	8	10.3			6.9			14.1		8.7	6			7.1		5.2		
	CADMIUM	0.57	1.3	0.56	2.2	0.83	0.73			0.66			0.25		0.11	0.42			0.53		0.68		
	CHROMIUM	31	35	30.4	18	19.9	21.8			17.4			19.3		19.5	19.3			17.3		17.6		
	COBALT	21	30	29	11.2	11.8	12.5			9.3			8.2		15.2	8.8			10		11.9		
	COPPER	34		34	22.6	30.8	25.8			18.8			46.9		24.4	17.2			20.8		22		
	LEAD	100		108.3	44.6	51.1	33.5			48.6			31.1		11	30			38.6		24.1		
	MANGANESE	3650		3978	853	842	544			331			304		285	335			628		521		
	MOLYBDENUM	14	16	16.9	5.3	5.3	5			4.7			4.2		4.6	4.7			4.8		4.4		
	NICKEL	190		192	30.3	36.8	35			27.4			24.8		28.6	24.8			26.9		32.5		
	SELENIUM	1.9	14	14.9	0.46	0.79	0.52			0.46			*0.13*		0.28	0.27			0.35		0.71		
	SILVER	17	17	16.6	0.28	0.26	0.22			0.37			*0.14*		*0.09*	*0.13*			*0.13*		0.13		
	VANADIUM	37	44	33.4	20.5	24.8	21.1			19.2			22.8		23.7	20.1			19.2		18.2		
	ZINC	140		139.1	96.5	120	91.4			88.4			124		74.6	77.6			80.5		79		
	MERCURY	1.7	2.4	2.62		0.077			0.070		0.092				0.025		0.047			0.085			0.065
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*			*0.014*			*0.014*		*0.014*	*0.014*		*0.014*	*0.014*		*0.014*	*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*			*0.01*			*0.01*		*0.01*	*0.01*		*0.01*	*0.01*		*0.01*	*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0093*		*0.0092*			*0.0092*			*0.0092*		*0.0092*	*0.0092*		*0.0091*	*0.0092*		0.097	*0.0092*	
	AROCLOR 1254	0.075		0.059	0.045		0.024			0.024			0.15		*0.0031*	0.44		0.008	*0.0031*		*0.0031*	0.062	
	AROCLOR 1260	0.075		0.059	*0.0062*		*0.0061*			*0.0061*			*0.0061*		*0.0061*	*0.0062*		*0.006*	*0.0062*		*0.0061*	*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	0.0041		0.0041	0.0027		0.0041			*0.00031*			0.0062			0.0041		0.0031		
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*	*0.00051*		*0.00051*			*0.00051*			*0.00051*			*0.00051*		*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00062*		*0.00061*	*0.00061*		0.001			*0.00061*			*0.00062*			*0.00062*		*0.00061*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		0.002	*0.00031*		*0.00031*			*0.00031*			*0.00031*			*0.00031*		*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	0.0021		0.0051	0.00092		0.0041			0.002			0.0031			0.001		0.001		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.062		0.04			0.057			0.023	0.037		0.034			0.041		0.029		
	BENZO(A)PYRENE	0.55		0.43	0.063		0.037			0.066			0.019	0.03		0.036			0.044		0.048		
	BENZO(B)FLUORANTHENE	0.55		0.55	0.14		0.046			0.13			0.033	0.049		*0.0096*			0.1		0.068		
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		*0.035*			*0.0081*			*0.0081*	*0.0081*		*0.0082*			*0.0082*		0.035		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.16		0.049			0.2			0.24	0.2583845		0.18			0.2		0.19		
	CHRYSENE	0.55		0.52	0.078		0.046			0.088			0.027	0.044		0.048			0.055		0.041		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.027*			*0.0068*			*0.0068*	*0.0068*		*0.0068*			*0.0068*		*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.031*			*0.0068*			*0.0068*	0.02		*0.0068*			*0.0068*		*0.0068*		
	BENZENE	0.0060		0.0058	*0.0054*		*0.0034*			*0.0066*		*0.00049*	*0.0039*			*0.0046*			*0.0049*		*0.0035*		

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Parameter Group	West Site Grids	Grid		Quality Indicator	L3		L4		M1		M2		M3		M4			N1		N2		N3		
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-L03-080508	WS-L03-090805	WS-L04-080508	WS-L04-090728	WS-M01-080505	WS-M01-090805	WS-M02-080507	WS-M02-090812	WS-M03-080507	WS-M03-091217	WS-M04-080507	WS-M04-090812	WS-M04-091218	WS-N01-080506	WS-N01-090804	WS-N02-080506	WS-N02-090813	WS-N03-080507	WS-N03-090812	WS-N03-091218
Metels	ALUMINUM	21000	24000	19453	9480		14000		11200		11000		6770	12600	7610		11700	8980		15100		9090		
	ANTIMONY	1.9		1.7	1		0.47		0.7		0.75		1	0.21	1		0.24	0.45		0.59		0.68		
	ARSENIC	13	30	34	8.4		**13.9**		9.4		8.6		7.9	8.7	6.6		10.1	9.4		10.9		8.1		
	BARIUM	210	220	233	68.3		93.1		94.8		82.6		50.3	57.6	57.7		47.1	70.2		70.3		44.3		
	BERYLLIUM	2.1		1.2	0.41		0.85		0.62		0.58		0.3	0.67	0.34		0.44	0.51		0.7		0.22		
	BORON	31	35	30	4.5		8		8.4		8.6		*2.8*	3.3	4.3		2.8	9.6		7.5		3.4		
	CADMIUM	0.57	1.3	0.56	0.6		0.63		0.98		0.23		0.46	0.066	0.6		0.038	0.49		0.36		0.45		
	CHROMIUM	31	35	30.4	16.1		20.9		17.7		19.8		11.5	15.3	13		14.2	13.8		25.6		18.1		
	COBALT	21	30	29	7.7		14.4		10.9		10.1		6.7	10.9	7.9		7.2	10.6		8.9		4.9		
	COPPER	34		34	16.9		24.1		21.7		22.6		20.2	22.3	**79.9**		16.1	16.5		17.6		17.4		
	LEAD	100		108.3	49		17.6		36.8		62.9		64.5	10.2	72.5		11.1	29.7		35.5		47.6		
	MANGANESE	3650		3978	340		376		575		492		251	275	301		208	448		323		188		
	MOLYBDENUM	14	16	16.9	4.3		5.6		4.1		4.6		4.8	4.1	5.2		4.4	4.1		4.5		4.4		
	NICKEL	190		192	25.4		39.3		28.3		26.6		18.5	25.6	21		17.1	22.6		23.7		18.5		
	SELENIUM	1.9	14	14.9	0.39		0.45		0.56		0.7		0.77	*0.11*	0.55		0.38	0.43		0.31		0.58		
	SILVER	17	17	16.6	0.36		*0.12*		0.29		0.18		0.32	*0.078*	0.24		*0.13*	*0.19*		*0.13*		0.14		
	VANADIUM	37	44	33.4	17.4		23.1		19		18.1		14.5	19.7	16.3		20.9	15.1		28		17		
	ZINC	140		139.1	79.3		77.7		88.2		86.7		**275**	71.3	**238**		57.7	81		69.6		72.7		
	MERCURY	1.7	2.4	2.62		0.058		0.031		0.093		0.08		0.021		0.071	0.015		0.063		0.048		0.07	
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		*0.014*		*0.014*		*0.014*		*0.014*		*0.014*	*0.014*		*0.014*		*0.014*		*0.014*
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*		*0.01*		*0.01*		*0.01*		*0.01*		*0.01*	*0.01*		*0.01*		*0.01*		*0.01*
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0092*		*0.0093*		*0.0092*		*0.0092*		*0.0092*		*0.009*	*0.0092*		*0.0092*		*0.0092*		*0.0091*
	AROCLOR 1254	0.075		0.059	*0.0031*		0.029		0.017		*0.0031*		0.034		**0.3**		*0.003*	*0.0031*		*0.0031*		**0.17**		*0.003*
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0061*		*0.0062*		*0.0062*		*0.0061*		*0.0062*		*0.006*	*0.0062*		*0.0061*		*0.0061*		*0.006*
Pesticides	4,4'-DDE	0.16		0.134	0.0041		*0.00031*		0.0052		0.0041		0.0041		0.0062			0.0051		0.0031		0.0051		
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*		*0.00052*		*0.00051*		0.001		*0.00051*			*0.00051*		*0.00051*		*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00061*		0.001		*0.00062*		*0.00061*		*0.00062*			*0.00062*		*0.00061*		*0.00061*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*		*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	0.0061		*0.00051*		*0.00052*		0.0031		0.0072		0.011			0.0021		0.0031		0.0061		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.05		*0.0041*		0.044		0.06		**0.92**	*0.003*	**2.9**		*0.003*	0.046		0.041		0.12		
	BENZO(A)PYRENE	0.55		0.43	0.077		*0.0068*		0.044		0.07		**0.9**	*0.005*	**2.6**		*0.005*	0.055		0.067		0.14		
	BENZO(B)FLUORANTHENE	0.55		0.55	0.14		0.048		0.093		0.14		**1.8**	*0.007*	**4.2**		*0.007*	0.11		0.11		0.25		
	BENZO(K)FLUORANTHENE	0.55		0.54	0.058		*0.0082*		0.04		0.053		0.52	*0.006*	**1.2**		*0.006*	0.036		0.052		0.11		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.23		0.31		0.22		0.19		0.15	0.051	0.23		0.072	0.22		0.23		0.31		
	CHRYSENE	0.55		0.52	0.072		*0.0041*		0.069		0.087		**0.96**	*0.003*	**3.1**		*0.003*	0.063		0.054		0.15		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*		*0.0069*		*0.0068*		*0.0068*	*0.005*	*0.014*		*0.005*	*0.0068*		*0.0068*		*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0068*		*0.0069*		*0.0068*		0.23	*0.005*	**1.3**		*0.005*	*0.0068*		*0.0068*		*0.0068*		
	BENZENE	0.0060		0.0058	*0.0026*		*0.0028*		*0.0052*		*0.0044*		*0.0047*		*0.0033*			*0.0042*		*0.0056*		*0.0034*		

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limt.
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CVS Results from
December 16, 2010 Database

	West Site Grids	Grid		Quality Indicator	O1			O2		
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	WS-O01-080506	WS-O01-090804	WS-O01-091124	WS-O02-080506	WS-O02-090813	WS-O02-091124
Metels	ALUMINUM	21000	24000	19453	14500			10300		
	ANTIMONY	1.9		1.7	0.78			1.1		
	ARSENIC	13	30	34	9.4			7.9		
	BARIUM	210	220	233	65.4			40.5		
	BERYLLIUM	2.1		1.2	0.68			0.39		
	BORON	31	35	30	6.2			4.2		
	CADMIUM	0.57	1.3	0.56	0.36			0.36		
	CHROMIUM	31	35	30.4	23.7			20.2		
	COBALT	21	30	29	8.7			4.8		
	COPPER	34		34	14.4			13.1		
	LEAD	100		108.3	34.4			43.1		
	MANGANESE	3650		3978	340			196		
	MOLYBDENUM	14	16	16.9	5.1			5.1		
	NICKEL	190		192	19.6			15.6		
	SELENIUM	1.9	14	14.9	0.34			0.55		
	SILVER	17	17	16.6	*0.14*			0.16		
	VANADIUM	37	44	33.4	27			22.7		
	ZINC	140		139.1	59.1			49.4		
	MERCURY	1.7	2.4	2.62		0.058			0.054	
PCBs	AROCLOR 1232	0.075		0.059	*0.014*			*0.014*		
	AROCLOR 1242	0.075		0.059	*0.01*			*0.01*		
	AROCLOR 1248	0.075		0.059	*0.0092*			*0.0092*		
	AROCLOR 1254	0.075		0.059	*0.0031*			*0.0031*		
	AROCLOR 1260	0.075		0.059	*0.0061*			*0.0062*		
Pesticides	4,4'-DDE	0.16		0.134	0.002			0.0031		
	ALDRIN	0.01		0.0061	*0.00051*			*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00061*			*0.00062*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*			0.0062		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.035			0.074		
	BENZO(A)PYRENE	0.55		0.43	0.035			0.094		
	BENZO(B)FLUORANTHENE	0.55		0.55	0.073			0.2		
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0081*			0.081		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.16			0.25		
	CHRYSENE	0.55		0.52	0.042			0.11		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*			*0.0068*		
	BENZENE	0.0060		0.0058	*0.0066*		*0.00033*	*0.0066*		*0.00041*

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East Site

CVS Results from
December 16, 2010 Database

Parameter Group	East Site Grids Analyte	RG Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Quality Indicator Reliance Level (mg/kg)	A01 ES-A01-080623	ES-A01-090910	BO1 ES-B01-080623	ES-B01-090611	C01 ES-C01-080624	ES-C01-081113	ES-C01-090910	ES-C01-091123	D01 ES-D01-080624	ES-D01-090608	E01 ES-E01-080528	ES-E01-090910	E02 ES-E02-080611	ES-E02-090910	F01 ES-F01-080529	ES-F01-090608
Metals	ALUMINUM	21000	24000	19453		14200	17900		18100		16700		12700			16800			14800	
	ANTIMONY	1.9		1.7		0.44	0.3		0.26		0.25		0.31			0.43			0.25	
	ARSENIC	13	30	34		10.3	12.1		11.4		12.8		12.6			**14.1**			9.4	
	BARIUM	210	220	233		101	97.8		80.4		82.8		91			66.2			80.1	
	BERYLLIUM	2.1		1.2		0.77	0.77		0.62		0.83		0.82			0.68			0.71	
	BORON	31	35	30		5	5.3		3.7		6.2		5.5			6.1			4.7	
	CADMIUM	0.57	1.3	0.56		0.1	0.13		0.063		*0.012*		*0.02*			*0.018*			0.22	
	CHROMIUM	31	35	30.4		14.9	22.4		21.5		18.3		16.5			19.4			17.7	
	COBALT	21	30	29		10.6	11.6		9		12.5		12.7			9.5			10.9	
	COPPER	34		34		20.9	22.1		17.4		25.3		19.4			33.7			18	
	LEAD	100		108.3		27.6	24.1		17.9		22.1		16.2			22.7			18.9	
	MANGANESE	3650		3978		950	877		503		540		476			248			774	
	MOLYBDENUM	14	16	16.9		4.6	4.6		4.1		4.5		4.2			4.6			3.8	
	NICKEL	190		192		20.9	23.3		20.1		23.1		32.6			24.6			20.7	
	SELENIUM	1.9	14	10.2		0.61	0.58		0.22		0.39		0.29			0.41			0.66	
	SILVER	17	17	16.6		*0.14*	*0.17*		*0.14*		*0.11*		*0.19*			*0.17*			0.96	
	VANADIUM	37	44	33.4		20.1	28.4		28.6		23.4		18.3			25.6			26.5	
	ZINC	140		139.1		78.7	66.1		60.2		65.3		58.5			62.9			63.5	
	MERCURY	1.7	2.4	2.62		0.053		0.035			0.041			0.022		0.026				0.022
PCBs	AROCLOR 1232	0.075		0.059	*0.014*	*0.014*	*0.014*		*0.014*	*0.014*	*0.014*	*0.014*	*0.014*		*0.014*	*0.015*	*0.014*	*0.014*	*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*	*0.01*	*0.01*		*0.01*	*0.01*	*0.01*	*0.01*	*0.01*		*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0093*	*0.0093*	*0.0092*		*0.0092*	*0.0091*	*0.0093*	*0.0092*	*0.0092*		*0.0092*	*0.0094*	*0.0092*	*0.0093*	*0.0092*	
	AROCLOR 1254	0.075		0.059	**0.2**	0.029	0.071		**0.087**	**0.18**	0.063	*0.0031*	0.021		**0.27**	*0.0031*	**0.15**	0.023	*0.0031*	
	AROCLOR 1260	0.075		0.059	**0.14**	*0.0062*	*0.0062*		0.065	***0.19***	**0.16**	*0.0061*	*0.0061*		*0.0061*	*0.0062*	*0.0061*	*0.0062*	*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	0.0046		*0.00031*		0.0019				*0.00031*		*0.00031*		*0.00031*		*0.00031*	
	ALDRIN	0.01		0.0061	0.00093		0.00062		*0.00051*				*0.00051*		*0.00051*		*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00062*		*0.00062*		*0.00062*				*0.00061*		*0.00061*		*0.00061*		*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*				*0.00031*		*0.00031*		*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	0.00093		*0.00051*		0.0026				*0.00051*		0.001		0.00051		*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.048		0.2		*0.0041*				*0.0041*		0.022		0.048		*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0069*		0.23		*0.0068*				*0.0068*		*0.0068*		0.041		*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0096*		0.37		*0.0095*				*0.0095*		0.027		0.08		0.023	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		0.1		*0.0082*				*0.0082*		*0.0081*		*0.0081*		*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.26		0.12		0.089				0.13		0.15		0.11		0.12	
	CHRYSENE	0.55		0.52	0.073		0.23		*0.0041*				*0.0041*		0.019		0.06		*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0069*		*0.0068*		*0.0068*				*0.0068*		*0.0068*		*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0069*		0.11		*0.0068*				*0.0068*		*0.0068*		0.023		*0.0068*	
	BENZENE	0.0060		0.0058	*0.004*		*0.0054*		*0.0038*				*0.0023*		*0.0035*		*0.003*		*0.0029*	

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Parameter Group	East Site Grids — Analyte	RG — Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Quality Indicator — Reliance Level (mg/kg)	G01 — ES-G01-080529	ES-G01-090608	G02 — ES-G02-080605	ES-G02-090610	H01 — ES-H01-080528	ES-H01-091105	H02 — ES-H02-080515	ES-H02-090605	H03 — ES-H03-080605	ES-H03-090610	I01 — ES-I01-080529	ES-I01-081114	ES-I01-091105	I02 — ES-I02-080514	ES-I02-090612	I03 — ES-I03-080513	ES-I03-090610
Metals	ALUMINUM	21000	24000	19453	12000		14200		15900	18000	15900		14600		13000		15700	13400		13600	
	ANTIMONY	1.9		1.7	0.28		0.24		0.33	0.49	0.25		0.092		0.31		0.43	0.31		0.25	
	ARSENIC	13	30	34	**13.4**		9.6		10.2	**14.8**	12.6		11.9		10.2		12.9	12.8		8.4	
	BARIUM	210	220	233	61.3		67.2		67.6	79.3	70.2		66.6		81.9		87.2	84.6		62	
	BERYLLIUM	2.1		1.2	0.56		0.65		0.73	0.85	0.85		0.59		0.69		0.9	0.74		0.42	
	BORON	31	35	30	4.4		3.6		3.7	13.9	3.6		6.6		5.5		10.3	6.2		4.3	
	CADMIUM	0.57	1.3	0.56	0.23		0.28		0.38	*0.01*	0.31		0.017		0.12		*0.011*	*0.014*		*0.012*	
	CHROMIUM	31	35	30.4	14.7		17.4		19	21.9	19.3		19.7		18.2		19	18.7		17.8	
	COBALT	21	30	29	8.8		9.9		10.6	10.3	15		8.4		12.4		12.9	13.7		7.6	
	COPPER	34		34	19.2		21.1		**46.9**	24.5	32.5		27.7		**50.9**		25.8	28.3		29.4	
	LEAD	100		108.3	16.3		28.7		33.7	11	19.3		23.1		22.9		10.6	15		19	
	MANGANESE	3650		3978	452		444		601	287	378		271		387		380	325		307	
	MOLYBDENUM	14	16	16.9	3.6		3.5		4.1	4.3	4.1		3.8		4.3		4.6	4.3		3.2	
	NICKEL	190		192	18.5		24		24.8	26.3	30.6		26.4		31.1		30.1	35		19.7	
	SELENIUM	1.9	14	10.2	0.24		0.47		*0.096*	0.28	0.25		0.36		0.17		0.34	*0.13*		0.3	
	SILVER	17	17	16.6	0.98		0.94		1	*0.095*	1.1		*0.12*		*0.12*		*0.11*	*0.13*		*0.11*	
	VANADIUM	37	44	33.4	20.8		24.7		27.3	25.5	26.4		23.2		20.9		21.1	20.3		21.5	
	ZINC	140		139.1	56.5		66		84.6	63.6	70.5		68.2		92		66	74		66.1	
	MERCURY	1.7	2.4	2.62		0.022		0.025		0.026		0.026		0.028			0.021		0.025		0.026
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		*0.014*		*0.014*		*0.014*		*0.014*	*0.014*		*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*		*0.01*		*0.01*		*0.01*		*0.01*	*0.01*		*0.01*		*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0092*		*0.0092*		*0.0092*		*0.0092*		*0.0092*	*0.0092*		*0.0092*		*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*		0.0082		0.027		0.065		*0.0031*		**0.079**	0.035		*0.0031*		0.025	
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0061*		*0.0062*		*0.0062*		*0.0062*		*0.0061*	*0.0061*		*0.0061*		*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00061*		*0.00062*		*0.00062*		*0.00062*		*0.00061*			*0.00061*		*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00051*		0.0041		*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		*0.0041*		0.015		0.035		0.031		*0.0041*			*0.0041*		*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		*0.0068*		0.016		0.026		0.029		0.02			*0.0068*		*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	0.023		0.019		0.029		0.049		0.045		0.033			*0.0095*		*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		0.015		*0.0082*		*0.0082*		*0.0082*		*0.0082*			*0.0082*		*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.11		0.095		0.097		0.14		0.13		0.2			0.12		0.19	
	CHRYSENE	0.55		0.52	*0.0041*		*0.0041*		0.016		0.03		0.027		*0.0041*			*0.0041*		*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*		*0.0068*			*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.0027*		*0.0029*		*0.0031*		*0.0028*		*0.003*		*0.0025*			*0.0036*		*0.0031*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

	East Site Grids	RG		Quality Indicator	I04		J01		J02			J03				J04		J05			
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-I04-080602	ES-I04-091106	ES-J01-080529	ES-J01-090609	ES-J02-080527	ES-J02-090609	ES-J02-091105	ES-J03-080513	ES-J03-081111	ES-J03-090323	ES-J03-091103	ES-J04-080530	ES-J04-091103	ES-J05-080602	ES-J05-081113	ES-J05-091124	ES-J05-100112
Metals	ALUMINUM	21000	24000	19453	13600	14800	15600		12700		13600	13800			20000	14300	18200	13600		15500	16700
	ANTIMONY	1.9		1.7	0.31	0.56	0.26		0.26		0.41	0.41			0.41	0.4	0.12	0.83		0.27	0.29
	ARSENIC	13	30	34	7.7	**13.3**	11.2		11.8		12.7	7.2			10.1	11	8.9	10.5		11.1	15.6
	BARIUM	210	220	233	72.6	61	99.4		105		91.6	58.6			76.9	64.1	106	77.4		82.6	94.8
	BERYLLIUM	2.1		1.2	0.47	0.74	0.89		0.76		0.8	0.59			0.88	0.51	1.2	0.99		0.85	1
	BORON	31	35	30	4.3	9.7	12.3		21.1		13.3	7.7			11	13.8	11.1	20.8		7.3	28.1
	CADMIUM	0.57	1.3	0.56	0.055	*0.019*	*0.012*		0.14		*0.0097*	0.24			0.45	*0.013*	0.5	0.24		0.23	0.013
	CHROMIUM	31	35	30.4	17.1	19.1	19.9		18.6		17.2	17.5			23.1	18.5	21.8	17.9		19.1	21.8
	COBALT	21	30	29	8.9	10	15		13.6		10.7	8.4			12.2	9.2	14.8	9.2		12.8	15.4
	COPPER	34		34	24.1	25.1	31.3		**38.3**		23.7	**47.2**			30.6	**66.7**	28.7	**1030**		**45.7**	29.5
	LEAD	100		108.3	21	10.1	16.4		17.3		8.8	26.5			12.5	25.8	11.7	**284**		19.2	11.7
	MANGANESE	3650		3978	457	230	339		491		447	287			261	293	402	426		393	358
	MOLYBDENUM	14	16	16.9	3.2	4.4	4.1		3.6		4.3	4			4.3	3.3	3.9	3.8		3.9	4.2
	NICKEL	190		192	19.3	26.5	31.7		42.2		28.6	21.1			27.9	24.3	37.1	29.1		28.3	38
	SELENIUM	1.9	14	10.2	0.39	0.49	0.24		*0.094*		0.16	0.5			0.35	0.27	*0.11*	0.31		0.24	0.18
	SILVER	17	17	16.6	*0.13*	*0.18*	*0.11*		*0.093*		*0.089*	*0.11*			*0.083*	*0.12*	*0.11*	*0.13*		*0.1*	*0.12*
	VANADIUM	37	44	33.4	21.3	22	22.6		20.9		19.1	19.8			25.5	21.8	22.9	22		20.8	24
	ZINC	140		139.1	**153**	63.7	77.3		86.7		57.9	110			68.3	110	74.5	**942**		95.3	77.3
	MERCURY	1.7	2.4	2.62		0.03		0.029		0.029	0.017				0.03		0.024			0.035	0.025
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		*0.014*			*0.014*	*0.014*			*0.014*		*0.014*	*0.014*		
	AROCLOR 1242	0.075		0.059	*0.01*		*0.01*		*0.01*			*0.01*	*0.01*			*0.01*		*0.01*	*0.01*		
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0093*		*0.0092*			*0.0091*	*0.0092*			*0.0093*		*0.0092*	*0.0091*		
	AROCLOR 1254	0.075		0.059	0.018		*0.0031*		*0.0031*			**0.088**	0.065			0.0062		**0.1**	0.025		
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0062*		*0.0061*			*0.0061*	*0.0061*			*0.0062*		*0.0062*	*0.0061*		
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		0.001		*0.00031*			*0.0003*				0.0031		*0.00031*			
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*		*0.00051*			*0.00051*				*0.00051*		*0.00051*			
	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00062*		*0.00061*			*0.00061*				*0.00062*		*0.00062*			
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*			*0.0003*				0.0021		*0.00031*			
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00051*		*0.00051*			0.001				*0.00051*		*0.00051*			
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		0.032		*0.0041*			0.03		0.032		*0.0041*		*0.0041*			
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		0.027		*0.0068*			*0.0068*		*0.0068*		*0.0068*		0.019			
	BENZO(B)FLUORANTHENE	0.55		0.55	0.029		0.041		*0.0095*			0.046		0.037		*0.0096*		0.042			
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		0.018		*0.0082*			*0.0081*		0.012		*0.0082*		*0.0082*			
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.14		0.14		0.12			**0.69**		0.086		0.1		0.16			
	CHRYSENE	0.55		0.52	*0.0041*		0.052		*0.0041*			0.035		0.02		*0.0041*		*0.0041*			
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*		*0.0068*			*0.0068*		*0.0068*		*0.0068*		*0.0068*			
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0068*		*0.0068*			*0.0068*		0.024		*0.0068*		*0.0068*			
	BENZENE	0.0060		0.0058	*0.0028*		*0.0038*		*0.0036*			*0.0029*				*0.0034*		*0.003*			

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

CVS Results from
December 16, 2010 Database

	East Site Grids	RG		Quality Indicator	K01		K02			K03		K04		K05		K07				L01	
Parameter Group	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-K01-080602	ES-K01-090611	ES-K02-080602	ES-K02-091103	ES-K02-100818	ES-K03-080514	ES-K03-091103	ES-K04-080527	ES-K04-090609	ES-K05-080605	ES-K05-090609	ES-K07-080611	ES-K07-081112	ES-K07-090924	ES-K07-091123	ES-L01-080625	ES-L01-090609
Metals	ALUMINUM	21000	24000	19453	13300		16200	17300		13200	18500	13900		12900		14000		16600	15800	11900	
	ANTIMONY	1.9		1.7	0.24		0.26	0.48		0.31	0.44	0.2		0.22		0.63		0.89	0.28	0.25	
	ARSENIC	13	30	34	10.9		12.5	9.2		10.1	8.6	**13.3**		10.5		10.8		11.8	11	11.2	
	BARIUM	210	220	233	65		78.6	108		74.6	95.1	111		63.1		94.4		108	76.1	91.6	
	BERYLLIUM	2.1		1.2	0.5		0.74	1.2		0.49	1.1	0.87		0.52		0.93		0.81	0.76	0.7	
	BORON	31	35	30	6.5		6.6	9.9		8.7	6.4	5.9		4.9		10.1		7.1	5.5	7.3	
	CADMIUM	0.57	1.3	0.56	*0.013*		0.26	0.1		0.12	0.39	*0.011*		*0.012*		0.32		**1.6**	0.16	*0.014*	
	CHROMIUM	31	35	30.4	18.2		20	20.8		17.8	21.7	19.1		17.1		23.9		25.8	20.9	17	
	COBALT	21	30	29	8.6		9.9	19.7		9.9	14.3	12.8		8.1		11.4		14	13	10	
	COPPER	34		34	21.6		**37**	29.5		**134**	28.7	29.4		31.4		**125**		**45.8**	21.7	24.5	
	LEAD	100		108.3	16		23	11.5		27.6	12.1	15.4		18.7		89.6		76.5	17.7	15.7	
	MANGANESE	3650		3978	331		328	495		660	343	390		283		621		443	459	448	
	MOLYBDENUM	14	16	16.9	3.5		3.5	4.8		4	5	3.3		3		4.4		5.2	4.5	4.3	
	NICKEL	190		192	23.1		27.1	38.5		22.7	33.7	38.7		22.1		82.1		34.4	31.7	29.8	
	SELENIUM	1.9	14	10.2	0.25		*0.11*	*0.12*		0.63	*0.12*	0.24		0.29		0.55		0.25	0.45	*0.12*	
	SILVER	17	17	16.6	*0.12*		1.2	*0.1*		*0.13*	*0.11*	*0.1*		*0.11*		1		*0.15*	*0.1*	*0.12*	
	VANADIUM	37	44	33.4	21.8		27	21.1		22.9	22.8	21		20.7		25.1		23.3	21.2	19.5	
	ZINC	140		139.1	67.7		76.5	77.2		**241**	73.3	66.5		60.8		**157**		**167**	96.2	66	
	MERCURY	1.7	2.4	2.62		0.029		0.025			0.029		0.024		0.037			0.063	0.034		0.018
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		0.014	*0.014*		*0.014*		*0.014*		*0.014*				*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*		**0.079**		0.01	*0.01*		*0.01*		*0.01*		*0.01*				*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0092*		0.0093	*0.0092*		*0.0092*		*0.0092*		*0.0092*				*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*		0.058		0.0031	0.021		*0.0031*		*0.0031*		*0.0031*				*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.0062*		*0.0062*		0.0062	*0.0061*		*0.0061*		*0.0061*		*0.0061*				*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		*0.00031*			*0.00031*		*0.00031*		*0.00031*		0.0038	0.0029			*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*			*0.00051*		*0.00051*		*0.00051*		**0.015**	*0.00052*			*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00062*		*0.00062*			*0.00061*		*0.00061*		*0.00061*		*0.00061*	*0.00062*			*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*			*0.00031*		*0.00031*		*0.00031*		0.0041	*0.00031*			*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00051*			*0.00051*		*0.00051*		*0.00051*		*0.00051*	*0.00052*			*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		*0.0041*			0.057		*0.0041*		0.024		0.31				0.018	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		0.016			0.06		*0.0068*		0.015		0.29				*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*		0.023			0.086		*0.0095*		0.022		0.42				0.031	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		*0.0082*			0.027		*0.0082*		0.014		0.13				*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.082		0.11			0.33		0.19		0.086		0.067				0.12	
	CHRYSENE	0.55		0.52	*0.0041*		*0.0041*			0.05		*0.0041*		0.018		0.31				0.013	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*			*0.0068*		*0.0068*		*0.0068*		*0.0068*				*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		*0.0068*			0.034		*0.0068*		*0.0068*		0.13				*0.0068*	
	BENZENE	0.0060		0.0058	*0.0031*		*0.0033*			*0.0032*		*0.0039*		*0.0032*		*0.0034*				*0.0043*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

Parameter Group	East Site Grids	RG		Quality Indicator	L02		L03		L04			L05		L06			M01		M02	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-L02-080625	ES-L02-090609	ES-L03-080604	ES-L03-091104	ES-L04-080604	ES-L04-090319	ES-L04-091104	ES-L05-080620	ES-L05-091104	ES-L06-080605	ES-L06-081111	ES-L06-091104	ES-M01-080527	ES-M01-090610	ES-M02-080519	ES-M02-090609
Metals	ALUMINUM	21000	24000	19453	12300		15800	17300	15000		17600		16300			16500	15300		14300	
Metals	ANTIMONY	1.9		1.7	0.27		0.3	0.46	0.21		0.5		0.47			0.41	0.21		0.29	
Metals	ARSENIC	13	30	34	12.7		11	12.1	13		8.8		8			8.5	10.9		**13.1**	
Metals	BARIUM	210	220	233	98.6		87.9	107	66.4		95.9		102			98.6	82.9		96.8	
Metals	BERYLLIUM	2.1		1.2	0.8		0.72	1.2	0.73		0.98		0.94			0.94	0.69		0.95	
Metals	BORON	31	35	30	11.2		8.5	7.3	10.4		6.7		9.4			8.7	7.5		9.6	
Metals	CADMIUM	0.57	1.3	0.56	*0.015*		*0.011*	0.11	0.21		0.17		0.55			0.19	*0.013*		*0.016*	
Metals	CHROMIUM	31	35	30.4	17.5		19.9	21.1	19.2		20.5		19.7			19.9	20.7		20.1	
Metals	COBALT	21	30	29	13.7		8.7	18.5	10.1		15.8		14.6			14.2	9.2		14.6	
Metals	COPPER	34		34	29.1		45.4	28.8	52		30.4		27.2			27.1	26.7		29.3	
Metals	LEAD	100		108.3	15.6		20.2	11.2	21.8		11.4		10.8			11.6	22.4		15.4	
Metals	MANGANESE	3650		3978	492		352	412	319		363		489			476	361		367	
Metals	MOLYBDENUM	14	16	16.9	4.5		3.5	4.8	4.5		4.8		4.7			4.8	3.3		4	
Metals	NICKEL	190		192	33.3		25.6	39.5	25		35.9		34.5			33.7	24.5		37.5	
Metals	SELENIUM	1.9	14	10.2	*0.14*		0.26	0.15	0.2		0.24		0.17			0.15	0.24		*0.12*	
Metals	SILVER	17	17	16.6	*0.14*		*0.11*	*0.11*	*0.16*		*0.097*		*0.093*			*0.087*	*0.12*		*0.14*	
Metals	VANADIUM	37	44	33.4	20.3		24	21.7	21.4		21.3		20.7			21.2	24		22.3	
Metals	ZINC	140		139.1	67.7		78.1	78.1	88.4		73.4		69.3			71.4	58.6		77.4	
Metals	MERCURY	1.7	2.4	2.62		0.019		0.024			0.026		0.019			0.024		0.03		0.024
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*		*0.014*	*0.014*	*0.014*	*0.014*	*0.014*	*0.014*	*0.014*	*0.014*	*0.014*		*0.014*	
PCBs	AROCLOR 1242	0.075		0.059	0.055		0.035		0.047	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*	*0.01*		0.011	
PCBs	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0093*		*0.0092*	*0.0091*	*0.0092*	*0.0092*	*0.0092*	*0.0092*	*0.0092*	*0.0092*	*0.0092*		*0.0092*	
PCBs	AROCLOR 1254	0.075		0.059	*0.0031*		0.033		0.14	0.11	*0.0031*	0.17	*0.0031*	0.089	0.12	*0.0031*	0.013		*0.0031*	
PCBs	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0062*		*0.0062*	*0.0061*	*0.0062*	*0.0061*	*0.0061*	*0.0061*	*0.0061*	*0.0061*	*0.0061*		*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*			*0.00031*		*0.00031*	
Pesticides	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*			*0.00051*		*0.00051*	
Pesticides	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00062*		*0.00062*			*0.00061*		*0.00061*			*0.00061*		*0.00061*	
Pesticides	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*		*0.00031*			*0.00031*		*0.00031*			*0.00031*		*0.00031*	
Pesticides	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*			*0.00051*		*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		0.11		*0.0041*			*0.0041*		*0.0041*			*0.0041*		*0.0041*	
Semivolatile Organics	BENZO(A)PYRENE	0.55		0.43	*0.0068*		0.12		*0.0068*			*0.0068*		*0.0068*			*0.0068*		*0.0068*	
Semivolatile Organics	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*		0.15		0.0096			*0.0095*		*0.0095*			*0.0095*		*0.0095*	
Semivolatile Organics	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		0.056		*0.0082*			*0.0082*		*0.0081*			*0.0082*		*0.0082*	
Semivolatile Organics	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.08		0.19		0.18			0.18		0.092			0.15		0.1	
Semivolatile Organics	CHRYSENE	0.55		0.52	*0.0041*		0.12		*0.0041*			*0.0041*		*0.0041*			*0.0041*		*0.0041*	
Semivolatile Organics	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*		*0.0068*			*0.0068*		*0.0068*			*0.0068*		*0.0068*	
Semivolatile Organics	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		0.079		*0.0068*			*0.0068*		*0.0068*			*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.0037*		*0.0032*		*0.0026*			*0.0044*		*0.0036*			*0.0029*		*0.003*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

Parameter Group	East Site Grids	RG		Quality Indicator	M03			M04		M05		M06			M07		M08			M09	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-M03-080519	ES-M03-091022	ES-M03-091228	ES-M04-080515	ES-M04-090609	ES-M05-080527	ES-M05-090610	ES-M06-080520	ES-M06-081111	ES-M06-091105	ES-M07-080612	ES-M07-091105	ES-M08-080610	ES-M08-090924	ES-M08-091123	ES-M09-080611	ES-M09-090605
Metals	ALUMINUM	21000	24000	19453		16700	17700	14900		12000		12200		16100		16800	13700	13600	14400	11700	
	ANTIMONY	1.9		1.7		0.14	0.3	0.22		0.2		0.32		0.45		0.44	0.67	0.77	0.32	0.31	
	ARSENIC	13	30	34		**16.4**	**15.2**	**13.2**		10.5		11.8		**13.6**		13	12.8	**15.5**	12.4	10.2	
	BARIUM	210	220	233		104	134	87.3		88.8		92.6		109		90.4	80.5	99.2	81	61	
	BERYLLIUM	2.1		1.2		0.89	1.2	0.82		0.73		0.81		1.1		0.93	1.2	0.92	0.77	0.7	
	BORON	31	35	30		*1.9*	25	6.8		7.2		8.2		8.8		12	32.2	8.5	7.1	5.1	
	CADMIUM	0.57	1.3	0.56		0.12	0.68	*0.015*		*0.01*		0.15		*0.0093*		*0.02*	0.095	0.67	0.15	*0.013*	
	CHROMIUM	31	35	30.4		20.6	22	20		17.5		17.8		20.3		20.9	19.8	19.1	19.4	19.3	
	COBALT	21	30	29		20	16.1	12.6		12.7		13.6		13.8		14.2	9.5	16.8	12	7.4	
	COPPER	34		34		34.1	27.1	28.7		27.1		45.7		27.4		24.7	355	62.4	33.5	24.3	
	LEAD	100		108.3		10.7	12	15.7		16.9		21.4		9.8		12	99.1	35.6	14.3	30.2	
	MANGANESE	3650		3978		519	439	303		490		531		470		389	398	586	395	263	
	MOLYBDENUM	14	16	16.9		5.2	4	4.1		3.9		3.9		4.3		4.6	4.5	5.5	4.7	3.5	
	NICKEL	190		192		35.6	37.5	32.1		34.1		34.4		33.8		30.4	83.6	34.6	31.1	15.2	
	SELENIUM	1.9	14	10.2		0.16	0.23	0.15		0.1		*0.1*		*0.11*		0.55	0.25	0.37	0.21	0.41	
	SILVER	17	17	16.6		*0.1*	*0.11*	*0.14*		*0.096*		*0.1*		*0.085*		*0.18*	1	*0.11*	*0.11*	0.82	
	VANADIUM	37	44	33.4		21.8	30	23.2		19.1		19.6		22.3		25.2	23.8	20.5	21.3	19.3	
	ZINC	140		139.1		65.3	75.3	74.3		61.1		92.1		69.4		71.8	395	130	81.2	98.4	
	MERCURY	1.7	2.4	2.62		0.022	0.024		0.34		0.02			0.02		0.025		0.037	0.028		0.018
PCBs	AROCLOR 1232	0.075		0.059	*0.014*	*0.014*		*0.014*		*0.014*		*0.014*	*0.014*		*0.014*	*0.014*	*0.014*			*0.014*	
	AROCLOR 1242	0.075		0.059	0.3	*0.01*		*0.01*		*0.01*		*0.01*	*0.01*		0.12	*0.01*	*0.01*			*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*	*0.0092*		*0.0092*		*0.0091*		*0.0092*	*0.0092*		*0.0092*	*0.0092*	*0.0093*			*0.0092*	
	AROCLOR 1254	0.075		0.059	0.1	*0.0031*		*0.0031*		0.038		0.099	0.037		0.088	*0.0031*	0.028			0.0082	
	AROCLOR 1260	0.075		0.059	*0.0061*	*0.0062*		*0.0061*		*0.0061*		*0.0061*	*0.0061*		*0.0061*	*0.0061*	*0.0062*			*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*			*0.00031*		*0.0003*		*0.00031*			0.001		*0.00031*			*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*			*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*			*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*			*0.00061*		*0.00061*		*0.00061*			*0.00061*		*0.00062*			*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		*0.0003*		*0.00031*			*0.00031*		*0.00031*			*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	0.0031			*0.00051*		*0.00051*		*0.00051*			*0.00051*		*0.00051*			*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.024			*0.0041*		*0.004*		0.013			*0.0041*		0.22			*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*			*0.0068*		*0.0067*		*0.0068*			*0.0068*		0.22			*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	0.043			*0.0095*		*0.0094*		0.019			*0.0095*		0.33			0.022	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*			*0.0082*		*0.0081*		*0.0081*			*0.0082*		0.12			0.0082	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.16			0.34		0.085		0.095			0.099		0.041			*0.027*	
	CHRYSENE	0.55		0.52	0.019			*0.0041*		*0.004*		0.012			*0.0041*		0.25			*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		*0.0067*		*0.0068*			*0.0068*		*0.0068*			*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*			*0.0068*		*0.0067*		*0.0068*			*0.0068*		0.1			*0.0068*	
	BENZENE	0.0060		0.0058	*0.0029*			*0.0036*		*0.0035*					*0.0043*		*0.0037*			*0.0037*	

Bold and/or boxed cell indicates exceedance of the RG.
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the value is the detection limit.
A shaded column indicates an excavation event occured.

CVS Results from
December 16, 2010 Database

Parameter Group	East Site Grids	RG		Quality Indicator	N02			N03		N04		N05			N06			N07	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-N02-080528	ES-N02-090320	ES-N02-090612	ES-N03-080520	ES-N03-090611	ES-N04-080519	ES-N04-090611	ES-N05-080519	ES-N05-081111	ES-N05-091105	ES-N06-080527	ES-N06-081112	ES-N06-090630	ES-N07-080530	ES-N07-100225
Metals	ALUMINUM	21000	24000	19453	13900			13300		15400		14300		13600	13500			13400	18400
	ANTIMONY	1.9		1.7	0.24			0.26		0.22		0.27		0.41	0.21			0.35	0.44
	ARSENIC	13	30	34	12.5			12.3		12.8		11.8		11.9	**13.4**			11.1	**15.7**
	BARIUM	210	220	233	65.6			106		89.8		84.1		89.4	97.1			75.3	102
	BERYLLIUM	2.1		1.2	0.65			0.91		0.82		0.81		0.8	1.1			0.81	1
	BORON	31	35	30	5.1			5.6		5.4		6.1		10.7	10.5			18.6	17.8
	CADMIUM	0.57	1.3	0.56	*0.016*			*0.014*		*0.014*		*0.014*		*0.0092*	*0.016*			*0.012*	*0.013*
	CHROMIUM	31	35	30.4	18.9			18.5		21.3		19.8		16.9	18.5			17.2	23.4
	COBALT	21	30	29	10.3			14.9		11		11.5		9.7	15.6			14.6	15.4
	COPPER	34		34	28.6			31.4		32		**37.7**		22.1	29.5			**78.4**	26.4
	LEAD	100		108.3	18.4			16.3		20.3		19.2		7.9	20.1			41.6	13.9
	MANGANESE	3650		3978	249			321		254		287		439	444			634	450
	MOLYBDENUM	14	16	16.9	3.1			3.6		3.7		3.5		4	3.6			5.5	5.7
	NICKEL	190		192	27.1			32.2		29.8		31.7		29	35.3			25.6	38
	SELENIUM	1.9	14	14.9	*0.16*			*0.13*		0.26		0.14		0.099	0.15			0.14	0.17
	SILVER	17	17	16.6	*0.15*			*0.13*		*0.13*		*0.13*		*0.084*	*0.14*			*0.11*	*0.12*
	VANADIUM	37	44	33.4	22.4			20.9		23.1		22.4		18.5	20.1			19.3	26
	ZINC	140		139.1	69.6			66.3		69.3		78.9		58.5	73.3			114	77.8
	MERCURY	1.7	2.4	2.62			0.032		0.032		0.035			0.014			0.024		0.02
PCBs	AROCLOR 1232	0.075		0.059	*0.014*	*0.014*		*0.014*		*0.014*		*0.014*	*0.014*		*0.014*	*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*	*0.01*		0.02		0.046		**0.082**	*0.01*		0.045	*0.01*		0.034	
	AROCLOR 1248	0.075		0.059	*0.0092*	*0.0092*		*0.0092*		*0.0092*		*0.0092*	*0.0092*		*0.0092*	*0.0091*		*0.0092*	
	AROCLOR 1254	0.075		0.059	**0.14**	0.016		*0.0031*		0.017		0.037	0.014		**0.094**	0.059		0.04	
	AROCLOR 1260	0.075		0.059	*0.0061*	*0.0061*		*0.0061*		*0.0061*		*0.0061*	*0.0061*		*0.0061*	*0.006*		*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*	0.032		*0.00031*		*0.00031*		*0.00031*			*0.00031*			*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*			*0.00051*		*0.00051*		*0.00051*			*0.00051*			*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*			*0.00061*		*0.00061*		*0.00061*			*0.00061*			*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		*0.00031*		*0.00031*			*0.00031*			*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*			*0.00051*		*0.00051*		*0.00051*			0.001			*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*			*0.0041*		*0.0041*		*0.0041*			*0.0041*			*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*			*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*			*0.0095*		*0.0095*		*0.0095*			*0.0095*			0.015	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*			*0.0082*		*0.0082*		*0.0081*			*0.0081*			*0.0082*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.1			0.06		0.15		0.13			0.11			0.08	
	CHRYSENE	0.55		0.52	*0.0041*			*0.0041*		*0.0041*		*0.0041*			*0.0041*			*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*			*0.0068*		*0.0068*		*0.0068*			*0.0068*			*0.0068*	
	BENZENE	0.0060		0.0058	*0.0025*			*0.0028*		*0.0033*		*0.0033*			*0.0033*			*0.003*	

Bold and boxed indicates an RG failure
Shaded cell indicates exceedence of the reliance level.
Italics indicates non-detect and the number represented is the detection limt
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Parameter Group	East Site Grids	RG		Quality Indicator	N08			N09		N10		O03		O04		O05	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-N08-080610	ES-N08-090924	ES-N08-091124	ES-N09-080610	ES-N09-090924	ES-N10-080610	ES-N10-090604	ES-O03-080528	ES-O03-090701	ES-O04-080515	ES-O04-090629	ES-O05-080520	ES-O05-090630
Metals	ALUMINUM	21000	24000	19453	14700	16700	13200	15300	15400	13700		14200		13800		15700	
	ANTIMONY	1.9		1.7	0.23	0.52	0.31	0.24	0.53	0.33		0.21		0.29		0.21	
	ARSENIC	13	30	34	**13.7**	**15.5**	**14.8**	**15.6**	**14.2**	**13.6**		11.8		12.7		12.4	
	BARIUM	210	220	233	75	112	119	93.1	120	60.1		65.5		84.1		86.8	
	BERYLLIUM	2.1		1.2	0.96	1.2	0.99	1.2	0.84	0.84		0.73		0.91		0.88	
	BORON	31	35	30	6.3	8.5	6.7	10.3	10.9	5.7		4.8		5.2		4.9	
	CADMIUM	0.57	1.3	0.56	*0.013*	0.54	0.21	*0.013*	0.61	*0.013*		*0.013*		*0.014*		*0.0097*	
	CHROMIUM	31	35	30.4	20.3	22.4	18.5	20.9	20.9	19.6		17.6		18.6		20	
	COBALT	21	30	29	7.9	17.8	12.6	11.1	13.9	8.8		12.4		13.4		12.3	
	COPPER	34		34	**45**	**39.5**	25.1	**40.2**	31.9	23.9		21.2		28		30.4	
	LEAD	100		108.3	18.5	14.7	9.6	33.6	12	33.8		16.8		14.4		16.3	
	MANGANESE	3650		3978	185	475	446	291	533	228		298		314		318	
	MOLYBDENUM	14	16	16.9	4	5.5	4.7	4	5.2	4.2		3.3		3.5		3	
	NICKEL	190		192	22	41.9	41	38.5	27.7	26.9		22.5		27.2		27.2	
	SELENIUM	1.9	14	14.9	0.37	*0.15*	*0.15*	0.23	*0.11*	0.22		*0.13*		*0.13*		*0.1*	
	SILVER	17	17	16.6	1.1	*0.14*	*0.14*	1.1	*0.11*	1		*0.12*		*0.13*		*0.089*	
	VANADIUM	37	44	33.4	23.5	23.3	18.9	23.8	21.2	22.6		20.7		20.9		21.6	
	ZINC	140		139.1	94	86.3	82.4	124	76.8	70.6		57.6		60.6		62.3	
	MERCURY	1.7	2.4	2.62		0.028	0.019		0.02		0.02		0.025		0.03		0.034
PCBs	AROCLOR 1232	0.075		0.059	*0.015*			*0.014*		*0.014*		*0.014*		*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*			*0.01*		*0.01*		*0.01*		0.074		0.062	
	AROCLOR 1248	0.075		0.059	*0.0093*			*0.0093*		*0.0093*		*0.0092*		*0.0092*		*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*			*0.0031*		*0.0031*		*0.0031*		*0.0031*		0.021	
	AROCLOR 1260	0.075		0.059	*0.0062*			*0.0062*		*0.0062*		*0.0062*		*0.0062*		*0.0062*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*			*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*	
	ALDRIN	0.01		0.0061	*0.00052*			*0.00052*		*0.00052*		*0.00051*		*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00062*			*0.00062*		*0.00062*		*0.00062*		*0.00062*		*0.00062*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.00031*		*0.00031*		*0.00031*		*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00052*			*0.00052*		*0.00052*		*0.00051*		*0.00051*		0.001	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.033			*0.0041*		*0.0041*		*0.0041*		*0.0041*		0.037	
	BENZO(A)PYRENE	0.55		0.43	0.029			*0.0069*		*0.0069*		*0.0068*		*0.0068*		0.026	
	BENZO(B)FLUORANTHENE	0.55		0.55	0.041			0.0096		*0.0096*		*0.0096*		*0.0095*		0.04	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0083*			*0.0083*		*0.0082*		*0.0082*		*0.0082*		0.012	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.054			0.041		0.082		0.12		0.12		0.44	
	CHRYSENE	0.55		0.52	0.026			*0.0041*		*0.0041*		*0.0041*		*0.0041*		0.027	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0069*			*0.0069*		*0.0069*		*0.0068*		*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0069*			*0.0069*		*0.0069*		*0.0068*		*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.003*			*0.003*		*0.0037*		*0.0028*		*0.0032*		*0.0026*	

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CVS Results from
December 16, 2010 Database

Parameter Group	East Site Grids — Analyte	RG: Tier 1 RG (mg/kg)	RG: Tier 2 RG (mg/kg)	Quality Indicator: Reliance Level (mg/kg)	O06: ES-O06-080529	O06: ES-O06-081111	O06: ES-O06-091105	O07: ES-O07-080530	O07: ES-O07-100225	O08: ES-O08-080530	O08: ES-O08-081113	O08: ES-O08-090710	O08: ES-O08-100225	O09: ES-O09-080610	O09: ES-O09-092309	O09: ES-O09-091014
Metals	ALUMINUM	21000	24000	19453	13300		16400		14900	14300			17900		14900	14800
	ANTIMONY	1.9		1.7	0.19		0.41		0.36	0.15			0.49		0.71	0.26
	ARSENIC	13	30	34	12.7		**13.9**		9.8	6.3			10.7		**15.2**	11.7
	BARIUM	210	220	233	107		104		90.4	80.9			90.7		104	112
	BERYLLIUM	2.1		1.2	0.83		1.2		0.73	0.71			0.85		0.87	1.1
	BORON	31	35	30	10.5		10		21	9.3			2		10.1	11.8
	CADMIUM	0.57	1.3	0.56	*0.012*		*0.01*		0.12	*0.011*			*0.011*		0.64	0.2
	CHROMIUM	31	35	30.4	17.2		20.8		18.9	19.2			22.1		21	22.6
	COBALT	21	30	29	10.5		13.8		10.4	11.1			10.6		15	17.3
	COPPER	34		34	21		28.5		23.5	64.4			27.8		42.1	32.8
	LEAD	100		108.3	11.1		10.5		11.3	20.8			14.3		18.5	19
	MANGANESE	3650		3978	422		460		432	544			334		478	549
	MOLYBDENUM	14	16	16.9	3.5		3.3		4.8	4.1			4.5		5.7	6.2
	NICKEL	190		192	32.7		38.7		30.7	27.8			33		38.1	43.6
	SELENIUM	1.9	14	14.9	*0.098*		*0.11*		*0.24*	0.34			0.17		*0.14*	0.35
	SILVER	17	17	16.6	*0.11*		*0.094*		*0.078*	*0.1*			*0.1*		*0.12*	*0.11*
	VANADIUM	37	44	33.4	18.8		21.9		19.9	21.1			24.7		20.5	24.2
	ZINC	140		139.1	52.6		72.4		65.1	102			76.1		98.8	88.9
	MERCURY	1.7	2.4	2.62			0.025		0.016			0.022	0.025		0.032	0.024
PCBs	AROCLOR 1232	0.075		0.059	*0.014*	*0.014*	*0.014*	*0.014*	*0.014*	*0.014*				*0.014*	*0.014*	
	AROCLOR 1242	0.075		0.059	0.1	0.083	*0.01*	0.21	*0.01*	*0.01*				0.15	*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*	*0.0092*	*0.0092*	*0.0091*	*0.009*	*0.0092*				*0.0093*	*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0031*	*0.0031*	*0.0031*	0.052	*0.003*	*0.0031*				0.21	0.055	
	AROCLOR 1260	0.075		0.059	*0.0061*	*0.0061*	*0.0062*	*0.0061*	*0.006*	*0.0061*				*0.0062*	*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*			*0.0003*		*0.00031*				*0.00031*		
	ALDRIN	0.01		0.0061	*0.00051*			*0.00051*		*0.00051*				*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00061*			*0.00061*		*0.00061*				*0.00062*		
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*			*0.0003*		*0.00031*				*0.00031*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	0.001			0.002		*0.00051*				*0.00051*		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*			*0.0041*		*0.0041*				*0.0041*		
	BENZO(A)PYRENE	0.55		0.43	*0.0068*			*0.0068*		*0.0068*				*0.0068*		
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*			*0.0095*		*0.0095*				*0.0096*		
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0081*			*0.0081*		*0.0081*				*0.0082*		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.14			0.11		0.096				0.045		
	CHRYSENE	0.55		0.52	*0.0041*			*0.0041*		*0.0041*				*0.0041*		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		*0.0068*				*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*			*0.0068*		*0.0068*				*0.0068*		
	BENZENE	0.0060		0.0058	*0.0047*			*0.003*		0.0066	*0.00036*			*0.0032*		

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Parameter Group	East Site Grids	RG		Quality Indicator	O10				P04		P05		P06	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-O10-080611	ES-O10-092309	ES-O10-091014	ES-O10-091123	ES-P04-080528	ES-P04-090610	ES-P05-080513	ES-P05-090701	ES-P06-080515	ES-P06-090611
Metals	ALUMINUM	21000	24000	19453		13700	14200	12100	14600		14200		12700	
	ANTIMONY	1.9		1.7		0.57	0.41	0.3	0.29		0.23		0.23	
	ARSENIC	13	30	34		**16.4**	**14**	12	**13.2**		12.4		**13.8**	
	BARIUM	210	220	233		86.2	86.4	71.3	68.3		105		102	
	BERYLLIUM	2.1		1.2		0.76	0.99	0.66	0.79		0.98		0.86	
	BORON	31	35	30		10.8	14.3	7.8	8.1		5.8		5.6	
	CADMIUM	0.57	1.3	0.56		0.83	0.95	0.23	*0.013*		*0.015*		*0.014*	
	CHROMIUM	31	35	30.4		18.7	20.6	15.7	18.5		18.6		17.5	
	COBALT	21	30	29		12.3	12.5	9.6	11.4		13.6		13	
	COPPER	34		34		43.1	77.1	23.7	27.8		24.3		24.1	
	LEAD	100		108.3		14.9	59.6	9.1	16.5		12.7		12.1	
	MANGANESE	3650		3978		439	524	457	290		406		442	
	MOLYBDENUM	14	16	16.9		5.3	5.9	4.8	2.8		2.7		3.5	
	NICKEL	190		192		35.8	37.6	27.8	27.2		37.4		36.5	
	SELENIUM	1.9	14	14.9		*0.15*	0.52	0.35	*0.11*		*0.13*		*0.12*	
	SILVER	17	17	16.6		*0.13*	*0.092*	*0.081*	*0.12*		*0.14*		*0.13*	
	VANADIUM	37	44	33.4		18.3	23.5	16.2	19.9		19.8		17.9	
	ZINC	140		139.1		139	362	76.3	63.6		67		61.7	
	MERCURY	1.7	2.4	2.62		0.024	0.039	0.017		0.025		0.02		0.02
PCBs	AROCLOR 1232	0.075		0.059	*0.014*	*0.014*			*0.014*		*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	*0.01*	*0.01*			0.017		*0.01*		0.074	
	AROCLOR 1248	0.075		0.059	*0.0091*	*0.0091*			*0.0092*		*0.0092*		*0.0092*	
	AROCLOR 1254	0.075		0.059	0.18	*0.003*			*0.0031*		*0.0031*		*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.0061*	*0.0061*			*0.0061*		*0.0061*		*0.00612*	
Pesticides	4,4'-DDE	0.16		0.134	*0.0003*				*0.00031*		*0.00031*		*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*				*0.00051*		*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*				*0.00061*		*0.00061*		*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.0003*				*0.00031*		*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*				*0.00051*		*0.00051*		0.001	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	0.039				*0.0041*		*0.0041*		*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	0.031				*0.0068*		*0.0068*		*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	0.054				*0.0095*		*0.0095*		*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54	0.026				*0.0082*		*0.0081*		*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.074				0.094		0.2		0.27	
	CHRYSENE	0.55		0.52	0.061				*0.0041*		*0.0041*		*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*				*0.0068*		*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*				*0.0068*		*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.0039*				*0.0037*		*0.0029*		*0.003*	

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Parameter Group	East Site Grids	RG		Quality Indicator	P07						P08			P10			P11	
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-P07-080519	ES-P07-091022	ES-P07-100224	ES-P07-100506	ES-P07-100611	ES-P07-100818	ES-P08-080530	ES-P08-081113	ES-P08-090630	ES-P10-080606	ES-P10-092309	ES-P10-091014	ES-P11-080606	ES-P11-092309
Metals	ALUMINUM	21000	24000	19453	12800	14100					13800			12600	15000	14800	11400	13900
	ANTIMONY	1.9		1.7	0.18	0.16					0.18			0.38	0.59	0.19	0.36	0.17
	ARSENIC	13	30	34	**13.1**	**14.9**					11.2			12.8	**14.8**	13	12.1	**15.2**
	BARIUM	210	220	233	111	84.4					61.6			84.2	94.9	99.3	82.2	92.7
	BERYLLIUM	2.1		1.2	0.79	0.72					0.65			0.99	0.84	1.1	0.94	0.78
	BORON	31	35	30	11.8	2.3					3.4			15	16.3	14.8	18.6	22.1
	CADMIUM	0.57	1.3	0.56	0.11	0.17					*0.012*			0.028	0.62	0.23	0.043	0.56
	CHROMIUM	31	35	30.4	18.6	17.6					19.3			18.8	19.8	21.8	17.4	19.7
	COBALT	21	30	29	13.4	11.1					9.1			11.9	14	13.9	12.2	12.5
	COPPER	34		34	28.9	27.7					27.4			**43.4**	**36.5**	33.4	**50.2**	32.9
	LEAD	100		108.3	14.9	8.8					15.8			40.4	12.6	16.8	41.8	11.4
	MANGANESE	3650		3978	430	386					336			383	510	474	422	452
	MOLYBDENUM	14	16	16.9	3.7	4.9					3.8			3.9	5.4	5.5	3.8	5.5
	NICKEL	190		192	39.6	27.7					22.7			34.9	34.7	37.6	32.5	34.1
	SELENIUM	1.9	14	14.9	*0.18*	*0.1*					0.35			*0.12*	*0.12*	*0.1*	*0.12*	*0.15*
	SILVER	17	17	16.6	*0.18*	*0.095*					*0.11*			0.95	*0.097*	*0.084*	0.99	*0.13*
	VANADIUM	37	44	33.4	20.1	19.4					20.6			19.3	20.2	24.2	18.4	20.8
	ZINC	140		139.1	75	57.4					61.8			92.8	80.9	75.2	95.2	74.1
	MERCURY	1.7	2.4	2.62		0.015							0.026		0.024	0.017		0.016
PCBs	AROCLOR 1232	0.075		0.059	***0.14***	***0.28***	*0.014*	***7.1***	*0.014*		*0.014*			*0.014*			*0.014*	
	AROCLOR 1242	0.075		0.059	**4.2**	**8.9**	**16**	**78**	*0.01*		0.05			*0.01*			*0.01*	
	AROCLOR 1248	0.075		0.059	***0.092***	***0.18***	*0.0091*	***4.6***	*0.0092*		*0.0092*			*0.0092*			*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.031*	0.061	*0.003*	***1.5***	*0.0031*		*0.0031*			0.052			*0.0031*	
	AROCLOR 1260	0.075		0.059	0.061	***0.12***	**0.52**	**2**	*0.0061*		*0.0061*			*0.0062*			0.041	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*					*0.00031*	*0.00031*			*0.00031*			*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*					*0.00051*	*0.00051*			*0.00051*			*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*					*0.00062*	*0.00061*			*0.00062*			*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*					*0.00031*	*0.00031*			*0.00031*			*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	**0.038**					*0.00051*	0.001			*0.00051*			*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*						*0.0041*			*0.0041*			*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*						*0.0068*			*0.0068*			*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*						*0.0095*			*0.0096*			0.012	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*						*0.0082*			*0.0082*			*0.0082*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.3399796						0.12			0.052			0.1	
	CHRYSENE	0.55		0.52	*0.0041*						*0.0041*			*0.0041*			*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*						*0.0068*			*0.0068*			*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*						*0.0068*			*0.0068*			*0.0068*	
	BENZENE	0.0060		0.0058	*0.0031*						0.022	*0.00032*		*0.0028*			*0.0029*	

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A shaded column indicate an excavation event occured between sampling

CVS Results from
December 16, 2010 Database

Parameter Group	East Site Grids	RG		Quality Indicator	Q05			Q06		Q07				Q08		
	Analyte	Tier 1 RG (mg/kg)	Tier 2 RG (mg/kg)	Reliance Level (mg/kg)	ES-Q05-080520	ES-Q05-090320	ES-Q05-091105	ES-Q06-080520	ES-Q06-091021	ES-Q07-080519	ES-Q07-091021	ES-Q07-091228	ES-Q07-100818	ES-Q08-080519	ES-Q08-091021	ES-Q08-091228
Metals	ALUMINUM	21000	24000	19453	13300		16100		15800		16500	17100			18800	19500
	ANTIMONY	1.9		1.7	0.95		0.63		0.17		0.1	0.28			0.22	0.24
	ARSENIC	13	30	34	12.9		12.6		**16.3**		**16.7**	**14**			**14.9**	**15**
	BARIUM	210	220	233	67.7		104		103		111	140			83.4	106
	BERYLLIUM	2.1		1.2	0.68		1.1		0.89		0.98	1.4			0.87	0.92
	BORON	31	35	30	5.1		13.7		*2*		*1.9*	27.5			*2.1*	21.6
	CADMIUM	0.57	1.3	0.56	0.22		0.15		*0.012*		*0.011*	0.69			*0.012*	0.68
	CHROMIUM	31	35	30.4	19.8		20.7		19.7		19.9	20.5			21.6	21.4
	COBALT	21	30	29	13.1		15.7		16.3		16.6	14.7			14.1	12.9
	COPPER	34		34	**34.6**		27.9		33.9		**34.1**	26			**34.4**	25.5
	LEAD	100		108.3	19.1		11.1		10.7		10.4	10.6			10.6	10.7
	MANGANESE	3650		3978	321		468		443		491	437			333	307
	MOLYBDENUM	14	16	16.9	5		5.6		3.8		4	3.4			4.9	3.8
	NICKEL	190		192	57.7		45.5		35.5		20.5	34.9			30.6	29.5
	SELENIUM	1.9	14	14.9	*0.15*		0.3		*0.11*		*0.12*	*0.25*			0.34	0.15
	SILVER	17	17	16.6	*0.13*		*0.095*		*0.11*		*0.1*	0.097			*0.11*	*0.098*
	VANADIUM	37	44	33.4	19.8		21.4		21.3		21.7	27.3			24.8	29.3
	ZINC	140		139.1	80.1		74.7		65		67.5	68.3			63.4	66
	MERCURY	1.7	2.4	2.62	*0.014*		0.021		0.019		0.02	0.02			0.03	0.03
PCBs	AROCLOR 1232	0.075		0.059	**0.13**	*0.014*		*0.014*	*0.014*	0.071	*0.014*			*0.014*	*0.014*	
	AROCLOR 1242	0.075		0.059	*0.0092*	0.063		**0.19**	*0.01*	**2.24**	*0.01*			**0.56**	*0.01*	
	AROCLOR 1248	0.075		0.059	**0.11**	*0.0092*		*0.0092*	*0.0092*	*0.046*	*0.0092*			*0.0091*	*0.0092*	
	AROCLOR 1254	0.075		0.059	*0.0061*	0.055		0.057	*0.0031*	*0.015*	*0.0031*			**0.27**	*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.00031*	*0.0061*		*0.0061*	*0.0061*	*0.031*	*0.0061*			*0.0061*	*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00051*			*0.00031*		*0.00031*			*0.00031*	*0.0003*		
	ALDRIN	0.01		0.0061	*0.00061*			*0.00051*		*0.00051*			*0.00052*	*0.00051*		
	ALPHA-BHC	0.003		0.00091	*0.00031*			*0.00061*		*0.00061*			*0.00062*	*0.00061*		
	GAMMA-CHLORDANE	0.083		0.07	0.0041			0.0061		*0.00031*			*0.00031*	*0.0003*		
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.0041*			0.002		**0.024**			*0.00052*	0.0072		
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0068*			0.034		*0.0041*				0.1		
	BENZO(A)PYRENE	0.55		0.43	*0.0095*			0.028		*0.0068*				0.089		
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0082*			0.043		*0.0095*				0.13		
	BENZO(K)FLUORANTHENE	0.55		0.54	0.18			*0.0081*		*0.0081*				0.045		
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	*0.0041*			0.37		0.15				0.31		
	CHRYSENE	0.55		0.52	*0.0068*			0.037		*0.0041*				0.1		
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*			*0.0068*		*0.0068*				*0.0068*		
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	0.034			*0.0068*		*0.0068*				0.039		
	BENZENE	0.0060		0.0058	*0.0042*			*0.0024*		*0.0032*				*0.0027*		
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CVS Results from
December 16, 2010 Database

Parameter Group	East Site Grids / Analyte	RG: Tier 1 RG (mg/kg)	RG: Tier 2 RG (mg/kg)	Quality Indicator: Reliance Level (mg/kg)	Q09: ES-Q09-080612	Q09: ES-Q09-090630	Q10: ES-Q10-080606	Q10: ES-Q10-092309	Q10: ES-Q10-091123	Q11: ES-Q11-080606	Q11: ES-Q11-090605	Q17: ES-Q17-080609	Q17: ES-Q17-090612
Metals	ALUMINUM	21000	24000	19453	14300		18800	16300	16100	16000		11800	
	ANTIMONY	1.9		1.7	0.27		0.37	0.8	0.33	0.26		0.23	
	ARSENIC	13	30	34	**13.2**		**14.5**	**15.3**	11.8	**13.3**		12.5	
	BARIUM	210	220	233	79		80.2	108	95.6	99.5		60.4	
	BERYLLIUM	2.1		1.2	0.8		0.95	1.2	0.82	0.87		0.5	
	BORON	31	35	30	5.3		8.4	21.4	7.5	13.5		6.2	
	CADMIUM	0.57	1.3	0.56	*0.012*		0.26	0.64	*0.016*	0.32		0.17	
	CHROMIUM	31	35	30.4	18.2		22.7	21.7	23.6	20.3		16.1	
	COBALT	21	30	29	12.6		15	14.8	11.1	13.1		8.6	
	COPPER	34		34	27.4		**56.8**	**3910**	21.8	25		20.6	
	LEAD	100		108.3	14.7		35.1	85.3	11.2	25.4		34.8	
	MANGANESE	3650		3978	350		475	487	346	501		363	
	MOLYBDENUM	14	16	16.9	3.8		4.2	5.3	4.3	4		4.2	
	NICKEL	190		192	26.2		34.1	43.7	29.4	37.8		21.7	
	SELENIUM	1.9	14	14.9	0.3		0.21	0.14	0.47	0.1		0.23	
	SILVER	17	17	16.6	*0.11*		1.1	*0.12*	*0.15*	1.1		*0.15*	
	VANADIUM	37	44	33.4	19.9		34.9	23	24.2	28.2		21.2	
	ZINC	140		139.1	60.5		78.8	**527**	69	61		69.7	
	MERCURY	1.7	2.4	2.62		0.029		0.021	0.026		0.017		0.021
PCBs	AROCLOR 1232	0.075		0.059	*0.014*		*0.014*			*0.014*		*0.014*	
	AROCLOR 1242	0.075		0.059	0.018		*0.01*			*0.01*		*0.01*	
	AROCLOR 1248	0.075		0.059	*0.0092*		*0.0092*			*0.0092*		*0.0092*	
	AROCLOR 1254	0.075		0.059	0.014		*0.0031*			*0.0031*		*0.0031*	
	AROCLOR 1260	0.075		0.059	*0.0061*		*0.0062*			*0.0061*		*0.0061*	
Pesticides	4,4'-DDE	0.16		0.134	*0.00031*		*0.00031*			*0.00031*		*0.00031*	
	ALDRIN	0.01		0.0061	*0.00051*		*0.00051*			*0.00051*		*0.00051*	
	ALPHA-BHC	0.003		0.00091	*0.00061*		*0.00062*			*0.00061*		*0.00061*	
	GAMMA-CHLORDANE	0.083		0.07	*0.00031*		*0.00031*			*0.00031*		*0.00031*	
	HEPTACHLOR EPOXIDE	0.011		0.0084	*0.00051*		*0.00051*			*0.00051*		*0.00051*	
Semivolatile Organics	BENZO(A)ANTHRACENE	0.55		0.48	*0.0041*		0.14			*0.0041*		*0.0041*	
	BENZO(A)PYRENE	0.55		0.43	*0.0068*		0.14			*0.0068*		*0.0068*	
	BENZO(B)FLUORANTHENE	0.55		0.55	*0.0095*		0.15			*0.0095*		*0.0095*	
	BENZO(K)FLUORANTHENE	0.55		0.54	*0.0082*		0.072			*0.0082*		*0.0081*	
	BIS(2-ETHYLHEXYL) PHTHALATE	0.55		0.52	0.039		0.098			0.065		0.054	
	CHRYSENE	0.55		0.52	*0.0041*		0.14			*0.0041*		*0.0041*	
	DIBENZ(A,H)ANTHRACENE	0.55		0.54	*0.0068*		*0.0068*			*0.0068*		*0.0068*	
	INDENO(1,2,3-CD)PYRENE	0.55		0.48	*0.0068*		0.081			*0.0068*		*0.0068*	
	BENZENE	0.0060		0.0058	*0.0032*		*0.0034*			*0.0034*		*0.0032*	

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