APPENDIX A - HISTORICAL SEDIMENT INVESTIGATIONS AND HISTORICAL SEDIMENT SAMPLING LOCATIONS (LWG AND OTHER STUDIES)

FIELD AND DATA REPORT

DOWNTOWN PORTLAND SEDIMENT CHARACTERIZATION

WILLAMETTE RIVER PORTLAND, OREGON

JANUARY 2009

	Sample				Junuary 200
Year	Location	Client	Task Description	Analyte Group(s)	Method(s)
	Prefix				
1987-1988	PGERAP88	Hart Crowser, Inc.	Portland General Electric RA Plan Station L	Aroclors	Unknown
1988-1989		EPA	Columbia Basin Contaminant Data	Conventionals, Metals, ,Pesticides, PAHs, PCB Congeners, SVOCs	SW8080, SW8270, Unknown
1992	WBWRIR98	USGS	USGS - Bonn	Conventionals, Dioxins & Furans, Dioxin & Furan Homologs	SW8290, Unknown
1994	WRSTRM94	EPA	Characterization of Stormwater Outfalls	Aroclors, Conventionals, Metals, Pesticides, Phenols, Phthalates, PAHs, SVOCs, VOCs	E160.3M, SW6010A, SW7060, SW7471, SW7740, SW7841, SW8080, SW8240A, SW8270
1995	WLCRFE95	City of Portland	Rose Festival Fleet Moorage	Aroclors, Butyltins, Conventionals, Grainsize, Metals, Pesticides, PAHs	D422, D4129,E160.3M, E200.8, KRONE, SW6010A, SW7471, SW8080, SW8310M
1995-2003	WLCZDI00	ZRZ Realty Company	Zidell Waterfront Property RI	Aroclors, Butyltins, Conventionals, Grainsize, Metals, Petroleum, PAHs, SVOCs	KRONE, NWTPH-Dx, NWTPH-Gx, SW8270, Unknown
1997-1998	WLCWQH99	USGS	Organochlorine and PAH by SPMD	Dioxins & Furans, Dioxin & Furan Homologs, Pesticides, PAHs, PCB Congeners, SVOCs	GCECD, GCHRMS, GCMS
1999	WLCRIJ99	Oregon DEQ	Ross Island Lagoon Baseline	Aroclors, Butyltins, Conventionals, Grainsize, Metals, Pesticides, Phenols, Phthalates, PAHs, SVOCs,	E160.3M, E200.8, KRONE, KRONEPW, PSEP, SW6020, SW7471A, SW8081A, SW8082, SW8270-SIM
1999	WLCRIL99	Port of Portland	Ross Island Phase I	Aroclors, Butyltins, Conventionals, Grainsize, Metals, Pesticides, Petroleum, Phenols, Phthalates, PAHs, SVOCs, VOCs	D422, E200.8, KRONEPW, ORHCID, SW7471A, SW8081, SW8082, SW8270, SW9060, Unknown
1999	WLCRIV99	Landau Associates, Inc	Ross Island Phase 1 (Landau)	Aroclors, Butyltins, Conventionals, Grainsize, Metals, Pesticides, Petroleum, Phenols, Phthalates, PAHs, SVOCs, VOCs	D4129, E160.3M, E200.8, KRONE, NWTPH-Dx, PSEP, SW7471A, SW8015B, SW8081A, SW8082, SW8260B, SW8270C, SW8270-SIM, SW9060M
2001	WLCRIF01	Oregon DEQ	RI/RA Ross Island Phase 2 (Landau)	Aroclors, Butyltins, Metals, Pesticides, Petroleum, Phenols, Phthalates, PAHs, SVOCs	KRONEPW, UNKMET, Unknown
2001	WLLRSH01	USACE-Portland District	Willamette Ref Area P1	Aroclors, Conventionals, Grainsize, Pesticides, Petroleum	D422, E160.3M, E160.4M, SW8015, SW8081A, SW8082
2001	WLLRSI01	USACE-Portland District	Willamette Ref Area P2	Aroclors, Butyltins, Conventionals, Grainsize, Metals, Pesticides, Phenols, Phthalates, PAHs, SVOCs,	D422, D4129, E160.4M, E200.8, KRONE, SW7471A, SW8081A, SW8082, SW8270C
2003	WLLOBI03	City of Portland	Oaks Bottom Wildlife Refuge Sediment and Water Quality Evaluation	Aroclors, Metals, Pesticides, Phenols, Phthalates, PAHs, SVOCs, VOCs	SW6020, SW7471, SW8081A, SW8082, SW8260B, SW8270C
2004	LW2-U1 or LW2-U2	LWG	Round 2a sediment grabs	Aroclors, Conventionals, Dioxins & Furans, Dioxin & Furan Homologs, Grainsize, Metals, Pesticides, Phenols, Phthalates, PAHs, PCB Congeners, SVOCs	E1613, E1668, PLUMB, PSEP, SW6010B, SW6020, SW7471A, SW7742, SW8081A, SW8082, SW8151, SW8270C, SW8270-SIM, SW9030B
2004	WLCDRI03	USACE-Portland District	Willamette O&M Sediment Characterization	Aroclors, Butyltins, Conventionals, Grainsize, Pesticides, Phenols, Phthalates, PAHs, SVOCs	D4129, E160.4M, E350.1, KRONEPW, PSEP, SW6020, SW7471A, SW8081, SW8082, SW8270, Unknown
2004	WLCZDH04	ZRZ Realty Company	Zidell Waterfront Property RI: Riverbank Characterization	Aroclors, Butyltins, Metals, PAHs	KRONE, SW6010, SW7471, SW8082, SW8270-SIM
2005		USACE-Portland District	2005 O&M Dredge Sediment Characterization		D422, E160.3M, E160.4M, E350.1M, E1613, KRONE, KRONEPW, NWTPH-Dx, NWTPH-Gx, PSEP, SW6010B, SW6020, SW7471A, SW7742, SW8081A, SW8082, SW8151A, SW8260B, SW8270C, SW8270-SIM, SW9030M
2007	LW3-G	LWG	Round 3B sediment grabs	Aroclors, Conventionals, Grainsize, Metals, Pesticides, Petroleum, Phenols, Phthalates, PAHs, SVOCs, VOCs	ASTM D 854-83, E160.3M, NWTPH-Dx, NWTPH-Gx, PSEP, SW6010B, SW6020, SW7471A, SW7742, SW8081A, SW8082, SW8151M, SW8260B, SW8270C, SW8270-SIM,
2007	LW3-GCA	LWG	Round 3B Biota - Co-located Sediments	Aroclors, Butyltins, Conventionals, Dioxins & Furans, Dioxin & Furan Homologs, Grainsize, Metals, Pesticides, Phenols, Phthalates, PAHs, PCB Congeners, SVOCs	E160.3M, E1613B, E1668, KRONE, PSEP, SW6010B, SW6020, SW7471A, SW7742, SW8081A, SW8082, SW8151M, SW8270C, SW8270-SIM,
2007	LW3-UC or LW3-UG	LWG	Round 3 sediment from upstream and downstream	Aroclors, Conventionals, Grainsize, Metals, Pesticides, Petroleum, Phenols, Phthalates, PAHs, SVOCs	ASTM D 854-83, E160.3M, E350.1M, NWTPH-Dx, PSEP, SGT, SW6010B, SW6020, SW7471A, SW8081A, SW8082, SW8151M, SW8270C, SW8270-SIM, SW9030B
2008	LW3-C	LWG	Round 3B sediment cores	Aroclors, Conventionals, Grainsize, Metals, Pesticides, Petroleum, Phenols, Phthalates, PAHs, SVOCs	ASTM D 854-83, E160.3M, NWTPH-Dx, PSEP, SGT, SW6010B, SW6020, SW7471A, SW8081A, SW8082, SW8151M, SW8270C, SW8270-SIM,

Note:

DEQ = Department of Environmental Quality

EPA = Environmental Protection Agency

LWG = Lower Willamette Group

PGE = Portland General Electric

USACE = United States Army Corps of Engineers

USGS = United States Geological Survey

Source: Information compiled from LWG SCRA Database dated August 28, 2008









