

Summary Report - Sediment Chemistry after a Major Storm 6 July 2012

Analysis Description				Moisture Content (dried @ 103°C)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc
UNIT				%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.1	0.5	0.02	0.05	0.05	0.05	0.05	0.05	0.05	5
Sample Description													
Location	Replicate No	Date of sampling	ALS WO No										
RNA	REPLICATE 1	06/07/2012	HK1217336001	47.6	14.0	0.12	42.4	34.7	36.6	0.09	23.6	0.28	110
RNA	REPLICATE 2	06/07/2012	HK1217336002	47.1	14.0	0.11	40.9	33.5	36.2	0.09	23.2	0.28	109
RNA	REPLICATE 3	06/07/2012	HK1217336003	46.0	12.7	0.10	35.8	30.6	33.2	0.08	20.3	0.24	98
RNA	REPLICATE 4	06/07/2012	HK1217336004	45.9	13.5	0.12	41.4	33.4	36.0	0.10	22.7	0.26	106
RNA	REPLICATE 5	06/07/2012	HK1217336005	47.3	14.4	0.13	44.7	37.3	38.7	0.11	24.2	0.29	112
RNA	REPLICATE 6	06/07/2012	HK1217336006	45.4	14.1	0.14	42.1	33.9	37.5	0.09	23.2	0.30	109
RNA	REPLICATE 7	06/07/2012	HK1217336007	49.8	12.5	0.14	35.8	34.0	36.6	0.09	23.8	0.27	106
RNA	REPLICATE 8	06/07/2012	HK1217336008	47.4	12.6	0.12	35.3	31.2	34.8	0.08	22.0	0.26	105
RNA	REPLICATE 9	06/07/2012	HK1217336009	48.1	12.7	0.12	39.0	31.7	33.9	0.09	22.0	0.26	104
RNA	REPLICATE 10	06/07/2012	HK1217336010	47.0	11.9	0.12	37.8	30.4	33.0	0.09	20.9	0.30	98
RNA	REPLICATE 11	06/07/2012	HK1217336011	46.2	12.6	0.12	41.0	32.7	34.7	0.09	23.2	0.57	109
RNA	REPLICATE 12	06/07/2012	HK1217336012	46.2	13.2	0.13	43.5	34.0	37.4	0.09	23.1	0.30	105
RNB	REPLICATE 1	06/07/2012	HK1217336013	45.3	11.5	0.09	34.6	15.8	29.0	0.06	21.5	0.12	79
RNB	REPLICATE 2	06/07/2012	HK1217336014	46.1	13.1	0.10	42.4	17.0	31.3	0.07	23.6	0.13	84
RNB	REPLICATE 3	06/07/2012	HK1217336015	48.2	11.9	0.09	36.2	14.7	31.1	<0.05	21.4	0.12	82
RNB	REPLICATE 4	06/07/2012	HK1217336016	43.6	12.8	0.09	39.9	14.6	29.8	0.06	20.7	0.12	79
RNB	REPLICATE 5	06/07/2012	HK1217336017	48.2	12.6	0.11	44.1	17.1	32.7	0.06	24.2	0.13	88
RNB	REPLICATE 6	06/07/2012	HK1217336018	45.8	12.5	0.10	41.8	16.1	30.5	0.06	22.2	0.13	84
RNB	REPLICATE 7	06/07/2012	HK1217336019	47.3	13.3	0.11	33.5	16.4	29.8	0.07	21.2	0.12	83
RNB	REPLICATE 8	06/07/2012	HK1217336020	47.4	13.5	0.11	42.4	16.6	31.0	0.07	22.9	0.12	85
RNB	REPLICATE 9	06/07/2012	HK1217336021	45.6	11.5	0.11	31.9	14.6	28.9	0.11	19.0	0.13	76
RNB	REPLICATE 10	06/07/2012	HK1217336022	46.2	12.1	0.13	33.6	15.8	29.7	0.12	19.9	0.15	79
RNB	REPLICATE 11	06/07/2012	HK1217336023	45.6	11.3	0.10	32.2	14.2	28.7	0.10	19.2	0.12	75
RNB	REPLICATE 12	06/07/2012	HK1217336024	44.9	11.3	0.11	33.3	14.7	29.5	0.09	19.9	0.12	78
RMA	REPLICATE 1	06/07/2012	HK1217336025	55.0	18.0	0.25	56.0	51.7	49.1	0.19	31.8	0.43	141
RMA	REPLICATE 2	06/07/2012	HK1217336026	56.5	15.6	0.19	46.4	44.4	45.7	0.20	28.1	0.43	132
RMA	REPLICATE 3	06/07/2012	HK1217336027	54.3	15.3	0.21	47.2	41.6	42.5	0.20	29.0	0.37	126
RMA	REPLICATE 4	06/07/2012	HK1217336028	56.1	15.6	0.18	44.9	41.1	42.0	0.20	29.0	0.37	124
RMA	REPLICATE 5	06/07/2012	HK1217336029	56.2	14.6	0.16	47.0	42.1	42.4	0.22	28.3	0.36	124
RMA	REPLICATE 6	06/07/2012	HK1217336030	54.7	16.7	0.20	52.6	47.9	45.1	0.21	30.7	0.38	136
RMA	REPLICATE 7	06/07/2012	HK1217336031	56.0	15.1	0.18	51.2	43.0	45.6	0.21	30.7	0.40	132
RMA	REPLICATE 8	06/07/2012	HK1217336032	56.9	16.4	0.18	52.7	45.9	45.8	0.22	31.8	0.40	136
RMA	REPLICATE 9	06/07/2012	HK1217336033	56.3	16.9	0.19	51.6	46.2	45.4	0.22	31.5	0.40	134
RMA	REPLICATE 10	06/07/2012	HK1217336034	56.2	15.3	0.18	45.6	42.4	42.9	0.22	28.7	0.38	125
RMA	REPLICATE 11	06/07/2012	HK1217336035	57.0	17.7	0.22	54.6	49.5	47.8	0.24	32.1	0.42	140
RMA	REPLICATE 12	06/07/2012	HK1217336036	56.6	16.6	0.20	51.6	45.2	45.3	0.22	30.3	0.39	133

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Analysis Description				Moisture Content (dried @ 103°C)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc
UNIT				%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.1	0.5	0.02	0.05	0.05	0.05	0.05	0.05	0.05	5
Sample Description													
Location	Replicate No	Date of sampling	ALS WO No										
RMB	REPLICATE 1	06/07/2012	HK1217336037	52.1	14.4	0.14	40.0	35.0	40.4	0.21	25.6	0.40	113
RMB	REPLICATE 2	06/07/2012	HK1217336038	53.1	14.5	0.15	43.6	38.3	42.5	0.22	27.4	0.44	124
RMB	REPLICATE 3	06/07/2012	HK1217336039	51.4	14.0	0.14	38.2	34.0	38.3	0.20	23.9	0.39	109
RMB	REPLICATE 4	06/07/2012	HK1217336040	53.0	14.7	0.16	40.7	34.9	39.6	0.20	25.0	0.42	115
RMB	REPLICATE 5	06/07/2012	HK1217336041	50.9	15.8	0.15	42.3	37.2	37.2	0.16	26.6	0.38	117
RMB	REPLICATE 6	06/07/2012	HK1217336042	52.7	15.5	0.16	40.4	36.8	37.3	0.17	25.8	0.39	114
RMB	REPLICATE 7	06/07/2012	HK1217336043	51.6	14.8	0.14	39.6	36.1	37.8	0.17	25.1	0.38	114
RMB	REPLICATE 8	06/07/2012	HK1217336044	52.6	14.7	0.13	41.5	37.3	38.2	0.16	26.0	0.42	115
RMB	REPLICATE 9	06/07/2012	HK1217336045	52.8	14.2	0.14	41.7	37.5	38.4	0.16	26.5	0.39	116
RMB	REPLICATE 10	06/07/2012	HK1217336046	53.6	16.0	0.14	43.1	38.2	39.0	0.19	26.8	0.39	118
RMB	REPLICATE 11	06/07/2012	HK1217336047	52.6	13.5	0.14	38.6	35.1	36.6	0.21	24.4	0.38	108
RMB	REPLICATE 12	06/07/2012	HK1217336048	50.8	13.3	0.13	38.1	34.6	34.2	0.16	24.0	0.36	104
RCA	REPLICATE 1	06/07/2012	HK1217336049	54.1	15.2	0.12	46.3	39.8	41.6	0.19	29.6	0.31	123
RCA	REPLICATE 2	06/07/2012	HK1217336050	58.1	16.7	0.14	50.0	41.6	43.0	0.19	31.8	0.30	130
RCA	REPLICATE 3	06/07/2012	HK1217336051	56.2	15.9	0.13	46.9	38.9	40.4	0.18	29.1	0.28	122
RCA	REPLICATE 4	06/07/2012	HK1217336052	57.0	17.0	0.14	48.1	41.2	42.2	0.18	30.8	0.30	128
RCA	REPLICATE 5	06/07/2012	HK1217336053	55.5	13.6	0.14	49.9	40.8	43.6	0.15	30.9	0.31	131
RCA	REPLICATE 6	06/07/2012	HK1217336054	56.5	16.5	0.13	47.8	39.3	41.5	0.21	30.3	0.31	124
RCA	REPLICATE 7	06/07/2012	HK1217336055	55.4	16.1	0.13	49.1	41.8	51.3	0.18	31.2	0.32	128
RCA	REPLICATE 8	06/07/2012	HK1217336056	56.0	15.8	0.12	46.6	37.9	41.9	0.21	29.5	0.29	121
RCA	REPLICATE 9	06/07/2012	HK1217336057	56.6	15.8	0.15	49.9	42.7	44.3	0.19	31.7	0.34	130
RCA	REPLICATE 10	06/07/2012	HK1217336058	59.0	16.4	0.14	49.2	42.1	42.0	0.18	31.5	0.31	129
RCA	REPLICATE 11	06/07/2012	HK1217336059	57.1	15.7	0.12	47.6	39.8	42.8	0.19	30.1	0.32	125
RCA	REPLICATE 12	06/07/2012	HK1217336060	58.0	16.8	0.15	50.1	42.0	44.0	0.18	31.8	0.32	129
RCB	REPLICATE 1	06/07/2012	HK1217336061	51.4	14.2	0.14	41.0	34.9	37.1	0.16	25.9	0.31	106
RCB	REPLICATE 2	06/07/2012	HK1217336062	50.9	14.4	0.13	41.7	35.2	37.9	0.16	26.7	0.29	107
RCB	REPLICATE 3	06/07/2012	HK1217336063	48.3	13.8	0.13	40.8	34.6	36.5	0.18	25.8	0.30	105
RCB	REPLICATE 4	06/07/2012	HK1217336064	47.8	15.2	0.15	40.7	35.7	38.2	0.18	26.8	0.30	109
RCB	REPLICATE 5	06/07/2012	HK1217336065	47.9	12.7	0.14	36.0	31.2	33.8	0.14	23.4	0.26	94
RCB	REPLICATE 6	06/07/2012	HK1217336066	45.8	15.6	0.13	41.5	36.3	38.7	0.18	26.6	0.30	111
RCB	REPLICATE 7	06/07/2012	HK1217336067	48.4	14.7	0.14	39.4	33.8	37.0	0.18	25.0	0.30	104
RCB	REPLICATE 8	06/07/2012	HK1217336068	48.0	14.8	0.13	39.2	33.1	36.3	0.20	25.6	0.29	102
RCB	REPLICATE 9	06/07/2012	HK1217336069	48.5	15.0	0.15	41.2	35.2	37.4	0.19	25.9	0.37	109
RCB	REPLICATE 10	06/07/2012	HK1217336070	48.8	15.9	0.14	42.7	37.6	37.7	0.21	27.7	0.33	113
RCB	REPLICATE 11	06/07/2012	HK1217336071	51.7	15.9	0.15	44.1	33.0	39.8	0.22	27.8	0.33	121
RCB	REPLICATE 12	06/07/2012	HK1217336072	50.1	15.8	0.16	43.2	35.7	40.0	0.18	28.0	0.32	113

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UNIT				%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.1	0.5	0.02	0.05	0.05	0.05	0.05	0.05	0.05	5
Sample Description													
Location	Replicate No	Date of sampling	ALS WO No										
RFA	REPLICATE 1	06/07/2012	HK1217336073	50.1	16.1	0.19	40.6	42.1	37.0	0.28	24.4	0.35	116
RFA	REPLICATE 2	06/07/2012	HK1217336074	51.3	15.5	0.17	41.3	42.4	37.0	0.18	24.5	0.35	114
RFA	REPLICATE 3	06/07/2012	HK1217336075	51.3	15.2	0.17	38.5	38.6	34.7	0.17	23.0	0.32	108
RFA	REPLICATE 4	06/07/2012	HK1217336076	50.9	16.4	0.17	42.4	43.6	36.3	0.17	24.9	0.38	114
RFA	REPLICATE 5	06/07/2012	HK1217336077	51.1	15.9	0.20	41.8	42.4	36.7	0.19	25.2	0.34	116
RFA	REPLICATE 6	06/07/2012	HK1217336078	50.7	15.9	0.17	40.7	40.9	35.8	0.16	24.0	0.34	112
RFA	REPLICATE 7	06/07/2012	HK1217336079	48.1	14.8	0.16	38.9	36.9	35.8	0.18	23.0	0.31	108
RFA	REPLICATE 8	06/07/2012	HK1217336080	50.2	16.1	0.18	41.8	41.3	38.3	0.18	24.7	0.35	114
RFA	REPLICATE 9	06/07/2012	HK1217336081	51.8	16.8	0.22	41.5	43.2	38.7	0.12	24.8	0.36	121
RFA	REPLICATE 10	06/07/2012	HK1217336082	50.3	15.5	0.20	39.8	41.0	37.2	0.09	23.3	0.33	116
RFA	REPLICATE 11	06/07/2012	HK1217336083	50.7	15.6	0.21	40.2	41.3	38.1	0.13	23.6	0.36	118
RFA	REPLICATE 12	06/07/2012	HK1217336084	49.8	13.7	0.20	36.6	36.2	34.6	0.10	21.7	0.32	110
RFB	REPLICATE 1	06/07/2012	HK1217336085	56.2	17.9	0.18	50.7	36.4	45.1	0.13	32.2	0.25	132
RFB	REPLICATE 2	06/07/2012	HK1217336086	56.5	18.9	0.19	47.5	33.2	43.9	0.13	30.2	0.22	121
RFB	REPLICATE 3	06/07/2012	HK1217336087	55.7	17.8	0.19	49.8	36.4	46.5	0.13	31.5	0.23	132
RFB	REPLICATE 4	06/07/2012	HK1217336088	56.0	16.5	0.19	47.5	35.0	44.5	0.12	30.3	0.24	126
RFB	REPLICATE 5	06/07/2012	HK1217336089	57.8	18.0	0.17	47.9	34.2	43.4	0.14	30.7	0.22	124
RFB	REPLICATE 6	06/07/2012	HK1217336090	55.1	16.9	0.19	47.2	34.3	43.2	0.12	30.2	0.22	123
RFB	REPLICATE 7	06/07/2012	HK1217336091	55.0	17.2	0.20	48.4	35.0	44.3	0.14	30.7	0.23	124
RFB	REPLICATE 8	06/07/2012	HK1217336092	56.8	16.4	0.20	47.7	35.2	45.9	0.14	30.5	0.21	126
RFB	REPLICATE 9	06/07/2012	HK1217336093	55.2	15.3	0.19	49.3	36.8	47.6	0.14	31.8	0.25	132
RFB	REPLICATE 10	06/07/2012	HK1217336094	59.7	17.2	0.21	48.9	36.9	47.4	0.14	31.6	0.24	130
RFB	REPLICATE 11	06/07/2012	HK1217336095	56.9	16.5	0.18	46.3	33.9	44.5	0.12	29.2	0.22	122
RFB	REPLICATE 12	06/07/2012	HK1217336096	53.9	15.6	0.18	46.7	33.9	45.1	0.14	29.5	0.23	125
MW1	REPLICATE 1	06/07/2012	HK1217336097	56.8	8.2	0.20	47.8	51.3	46.7	0.16	28.0	0.67	142
MW1	REPLICATE 2	06/07/2012	HK1217336098	58.5	9.4	0.18	49.0	51.9	47.3	0.15	28.9	0.70	148
MW1	REPLICATE 3	06/07/2012	HK1217336099	58.9	10.3	0.19	51.4	54.0	49.2	0.16	29.6	0.71	149
MW1	REPLICATE 4	06/07/2012	HK1217336100	57.6	8.8	0.17	47.5	50.8	46.2	0.17	27.9	0.66	143
MW1	REPLICATE 5	06/07/2012	HK1217336101	59.1	10.9	0.19	46.7	50.6	45.6	0.14	27.6	0.63	142
MW1	REPLICATE 6	06/07/2012	HK1217336102	57.4	11.5	0.17	46.8	50.2	45.4	0.14	27.5	0.67	140
MW1	REPLICATE 7	06/07/2012	HK1217336103	58.3	11.1	0.18	48.4	51.6	46.2	0.14	28.3	0.68	144
MW1	REPLICATE 8	06/07/2012	HK1217336104	58.8	11.7	0.18	48.1	51.2	46.8	0.15	28.0	0.67	142
MW1	REPLICATE 9	06/07/2012	HK1217336105	57.6	10.9	0.19	48.1	52.2	47.9	0.14	28.0	0.66	143
MW1	REPLICATE 10	06/07/2012	HK1217336106	59.0	10.4	0.16	47.2	51.4	46.4	0.15	27.3	0.66	141
MW1	REPLICATE 11	06/07/2012	HK1217336107	57.8	10.3	0.17	46.2	50.7	46.6	0.13	27.4	0.67	141
MW1	REPLICATE 12	06/07/2012	HK1217336108	56.6	10.1	0.19	47.0	51.9	47.9	0.15	27.6	0.70	143
MW1	FIELD DUPLICATE 1	06/07/2012	HK1217336109	58.0	11.0	0.18	49.4	52.7	48.9	0.14	28.8	0.71	147