

Table 4a. PAH Analysis of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			
Core Location Name	CAS No.			ppb (µg/kg)			NAE3a (Surface)			NAE3b (Transition)			NAE3c (Deep)
ASI ID #					20200425a			20200425b			20200425c		
Enthalpy ID #					34272-026			34272-028			34272-029		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
Acenaphthene	83-32-9	10	3.1	1.55	9.00	U	1.55	9.00	U	1.55	10.0	U	
Acenaphthylene	208-96-8	10	3.4	1.70	9.00	U	1.70	9.00	U	1.70	10.0	U	
Anthracene	120-12-7	10	3.3	1.65	9.00	U	1.65	9.00	U	1.65	10.0	U	
Benzo(a)anthracene (1,2- Benzanthracene)	56-55-3	10	4.5	2.25	9.00	U	2.25	9.00	U	2.25	10.0	U	
Benzo(a)pyrene	50-32-8	10	4.8	2.40	9.00	U	2.40	9.00	U	2.40	10.0	U	
Benzo(b)fluoranthene (3,4- Benzofluoranthene)	205-99-2	10	4.1	2.05	9.00	U	2.05	9.00	U	2.05	10.0	U	
Benzo(k)fluoranthene	207-08-9	10	4.4	2.20	9.00	U	2.20	9.00	U	2.20	10.0	U	
Benzo(g,h,i)perylene	191-24-2	10	3.9	1.95	9.00	U	1.95	9.00	U	1.95	10.0	U	
Chrysene	218-01-9	10	4.2	2.10	9.00	U	2.10	9.00	U	2.10	10.0	U	
Dibenz(a,h)anthracene	53-70-3	10	3.9	1.95	9.00	U	1.95	9.00	U	1.95	10.0	U	
Fluoranthene	206-44-0	10	6.6	3.30	9.00	U	3.30	9.00	U	3.30	10.0	U	
Fluorene	86-73-7	10	3.4	1.70	9.00	U	1.70	9.00	U	1.70	10.0	U	
Ideno(1,2,3-cd)pyrene	193-39-5	10	3.5	1.75	9.00	U	1.75	9.00	U	1.75	10.0	U	
Naphthalene	91-20-3	10	2.9	1.45	9.00	U	1.45	9.00	U	1.45	10.0	U	
Phenanthrene	85-01-8	10	8.6	4.30	9.00	U	4.30	9.00	U	4.30	10.0	U	
Pyrene	129-00-0	10	5.0	2.50	9.00	U	2.50	9.00	U	2.50	10.0	U	

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4a - continued. Pesticide Analysis of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)		
Core Location Name:	ppb (µg/kg)			NAE3a (Surface)			NAE3b (Transition)			NAE3c (Deep)		
ASI ID #:				20200425a			20200425b			20200425c		
Enthalpy ID #:				34272-026			34272-028			34272-029		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Aldrin	309-00-2	1	0.25	0.125	0.400	UJ4	0.125	0.400	UJ4	0.125	0.400	UJ4
cis-Chlordane (α)	5103-71-9	1	0.078	0.039	0.400	U	0.039	0.400	U	0.039	0.400	U
trans-Chlordane (γ)	5103-74-2	1	0.17	0.085	0.400	U	0.085	0.400	U	0.085	0.400	U
Chlordane (cis and trans) (α and γ)				0.124			0.124			0.124		
4,4'-DDT	50-29-3	1	0.10	0.050	0.700	U	0.050	0.700	U	0.050	0.800	U
4,4'-DDE	72-55-9	1	0.076	0.038	0.700	U	0.038	0.700	U	0.038	0.800	U
4,4'-DDD	72-54-8	1	0.065	0.033	0.700	U	0.033	0.700	U	0.033	0.800	U
Dieldrin	60-57-1	1	0.093	0.047	0.700	U	0.047	0.700	U	0.047	0.800	U
Endosulfan I (α)	959-98-8	1	0.12	0.060	0.700	U	0.060	0.700	U	0.060	0.800	U
Endosulfan II (β)	33213-65-9	1	0.18	0.090	0.700	U	0.090	0.700	U	0.090	0.800	U
I and II (α and β) Endosulfan				0.150			0.150			0.150		
Endrin	72-20-8	1	0.088	0.140	0.700	J14	0.044	0.700	U	0.044	0.800	U
Heptachlor	76-44-8	1	0.14	0.070	0.400	UJ7	0.070	0.400	U	0.070	0.400	U
Heptachlor epoxide	1024-57-3	1	0.29	0.145	0.400	UJ7	0.145	0.400	U	0.145	0.400	U
Hexachlorobenzene	118-74-1	1	0.39	0.195	0.400	U	0.195	0.400	U	0.195	0.400	U
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	1	0.13	0.065	0.400	UJ7	0.065	0.400	U	0.065	0.400	U
Methoxychlor	72-43-5	1	1.6	0.800	3.70	U	0.800	3.70	U	0.800	3.80	U
cis-Nonachlor	5103-73-1	1	0.061	0.031	0.400	U	0.031	0.400	U	0.031	0.400	U
trans-Nonachlor	39765-80-5	1	0.095	0.048	0.400	UJ7	0.048	0.400	U	0.048	0.400	U
cis- and trans- Nonachlor				0.078			0.078			0.078		
Oxychlordane	27304-13-8	1	0.21	0.105	0.400	UJ4	0.105	0.400	UJ4	0.105	0.400	UJ4
Toxaphene	8001-35-2	25	4.4	2.20	37.0	U	2.20	37.3	U	2.20	38.4	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4a - continued. Metal Analysis of of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: mg/kg)			Bulk Sediment (Units: mg/kg)			Bulk Sediment (Units: mg/kg)		
Core Location Name:	CAS No.			ppm (mg/kg)	NAE3a (Surface)			NAE3b (Transition)			NAE3c (Deep)	
ASI ID #:		20200425a			20200425b			20200425c				
Enthalpy ID #:		34272-026			34272-028			34272-029				
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Arsenic	7440-38-2	0.4	0.06	17.0	0.070		13.0	0.070		10.9	0.070	
Cadmium	7440-43-9	0.07	0.0046	0.300	0.040		0.260	0.040		0.210	0.040	
Chromium, total	7440-47-3	0.5	0.041	26.2	0.070		27.3	0.070		28.0	0.070	
Copper	7440-50-8	0.5	0.024	21.3	0.070		31.9	0.070		37.3	0.070	
Lead	7439-92-1	0.5	0.0053	7.71	0.040		13.1	0.040		8.67	0.040	
Mercury	7439-97-6	0.02	0.0011	0.00055	0.010	U	0.00055	0.010	U	0.00055	0.010	U
Nickel	7440-02-0	0.5	0.045	31.5	0.200		39.9	0.200		48.4	0.200	
Zinc	7440-66-6	1.0	0.079	42.9	0.700		68.8	0.700		74.2	0.700	
Percent Moisture		1.0%	0.1	10.0	0.100		10.6	0.100		13.1	0.100	

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4a - continued. PCB Congener Analysis of of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			
Core Location Name:			ppb (µg/kg)	1.0	0.14	NAE3a (Surface)			NAE3b (Transition)			NAE3c (Deep)		
ASI ID #:						20200425a			20200425b			20200425c		
Enthalpy ID #:						34272-026			34272-028			34272-029		
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
PCB-008*	2,4'-DiCB	34883-43-7	1.0	0.14	0.070	0.400	U	0.070	0.400	U	0.070	0.400	U	
PCB-018*	2,2',5'-TrCB	37680-65-2	1.0	0.15	0.075	0.400	U	0.075	0.400	U	0.150	0.400	J14	
PCB-028*	2,4,4'-TrCB	7012-37-5	1.0	0.18	0.090	0.400	U	0.090	0.400	U	0.090	0.400	U	
PCB-044*	2,2',3,5'-TeCB	41464-39-5	1.0	0.16	0.080	0.400	U	0.080	0.400	U	0.080	0.400	U	
PCB-049	2,2',4,5'-CB	41464-40-8	1.0	0.15	0.075	0.400	U	0.075	0.400	U	0.075	0.400	U	
PCB-052*	2,2',5,5'-TeCB	35693-99-3	1.0	0.18	0.090	0.400	U	0.090	0.400	U	0.090	0.400	U	
PCB-066*	2,3',4,4'-TeCB	32598-10-0	1.0	0.16	0.080	0.400	U	0.080	0.400	U	0.080	0.400	U	
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	1.0	0.20	0.100	0.400	U	0.100	0.400	U	0.100	0.400	U	
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	1.0	0.16	0.160	0.400	J14	0.080	0.400	U	0.080	0.400	U	
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	1.0	0.21	0.105	0.400	U	0.105	0.400	U	0.105	0.400	U	
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	1.0	0.14	0.070	0.400	U	0.070	0.400	U	0.070	0.400	U	
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	1.0	0.16	0.080	0.400	U	0.080	0.400	U	0.080	0.400	U	
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	1.0	0.13	0.065	0.400	U	0.065	0.400	U	0.065	0.400	U	
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	1.0	0.10	0.050	0.400	U	0.050	0.400	U	0.050	0.400	U	
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	1.0	0.08	0.040	0.400	U	0.040	0.400	U	0.040	0.400	U	
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	1.0	0.14	0.070	0.400	U	0.070	0.400	U	0.070	0.400	U	
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	1.0	0.15	0.075	0.400	U	0.075	0.400	U	0.075	0.400	U	
PCB-195*	2,2',3,3',4,4',5,6-OcCB	52663-78-2	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-206*	2,2',3,3',4,4',5,5',6-NoCB	40186-72-9	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-209*	DecaCB	2051-24-3	1.0	0.20	0.100	0.400	U	0.100	0.400	U	0.400	0.400		
PCBs ²					3.14			2.98			3.73			

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 4b. PAH Analysis of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			
Core Location Name	CAS No.			ppb (µg/kg)			NAE6a (Surface)			NAE6b (Transition)			NAE6c (Deep)
ASI ID #					20200428a			20200428b			20200428c		
Enthalpy ID #					34272-031			34272-033			34272-034		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
Acenaphthene	83-32-9	10	3.1	1.55	9.00	U	1.55	9.00	U	1.55	9.00	U	
Acenaphthylene	208-96-8	10	3.4	1.70	9.00	U	1.70	9.00	U	1.70	9.00	U	
Anthracene	120-12-7	10	3.3	1.65	9.00	U	1.65	9.00	U	1.65	9.00	U	
Benzo(a)anthracene (1,2- Benzanthracene)	56-55-3	10	4.5	6.90	9.00	J14	2.25	9.00	U	2.25	9.00	U	
Benzo(a)pyrene	50-32-8	10	4.8	5.70	9.00	J14	2.40	9.00	U	2.40	9.00	U	
Benzo(b)fluoranthene (3,4- Benzofluoranthene)	205-99-2	10	4.1	5.10	9.00	J14	2.05	9.00	U	2.05	9.00	U	
Benzo(k)fluoranthene	207-08-9	10	4.4	4.80	9.00	J14	2.20	9.00	U	2.20	9.00	U	
Benzo(g,h,i)perylene	191-24-2	10	3.9	1.95	9.00	U	1.95	9.00	U	1.95	9.00	U	
Chrysene	218-01-9	10	4.2	5.60	9.00	J14	2.10	9.00	U	2.10	9.00	U	
Dibenz(a,h)anthracene	53-70-3	10	3.9	1.95	9.00	U	1.95	9.00	U	1.95	9.00	U	
Fluoranthene	206-44-0	10	6.6	11.5	9.00		3.30	9.00	U	3.30	9.00	U	
Fluorene	86-73-7	10	3.4	1.70	9.00	U	1.70	9.00	U	1.70	9.00	U	
Ideno(1,2,3-cd)pyrene	193-39-5	10	3.5	1.75	9.00	U	1.75	9.00	U	1.75	9.00	U	
Naphthalene	91-20-3	10	2.9	1.45	9.00	U	1.45	9.00	U	1.45	9.00	U	
Phenanthrene	85-01-8	10	8.6	4.30	9.00	U	4.30	9.00	U	4.30	9.00	U	
Pyrene	129-00-0	10	5.0	10.0	9.00		2.50	9.00	U	2.50	9.00	U	

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4b - continued. Pesticide Analysis of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)				
Core Location Name:	ppb (µg/kg)			NAE6a (Surface)			NAE6b (Transition)			NAE6c (Deep)				
ASI ID #:				20200428a			20200428b			20200428c				
Enthalpy ID #:				34272-031			34272-033			34272-034				
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q		
Aldrin	309-00-2	1	0.25	0.125	0.400	UJ4	0.125	0.300	UJ4	0.125	0.400	UJ4		
cis-Chlordane (α)	5103-71-9	1	0.078	0.039	0.400	U	0.039	0.300	U	0.039	0.400	U		
trans-Chlordane (γ)	5103-74-2	1	0.17	0.085	0.400	U	0.085	0.300	U	0.085	0.400	U		
Chlordane (cis and trans) (α and γ)				0.124			0.124			0.124				
4,4'-DDT	50-29-3	1	0.10	0.050	0.800	U	0.050	0.700	U	0.050	0.900	U		
4,4'-DDE	72-55-9	1	0.076	0.038	0.800	U	0.038	0.700	U	0.038	0.900	U		
4,4'-DDD	72-54-8	1	0.065	0.033	0.800	U	0.033	0.700	U	0.033	0.900	U		
Dieldrin	60-57-1	1	0.093	0.047	0.800	U	0.047	0.700	U	0.047	0.900	U		
Endosulfan I (α)	959-98-8	1	0.12	0.060	0.800	U	0.060	0.700	U	0.060	0.900	U		
Endosulfan II (β)	33213-65-9	1	0.18	0.090	0.800	U	0.090	0.700	U	0.090	0.900	U		
I and II (α and β) Endosulfan				0.150			0.150			0.150				
Endrin	72-20-8	1	0.088	0.044	0.800	U	0.044	0.700	U	0.044	0.900	U		
Heptachlor	76-44-8	1	0.14	0.070	0.400	U	0.070	0.300	U	0.070	0.400	U		
Heptachlor epoxide	1024-57-3	1	0.29	0.145	0.400	U	0.145	0.300	U	0.145	0.400	U		
Hexachlorobenzene	118-74-1	1	0.39	0.195	0.400	U	0.195	0.300	U	0.195	0.400	U		
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	1	0.13	0.065	0.400	U	0.065	0.300	U	0.065	0.400	U		
Methoxychlor	72-43-5	1	1.6	0.800	3.80	U	0.800	3.40	U	0.800	4.30	U		
cis-Nonachlor	5103-73-1	1	0.061	0.031	0.400	U	0.031	0.300	U	0.031	0.400	U		
trans-Nonachlor	39765-80-5	1	0.095	0.048	0.400	U	0.048	0.300	U	0.048	0.400	U		
cis- and trans- Nonachlor				0.078			0.078			0.078				
Oxychlordane	27304-13-8	1	0.21	0.105	0.400	UJ4	0.105	0.300	UJ4	0.105	0.400	UJ4		
Toxaphene	8001-35-2	25	4.4	2.20	37.9	U	2.20	34.4	U	2.20	43.0	U		

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4b - continued. Metal Analysis of of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: mg/kg)			Bulk Sediment (Units: mg/kg)			Bulk Sediment (Units: mg/kg)			
Core Location Name:	CAS No.			ppm (mg/kg)	NAE6a (Surface)			NAE6b (Transition)			NAE6c (Deep)		
ASI ID #:					20200428a			20200428b			20200428c		
Enthalpy ID #:					34272-031			34272-033			34272-034		
Analyte Name	Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q				
Arsenic	7440-38-2	0.4	0.06	5.04	0.070		3.60	0.080		3.15	0.080		
Cadmium	7440-43-9	0.07	0.0046	0.068	0.040		0.110	0.040		0.076	0.040		
Chromium, total	7440-47-3	0.5	0.041	23.9	0.070		24.9	0.080		21.3	0.080		
Copper	7440-50-8	0.5	0.024	6.02	0.070		5.15	0.080		4.39	0.080		
Lead	7439-92-1	0.5	0.0053	3.77	0.040		2.99	0.040		2.85	0.040		
Mercury	7439-97-6	0.02	0.0011	0.00055	0.010	U	0.00055	0.010	U	0.00055	0.010	U	
Nickel	7440-02-0	0.5	0.045	15.3	0.200		17.4	0.200		15.4	0.200		
Zinc	7440-66-6	1.0	0.079	39.8	0.700		28.6	0.800		36.6	0.800		
Percent Moisture		1.0%	0.1	12.0	0.100		16.8	0.100		22.6	0.100		

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4b - continued. PCB Congener Analysis of of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			
Core Location Name:			ppb (µg/kg)	1.0	0.14	NAE6a (Surface)			NAE6b (Transition)			NAE6c (Deep)		
ASI ID #:						20200428a			20200428b			20200428c		
Enthalpy ID #:						34272-031			34272-033			34272-034		
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
PCB-008*	2,4'-DiCB	34883-43-7	1.0	0.14	0.070	0.400	U	0.070	0.300	U	0.070	0.400	U	
PCB-018*	2,2',5'-TrCB	37680-65-2	1.0	0.15	0.075	0.400	U	0.075	0.300	U	0.075	0.400	U	
PCB-028*	2,4,4'-TrCB	7012-37-5	1.0	0.18	0.090	0.400	U	0.090	0.300	U	0.090	0.400	U	
PCB-044*	2,2',3,5'-TeCB	41464-39-5	1.0	0.16	0.080	0.400	U	0.080	0.300	U	0.080	0.400	U	
PCB-049	2,2',4,5'-CB	41464-40-8	1.0	0.15	0.075	0.400	U	0.075	0.300	U	0.075	0.400	U	
PCB-052*	2,2',5,5'-TeCB	35693-99-3	1.0	0.18	0.090	0.400	U	0.090	0.300	U	0.090	0.400	U	
PCB-066*	2,3',4,4'-TeCB	32598-10-0	1.0	0.16	0.080	0.400	U	0.080	0.300	U	0.080	0.400	U	
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	1.0	0.20	0.100	0.400	U	0.260	0.300	J14	0.100	0.400	U	
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	1.0	0.16	0.080	0.400	U	0.080	0.300	U	0.080	0.400	U	
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	1.0	0.21	0.105	0.400	U	0.105	0.300	U	0.105	0.400	U	
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	1.0	0.14	0.070	0.400	U	0.070	0.300	U	0.070	0.400	U	
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	1.0	0.19	0.095	0.400	U	0.095	0.300	U	0.095	0.400	U	
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	1.0	0.19	0.095	0.400	U	0.095	0.300	U	0.095	0.400	U	
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	1.0	0.16	0.080	0.400	U	0.080	0.300	U	0.080	0.400	U	
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	1.0	0.13	0.065	0.400	U	0.065	0.300	U	0.140	0.400	J14	
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	1.0	0.10	0.050	0.400	U	0.050	0.300	U	0.050	0.400	U	
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	1.0	0.08	0.040	0.400	U	0.040	0.300	U	0.040	0.400	U	
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	1.0	0.14	0.070	0.400	U	0.070	0.300	U	0.070	0.400	U	
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	1.0	0.15	0.075	0.400	U	0.075	0.300	U	0.075	0.400	U	
PCB-195*	2,2',3,3',4,4',5,6-OcCB	52663-78-2	1.0	0.19	0.280	0.400	J14	0.095	0.300	U	0.095	0.400	U	
PCB-206*	2,2',3,3',4,4',5,5',6-NoCB	40186-72-9	1.0	0.19	0.095	0.400	U	0.095	0.300	U	0.095	0.400	U	
PCB-209*	DecaCB	2051-24-3	1.0	0.20	0.270	0.400	J14	0.100	0.300	U	0.400	0.400		
PCBs ²					3.69			2.98			3.73			

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 4c. PAH Analysis of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			
Core Location Name	CAS No.			ppb (µg/kg)			NAE9a (Surface)			NAE9b (Transition)			NAE9c (Deep)
ASI ID #					20200431a			20200431b			20200431c		
Enthalpy ID #					34272-035			34272-037			34272-038		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
Acenaphthene	83-32-9	10	3.1	1.55	10.0	U	1.55	10.0	U	1.55	10.0	U	
Acenaphthylene	208-96-8	10	3.4	16.7	10.0		1.70	10.0	U	1.70	10.0	U	
Anthracene	120-12-7	10	3.3	12.4	10.0		1.65	10.0	U	1.65	10.0	U	
Benzo(a)anthracene (1,2- Benzanthracene)	56-55-3	10	4.5	63.4	10.0		2.25	10.0	U	2.25	10.0	U	
Benzo(a)pyrene	50-32-8	10	4.8	64.9	10.0		2.40	10.0	U	2.40	10.0	U	
Benzo(b)fluoranthene (3,4- Benzofluoranthene)	205-99-2	10	4.1	66.6	10.0		2.05	10.0	U	2.05	10.0	U	
Benzo(k)fluoranthene	207-08-9	10	4.4	66.7	10.0		2.20	10.0	U	2.20	10.0	U	
Benzo(g,h,i)perylene	191-24-2	10	3.9	47.7	10.0		1.95	10.0	U	1.95	10.0	U	
Chrysene	218-01-9	10	4.2	57.9	10.0		2.10	10.0	U	2.10	10.0	U	
Dibenz(a,h)anthracene	53-70-3	10	3.9	15.4	10.0		1.95	10.0	U	1.95	10.0	U	
Fluoranthene	206-44-0	10	6.6	112	10.0		3.30	10.0	U	3.30	10.0	U	
Fluorene	86-73-7	10	3.4	4.20	10.0	J14	1.70	10.0	U	1.70	10.0	U	
Ideno(1,2,3-cd)pyrene	193-39-5	10	3.5	44.3	10.0		1.75	10.0	U	1.75	10.0	U	
Naphthalene	91-20-3	10	2.9	4.70	10.0	J14	1.45	10.0	U	1.45	10.0	U	
Phenanthrene	85-01-8	10	8.6	49.6	10.0		4.30	10.0	U	4.30	10.0	U	
Pyrene	129-00-0	10	5.0	113	10.0		6.70	10.0	J14	2.50	10.0	U	

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4c - continued. Pesticide Analysis of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)				
Core Location Name:	ppb (µg/kg)			NAE9a (Surface)			NAE9b (Transition)			NAE9c (Deep)				
ASI ID #:				20200431a			20200431b			20200431c				
Enthalpy ID #:				34272-035			34272-037			34272-038				
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q		
Aldrin	309-00-2	1	0.25	0.125	0.400	UJ4	0.125	0.300	UJ4	0.125	0.400	UJ4		
cis-Chlordane (α)	5103-71-9	1	0.078	0.039	0.400	U	0.039	0.300	U	0.150	0.400	J14		
trans-Chlordane (γ)	5103-74-2	1	0.17	0.085	0.400	U	0.085	0.300	U	0.085	0.400	U		
Chlordane (cis and trans) (α and γ)				0.124			0.124			0.235				
4,4'-DDT	50-29-3	1	0.10	0.050	0.800	U	0.050	0.700	U	0.050	0.800	U		
4,4'-DDE	72-55-9	1	0.076	0.038	0.800	U	0.038	0.700	U	0.038	0.800	U		
4,4'-DDD	72-54-8	1	0.065	0.033	0.800	U	0.033	0.700	U	0.033	0.800	U		
Dieldrin	60-57-1	1	0.093	0.047	0.800	U	0.047	0.700	U	0.047	0.800	U		
Endosulfan I (α)	959-98-8	1	0.12	0.060	0.800	U	0.060	0.700	U	0.060	0.800	U		
Endosulfan II (β)	33213-65-9	1	0.18	0.090	0.800	U	0.090	0.700	U	0.090	0.800	U		
I and II (α and β) Endosulfan				0.150			0.150			0.150				
Endrin	72-20-8	1	0.088	0.044	0.800	U	0.044	0.700	U	0.044	0.800	U		
Heptachlor	76-44-8	1	0.14	0.070	0.400	U	0.070	0.300	U	0.070	0.400	U		
Heptachlor epoxide	1024-57-3	1	0.29	0.145	0.400	U	0.145	0.300	U	0.145	0.400	U		
Hexachlorobenzene	118-74-1	1	0.39	0.195	0.400	U	0.195	0.300	U	0.195	0.400	U		
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	1	0.13	0.065	0.400	U	0.065	0.300	U	0.065	0.400	U		
Methoxychlor	72-43-5	1	1.6	0.800	3.80	U	0.800	3.30	U	0.800	3.90	U		
cis-Nonachlor	5103-73-1	1	0.061	0.031	0.400	U	0.031	0.300	U	0.031	0.400	U		
trans-Nonachlor	39765-80-5	1	0.095	0.048	0.400	U	0.048	0.300	U	0.048	0.400	U		
cis- and trans- Nonachlor				0.078			0.078			0.078				
Oxychlordane	27304-13-8	1	0.21	0.105	0.400	UJ4	0.105	0.300	UJ4	0.105	0.400	UJ4		
Toxaphene	8001-35-2	25	4.4	2.20	38.4	U	2.20	32.9	U	2.20	38.8	U		

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4c - continued. Metal Analysis of of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: mg/kg)			Bulk Sediment (Units: mg/kg)			Bulk Sediment (Units: mg/kg)		
Core Location Name:	CAS No.			ppm (mg/kg)	NAE9a (Surface)			NAE9b (Transition)			NAE9c (Deep)	
ASI ID #:		20200431a			20200431b			20200431c				
Enthalpy ID #:		34272-035			34272-037			34272-038				
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Arsenic	7440-38-2	0.4	0.06	15.5	0.200		13.7	0.100		12.5	0.100	
Cadmium	7440-43-9	0.07	0.0046	0.130	0.070		0.120	0.070		0.200	0.060	
Chromium, total	7440-47-3	0.5	0.041	44.8	0.200		39.9	0.100		31.5	0.100	
Copper	7440-50-8	0.5	0.024	16.0	0.200		11.9	0.100		10.3	0.100	
Lead	7439-92-1	0.5	0.0053	24.3	0.070		13.3	0.070		8.87	0.060	
Mercury	7439-97-6	0.02	0.0011	0.142	0.010		0.02	0.010		0.012	0.010	
Nickel	7440-02-0	0.5	0.045	31.9	0.400		29.5	0.300		23.2	0.300	
Zinc	7440-66-6	1.0	0.079	75.5	2.00		66.2	1.00		45.4	1.00	
Percent Moisture		1.0%	0.1	59.9	0.100		53.2	0.100		42.7	0.100	

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 4c - continued. PCB Congener Analysis of of Bulk Sediment (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			Bulk Sediment (Units: µg/kg)			
Core Location Name:			ppb (µg/kg)	1.0	0.14	NAE9a (Surface)			NAE9b (Transition)			NAE9c (Deep)		
ASI ID #:						20200431a			20200431b			20200431c		
Enthalpy ID #:						34272-035			34272-037			34272-038		
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
PCB-008*	2,4'-DiCB	34883-43-7	1.0	0.14	0.070	0.400	U	0.070	0.400	U	0.070	0.400	U	
PCB-018*	2,2',5'-TrCB	37680-65-2	1.0	0.15	0.075	0.400	U	0.075	0.400	U	0.075	0.400	U	
PCB-028*	2,4,4'-TrCB	7012-37-5	1.0	0.18	0.090	0.400	U	0.090	0.400	U	0.090	0.400	U	
PCB-044*	2,2',3,5'-TeCB	41464-39-5	1.0	0.16	0.080	0.400	U	0.080	0.400	U	0.080	0.400	U	
PCB-049	2,2',4,5'-CB	41464-40-8	1.0	0.15	0.075	0.400	U	0.075	0.400	U	0.075	0.400	U	
PCB-052*	2,2',5,5'-TeCB	35693-99-3	1.0	0.18	0.090	0.400	U	0.090	0.400	U	0.090	0.400	U	
PCB-066*	2,3',4,4'-TeCB	32598-10-0	1.0	0.16	0.080	0.400	U	0.080	0.400	U	0.080	0.400	U	
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	1.0	0.20	0.100	0.400	U	0.260	0.400	J14	0.100	0.400	U	
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	1.0	0.16	0.220	0.400	J14	0.080	0.400	U	0.080	0.400	U	
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	1.0	0.21	0.105	0.400	U	0.105	0.400	U	0.105	0.400	U	
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	1.0	0.14	0.070	0.400	U	0.070	0.400	U	0.070	0.400	U	
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	1.0	0.16	0.260	0.400	J14	0.080	0.400	U	0.080	0.400	U	
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	1.0	0.13	0.065	0.400	U	0.065	0.400	U	0.065	0.400	U	
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	1.0	0.10	0.050	0.400	U	0.050	0.400	U	0.050	0.400	U	
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	1.0	0.08	0.040	0.400	U	0.040	0.400	U	0.040	0.400	U	
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	1.0	0.14	0.070	0.400	U	0.070	0.400	U	0.070	0.400	U	
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	1.0	0.15	0.075	0.400	U	0.075	0.400	U	0.075	0.400	U	
PCB-195*	2,2',3,3',4,4',5,6-OcCB	52663-78-2	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.270	0.400	J14	
PCB-206*	2,2',3,3',4,4',5,5',6-NoCB	40186-72-9	1.0	0.19	0.095	0.400	U	0.095	0.400	U	0.095	0.400	U	
PCB-209*	DecaCB	2051-24-3	1.0	0.20	0.100	0.400	U	0.100	0.400	U	0.400	1.00		
PCBs ²					3.62			2.98			3.93			

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 5a. Pentachlorophenol Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:	ppb (µg/L)			NAE3a (Surface) Rep 1			NAE3a (Surface) Rep 2			NAE3a (Surface) Rep 3		
ASI ID #:				20200425a			20200425a			20200425a		
Enthalpy ID #:				34274-048			34274-049			34274-050		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Pentachlorophenol	87-86-5	2.60	1.9	0.950	2.30	U	0.950	2.30	U	0.950	2.30	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 5a - continued. Pesticide Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:	ppb (µg/L)			NAE3a (Surface) Rep 1			NAE3a (Surface) Rep 2			NAE3a (Surface) Rep 3		
ASI ID #:				20200425a			20200425a			20200425a		
Enthalpy ID #:				34274-054			34274-055			34274-056		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Aldrin	309-00-2	0.26	0.00032	0.00016	0.002	U	0.00016	0.002	U	0.00016	0.002	U
cis-Chlordane (α)	5103-71-9	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
trans-Chlordane (γ)	5103-74-2	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
Chlordane (cis and trans) (α and γ)		0.02	0.00047	0.00047			0.00047			0.00047		
Chloropyrifos	2921-88-2	0.002	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Dieldrin	60-57-1	0.14	0.0011	0.00055	0.004	U	0.00055	0.004	U	0.00055	0.004	U
4,4'-DDT	50-29-3	0.03	0.00061	0.00031	0.004	U	0.00031	0.004	U	0.00031	0.004	U
Endosulfan I (α)	959-98-8	0.007	0.0015	0.00075	0.002	U	0.00075	0.002	U	0.00075	0.002	U
Endosulfan II (β)	33213-65-9	0.007	0.0027	0.00135	0.004	U	0.00135	0.004	U	0.00135	0.004	U
I and II (α and β) Endosulfan		0.007		0.0021			0.0021			0.0021		
Endrin	72-20-8	0.007	0.00067	0.00034	0.004	U	0.00034	0.004	U	0.00034	0.004	U
Heptachlor	76-44-8	0.01	0.0011	0.00055	0.002	UJ4	0.00055	0.002	UJ4	0.00055	0.002	UJ4
Heptachlor epoxide	1024-57-3	0.01	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.00043	0.002	U
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	0.26	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Toxaphene	8001-35-2	0.04	0.013	0.0065	0.093	U	0.0065	0.093	U	0.0065	0.093	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 5a - continued. Metal Analysis of of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL*	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:		ppb (µg/L)		NAE3a (Surface) Rep 1			NAE3a (Surface) Rep 2			NAE3a (Surface) Rep 3		
ASI ID #:				20200425a			20200425a			20200425a		
Enthalpy ID #:				34274-039			34274-040			34274-041		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Arsenic	7440-38-2	1	0.15*	6.10	0.500		5.90	0.500		6.10	0.500	
Cadmium	7440-43-9	1	0.013*	0.0065	0.100	U	0.0065	0.1000	U	0.0065	0.100	U
Chromium, total	7440-47-3	1	0.19*	0.095	0.500	U	0.095	0.500	U	0.095	0.500	U
Copper	7440-50-8	0.6	0.05*	0.025	0.500	U	0.025	0.500	U	0.025	0.500	U
Lead	7439-92-1	1	0.011*	0.0055	0.200	U	0.0055	0.2000	U	0.0055	0.200	U
Nickel	7440-02-0	1	0.1*	11.3	1.00		11.2	1.00		11.6	1.00	
Selenium	7782-49-2	1	0.1*	0.050	0.500	U	0.050	0.500	U	0.050	0.500	U
Silver	7440-22-4	0.5	0.017*	0.0085	0.200	U	0.0085	0.200	U	0.0085	0.200	U
Zinc	7440-66-6	1	0.3*	1.80	1.00		1.40	1.00		1.30	1.00	
Enthalpy ID #:				34274-045			34274-046			34274-047		
Chromium VI	18540-29-9	5	1.6	0.800	5.00	U	0.800	5.00	U	0.800	5.00	U
Enthalpy ID #:				34274-042			34274-043			34274-044		
Mercury	7439-97-6	0.4	0.0005	0.00025	0.010	U	0.00025	0.010	U	0.00025	0.010	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

*MDL adjusted for dilution factor.

Table 5a - continued. PCB Congener Analysis of of Elutriate (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:			ppb (µg/L)	NAE3a (Surface) Rep 1			NAE3a (Surface) Rep 2			NAE3a (Surface) Rep 3			
ASI ID #:				20200425a			20200425a			20200425a			
Enthalpy ID #:				34274-051			34274-052			34274-053			
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
PCB-008*	2,4'-DiCB	34883-43-7	0.006	0.00052	0.00026	0.002	U	0.00026	0.002	U	0.00026	0.002	U
PCB-018*	2,2',5'-TrCB	37680-65-2	0.006	0.00062	0.0008	0.002	J14	0.00031	0.002	U	0.00031	0.002	U
PCB-028*	2,4,4'-TrCB	7012-37-5	0.006	0.00047	0.0008	0.002	J14	0.0007	0.002	J14	0.000235	0.002	U
PCB-044*	2,2',3,5'-TeCB	41464-39-5	0.006	0.00046	0.0006	0.002	J4, J14	0.0009	0.002	J4, J14	0.0009	0.002	J4, J14
PCB-049	2,2',4,5'-CB	41464-40-8	0.006	0.00033	0.0006	0.002	J4, J14	0.0006	0.002	J4, J14	0.000165	0.002	UJ4
PCB-052*	2,2',5,5'-TeCB	35693-99-3	0.006	0.00036	0.0004	0.002	J14	0.0004	0.002	J14	0.00018	0.002	U
PCB-066*	2,3',4,4'-TeCB	32598-10-0	0.006	0.00037	0.0006	0.002	J14	0.0005	0.002	J14	0.000185	0.002	U
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	0.006	0.00081	0.00041	0.002	U	0.001	0.002	J14	0.000405	0.002	U
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	0.006	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.00043	0.002	U
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	0.006	0.00079	0.0004	0.002	U	0.0008	0.002	J14	0.0009	0.002	J14
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	0.006	0.00046	0.00023	0.002	U	0.00023	0.002	U	0.00023	0.002	U
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	0.006	0.00040	0.0005	0.002	J4, J14	0.0012	0.002	J14	0.0002	0.002	U
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	0.006	0.00066	0.00033	0.002	UJ4	0.00033	0.002	UJ4	0.00033	0.002	UJ4
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	0.006	0.00042	0.00021	0.002	UJ4	0.0006	0.002	J4, J14	0.00021	0.002	UJ4
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	0.006	0.00097	0.00049	0.002	U	0.00049	0.002	U	0.000485	0.002	U
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	0.006	0.00058	0.00029	0.002	UJ4	0.00029	0.002	UJ4	0.00029	0.002	UJ4
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	0.006	0.00084	0.00042	0.002	UJ4	0.00042	0.002	UJ4	0.00042	0.002	UJ4
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	0.006	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	0.006	0.00089	0.00045	0.002	U	0.00045	0.002	U	0.000445	0.002	U
PCB-195*	2,2',3,3',4,4',5,6'-OcCB	52663-78-2	0.006	0.0019	0.00095	0.002	U	0.00095	0.002	U	0.00095	0.002	U
PCB-206*	2,2',3,3',4,4',5,5',6'-NoCB	40186-72-9	0.006	0.00078	0.00039	0.002	U	0.00039	0.002	U	0.0013	0.002	J14
PCB-209*	DecaCB	2051-24-3	0.006	0.00084	0.00042	0.002	U	0.00042	0.002	U	0.00042	0.002	U
PCBs ²					0.01707			0.01928			0.01652		

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 5b. Pentachlorophenol Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:	ppb (µg/L)			NAE6a (Surface) Rep 1			NAE6a (Surface) Rep 2			NAE6a (Surface) Rep 3		
ASI ID #:				20200428a			20200428a			20200428a		
Enthalpy ID #:				34274-066			34274-067			34274-068		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Pentachlorophenol	87-86-5	2.60	1.9	0.950	2.30	U	0.950	2.30	U	0.950	2.30	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 5b - continued. Pesticide Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:	ppb (µg/L)			NAE6a (Surface) Rep 1			NAE6a (Surface) Rep 2			NAE6a (Surface) Rep 3		
ASI ID #:				20200428a			20200428a			20200428a		
Enthalpy ID #:				34274-072			34274-073			34274-074		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Aldrin	309-00-2	0.26	0.00032	0.00016	0.002	U	0.00016	0.002	U	0.00016	0.002	U
cis-Chlordane (α)	5103-71-9	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
trans-Chlordane (γ)	5103-74-2	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
Chlordane (cis and trans) (α and γ)		0.02	0.00047	0.00047			0.00047			0.00047		
Chloropyrifos	2921-88-2	0.002	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Dieldrin	60-57-1	0.14	0.0011	0.00055	0.004	U	0.00055	0.004	U	0.00055	0.004	U
4,4'-DDT	50-29-3	0.03	0.00061	0.00031	0.004	U	0.00031	0.004	U	0.00031	0.004	U
Endosulfan I (α)	959-98-8	0.007	0.0015	0.00075	0.002	U	0.00075	0.002	U	0.00075	0.002	U
Endosulfan II (β)	33213-65-9	0.007	0.0027	0.00135	0.004	U	0.00135	0.004	U	0.00135	0.004	U
I and II (α and β) Endosulfan		0.007		0.0021			0.0021			0.0021		
Endrin	72-20-8	0.007	0.00067	0.00034	0.004	U	0.00034	0.004	U	0.00034	0.004	U
Heptachlor	76-44-8	0.01	0.0011	0.00055	0.002	UJ4	0.00055	0.002	UJ4	0.00055	0.002	UJ4
Heptachlor epoxide	1024-57-3	0.01	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.00043	0.002	U
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	0.26	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Toxaphene	8001-35-2	0.04	0.013	0.0065	0.093	U	0.0065	0.092	U	0.0065	0.093	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 5b - continued. Metal Analysis of of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL*	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:		ppb (µg/L)		NAE6a (Surface) Rep 1			NAE6a (Surface) Rep 2			NAE6a (Surface) Rep 3		
ASI ID #:				20200428a			20200428a			20200428a		
Enthalpy ID #:				34274-057			34274-058			34274-059		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Arsenic	7440-38-2	1	0.15*	7.90	0.500		7.80	0.500		7.80	0.500	
Cadmium	7440-43-9	1	0.013*	0.0065	0.100	U	0.0065	0.1000	U	0.0065	0.100	U
Chromium, total	7440-47-3	1	0.19*	0.095	0.500	U	0.095	0.500	U	0.095	0.500	U
Copper	7440-50-8	0.6	0.05*	1.00	0.500		0.025	0.500	U	0.025	0.500	U
Lead	7439-92-1	1	0.011*	0.0055	0.200	U	0.0055	0.2000	U	0.0055	0.200	U
Nickel	7440-02-0	1	0.1*	0.050	1.00	U	1.00	1.00		0.050	1.00	U
Selenium	7782-49-2	1	0.1*	0.050	0.500	U	0.050	0.500	U	0.050	0.500	U
Silver	7440-22-4	0.5	0.017*	0.0085	0.200	U	0.0085	0.200	U	0.0085	0.200	U
Zinc	7440-66-6	1	0.3*	6.20	1.00		9.80	1.00		3.40	1.00	
Enthalpy ID #:				34274-063			34274-064			34274-065		
Chromium VI	18540-29-9	5	1.6	0.800	5.00	U	0.800	5.00	U	0.800	5.00	U
Enthalpy ID #:				34274-060			34274-061			34274-062		
Mercury	7439-97-6	0.4	0.0005	0.00025	0.010	U	0.00025	0.010	U	0.00025	0.010	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

*MDL adjusted for dilution factor.

Table 5b - continued. PCB Congener Analysis of of Elutriate (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:					NAE6a (Surface) Rep 1			NAE6a (Surface) Rep 2			NAE6a (Surface) Rep 3		
ASI ID #:					20200428a			20200428a			20200428a		
Enthalpy ID #:					34274-069			34274-070			34274-071		
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
PCB-008*	2,4'-DiCB	34883-43-7	0.006	0.00052	0.00026	0.002	U	0.00026	0.002	U	0.0006	0.002	J14
PCB-018*	2,2',5'-TrCB	37680-65-2	0.006	0.00062	0.00031	0.002	U	0.00031	0.002	U	0.00031	0.002	U
PCB-028*	2,4,4'-TrCB	7012-37-5	0.006	0.00047	0.0007	0.002	J14	0.0005	0.002	J14	0.000235	0.002	U
PCB-044*	2,2',3,5'-TeCB	41464-39-5	0.006	0.00046	0.0008	0.002	J4, J14	0.0008	0.002	J4, J14	0.0012	0.002	J4, J14
PCB-049	2,2',4,5'-CB	41464-40-8	0.006	0.00033	0.0002	0.002	UJ4	0.0004	0.002	J4, J14	0.0014	0.002	J4, J14
PCB-052*	2,2',5,5'-TeCB	35693-99-3	0.006	0.00036	0.0005	0.002	J14	0.0009	0.002	J14	0.0004	0.002	J14
PCB-066*	2,3',4,4'-TeCB	32598-10-0	0.006	0.00037	0.0004	0.002	J14	0.000185	0.002	U	0.000185	0.002	U
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	0.006	0.00081	0.000405	0.002	U	0.001	0.002	J14	0.000405	0.002	U
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	0.006	0.00086	0.00043	0.002	U	0.0011	0.002	J14	0.00043	0.002	U
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	0.006	0.00079	0.001	0.002	J14	0.000395	0.002	U	0.000395	0.002	U
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	0.006	0.00046	0.001	0.002	J14	0.00023	0.002	U	0.0008	0.002	J14
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	0.006	0.00040	0.0002	0.002	U	0.0004	0.002	J14	0.0008	0.002	J14
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	0.006	0.00066	0.00033	0.002	UJ4	0.00033	0.002	UJ4	0.00033	0.002	UJ4
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	0.006	0.00042	0.0007	0.002	J4, J14	0.00021	0.002	UJ4	0.00021	0.002	UJ4
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	0.006	0.00097	0.000485	0.002	U	0.00049	0.002	U	0.0013	0.002	J14
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	0.006	0.00058	0.00029	0.002	UJ4	0.00029	0.002	UJ4	0.00029	0.002	UJ4
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	0.006	0.00084	0.00042	0.002	UJ4	0.00042	0.002	UJ4	0.00042	0.002	UJ4
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	0.006	0.00058	0.001	0.002	J14	0.00029	0.002	U	0.00029	0.002	U
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	0.006	0.00089	0.000445	0.002	U	0.000445	0.002	U	0.000445	0.002	U
PCB-195*	2,2',3,3',4,4',5,6'-OcCB	52663-78-2	0.006	0.0019	0.00095	0.002	U	0.00095	0.002	U	0.00095	0.002	U
PCB-206*	2,2',3,3',4,4',5,5',6'-NoCB	40186-72-9	0.006	0.00078	0.00039	0.002	U	0.0011	0.002	J14	0.00039	0.002	U
PCB-209*	DecaCB	2051-24-3	0.006	0.00084	0.00042	0.002	U	0.00042	0.002	U	0.0018	0.002	J14
PCBs ²					0.01922			0.01862			0.02214		

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 5c. Pentachlorophenol Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:	ppb (µg/L)			NAE9a (Surface) Rep 1			NAE9a (Surface) Rep 2			NAE9a (Surface) Rep 3		
ASI ID #:				20200431a			20200431a			20200431a		
Enthalpy ID #:				34274-029			34274-030			34274-031		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Pentachlorophenol	87-86-5	2.60	1.9	0.950	2.30	U	0.950	2.30	U	0.950	2.30	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 5c - continued. Pesticide Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:	ppb (µg/L)			NAE9a (Surface) Rep 1			NAE9a (Surface) Rep 2			NAE9a (Surface) Rep 3		
ASI ID #:				20200431a			20200431a			20200431a		
Enthalpy ID #:				34274-035			34274-036			34274-037		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Aldrin	309-00-2	0.26	0.00032	0.00016	0.002	U	0.00016	0.002	U	0.00016	0.002	U
cis-Chlordane (α)	5103-71-9	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
trans-Chlordane (γ)	5103-74-2	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
Chlordane (cis and trans) (α and γ)		0.02	0.00047	0.00047			0.00047			0.00047		
Chloropyrifos	2921-88-2	0.002	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Dieldrin	60-57-1	0.14	0.0011	0.00055	0.004	U	0.00055	0.004	U	0.00055	0.004	U
4,4'-DDT	50-29-3	0.03	0.00061	0.00031	0.004	U	0.00031	0.004	U	0.00031	0.004	U
Endosulfan I (α)	959-98-8	0.007	0.0015	0.00075	0.002	U	0.00075	0.002	U	0.00075	0.002	U
Endosulfan II (β)	33213-65-9	0.007	0.0027	0.00135	0.004	U	0.00135	0.004	U	0.00135	0.004	U
I and II (α and β) Endosulfan		0.007		0.0021			0.0021			0.0021		
Endrin	72-20-8	0.007	0.00067	0.00034	0.004	U	0.00034	0.004	U	0.00034	0.004	U
Heptachlor	76-44-8	0.01	0.0011	0.00055	0.002	UJ4	0.00055	0.002	UJ4	0.00055	0.002	UJ4
Heptachlor epoxide	1024-57-3	0.01	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.00043	0.002	U
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	0.26	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Toxaphene	8001-35-2	0.04	0.013	0.0065	0.092	U	0.0065	0.093	U	0.0065	0.093	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 5c - continued. Metal Analysis of of Elutriate (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL*	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)		
Core Location Name:		ppb (µg/L)		NAE9a (Surface) Rep 1			NAE9a (Surface) Rep 2			NAE9a (Surface) Rep 3		
ASI ID #:				20200431a			20200431a			20200431a		
Enthalpy ID #:				34274-020			34274-021			34274-022		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Arsenic	7440-38-2	1	0.15*	62.2	0.500		61.6	0.500		61.7	0.500	
Cadmium	7440-43-9	1	0.013*	0.0065	0.100	U	0.0065	0.100	U	0.0065	0.100	U
Chromium, total	7440-47-3	1	0.19*	0.095	0.500	U	0.095	0.500	U	0.095	0.500	U
Copper	7440-50-8	0.6	0.05*	0.025	0.500	U	0.025	0.500	U	0.025	0.500	U
Lead	7439-92-1	1	0.011*	0.0055	0.200	U	0.0055	0.200	U	0.0055	0.200	U
Nickel	7440-02-0	1	0.1*	1.10	1.00		1.00	1.00		1.10	1.00	
Selenium	7782-49-2	1	0.1*	0.050	0.500	U	0.050	0.500	U	0.050	0.500	U
Silver	7440-22-4	0.5	0.017*	0.0085	0.200	U	0.0085	0.200	U	0.0085	0.200	U
Zinc	7440-66-6	1	0.3*	13.8	1.00		10.4	1.00		9.70	1.00	
Enthalpy ID #:				34274-026			34274-027			34274-028		
Chromium VI	18540-29-9	5	1.6	0.800	5.00	U	0.800	5.00	U	0.800	5.00	U
Enthalpy ID #:				34274-023			34274-024			34274-025		
Mercury	7439-97-6	0.4	0.0005	0.00025	0.010	U	0.00025	0.010	U	0.00025	0.010	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

*MDL adjusted for dilution factor.

Table 5c - continued. PCB Congener Analysis of Elutriate (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			Elutriate (Units: µg/L)			
Core Location Name:			ppb (µg/L)	0.006	0.00052	NAE9a (Surface) Rep 1			NAE9a (Surface) Rep 2			NAE9a (Surface) Rep 3		
ASI ID #:						20200431a			20200431a			20200431a		
Enthalpy ID #:						34274-032			34274-033			34274-034		
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q	
PCB-008*	2,4'-DiCB	34883-43-7	0.006	0.00052	0.002	0.002	UJ5, J7	0.00026	0.002	U	0.00026	0.002	U	
PCB-018*	2,2',5'-TrCB	37680-65-2	0.006	0.00062	0.0008	0.002	J5J7J14	0.00031	0.002	U	0.00031	0.002	U	
PCB-028*	2,4,4'-TrCB	7012-37-5	0.006	0.00047	0.000235	0.002	U	0.000235	0.002	U	0.000235	0.002	U	
PCB-044*	2,2',3,5'-TeCB	41464-39-5	0.006	0.00046	0.00023	0.002	UJ4	0.0005	0.002	J4, J14	0.0002	0.002	UJ4	
PCB-049	2,2',4,5'-CB	41464-40-8	0.006	0.00033	0.000165	0.002	UJ4	0.0004	0.002	J4, J14	0.0007	0.002	J4, J14	
PCB-052*	2,2',5,5'-TeCB	35693-99-3	0.006	0.00036	0.0005	0.002	J14	0.0004	0.002	J14	0.00018	0.002	U	
PCB-066*	2,3',4,4'-TeCB	32598-10-0	0.006	0.00037	0.00019	0.002	U	0.000185	0.002	U	0.0004	0.002	J14	
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	0.006	0.00081	0.000405	0.002	U	0.000405	0.002	U	0.001	0.002	J14	
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	0.006	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.0011	0.002	J14	
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	0.006	0.00079	0.000395	0.002	U	0.000395	0.002	U	0.000395	0.002	U	
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	0.006	0.00046	0.00023	0.002	U	0.00023	0.002	U	0.00023	0.002	U	
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	0.006	0.00040	0.001	0.002	J14	0.0002	0.002	U	0.0002	0.002	U	
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	0.006	0.00066	0.00033	0.002	UJ4	0.00033	0.002	UJ4	0.00033	0.002	UJ4	
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	0.006	0.00042	0.0005	0.002	J4, J14	0.00021	0.002	UJ4	0.00021	0.002	UJ4	
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	0.006	0.00097	0.000485	0.002	U	0.000485	0.002	U	0.000485	0.002	U	
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	0.006	0.00058	0.00029	0.002	UJ4	0.00029	0.002	UJ4	0.00029	0.002	UJ4	
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	0.006	0.00084	0.00042	0.002	UJ4	0.00042	0.002	UJ4	0.00042	0.002	UJ4	
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	0.006	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.0007	0.002	J14	
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	0.006	0.00089	0.000445	0.002	U	0.000445	0.002	U	0.000445	0.002	U	
PCB-195*	2,2',3,3',4,4',5,6'-OxCB	52663-78-2	0.006	0.0019	0.00095	0.002	U	0.00095	0.002	U	0.00095	0.002	U	
PCB-206*	2,2',3,3',4,4',5,5',6'-NoCB	40186-72-9	0.006	0.00078	0.001	0.002	J14	0.001	0.002	J14	0.0004	0.002	U	
PCB-209*	DecaCB	2051-24-3	0.006	0.00084	0.00042	0.002	U	0.0009	0.002	J14	0.0009	0.002	J14	
PCBs ²					0.02085			0.01551			0.01508			

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 6. Pentachlorophenol Analysis of Site Blank (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Site Blank (Units: µg/L)			Site Blank (Units: µg/L)			Site Blank (Units: µg/L)		
Core Location Name:	ppb (µg/L)			Site Blank Rep 1			Site Blank Rep 2			Site Blank Rep 3		
ASI ID #:				20200431a			20200431a			20200431a		
Enthalpy ID #:				34274-010			34274-011			34274-012		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Pentachlorophenol	87-86-5	2.60	1.9	0.950	2.30	U	0.950	2.30	U	0.950	2.30	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 6 - continued. Pesticide Analysis of Site Blank (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL	Site Blank (Units: µg/L)			Site Blank (Units: µg/L)			Site Blank (Units: µg/L)		
Core Location Name:	ppb (µg/L)			Site Blank Rep 1			Site Blank Rep 2			Site Blank Rep 3		
ASI ID #:				20200431a			20200431a			20200431a		
Enthalpy ID #:				34274-016			34274-017			34274-018		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Aldrin	309-00-2	0.26	0.00032	0.00016	0.002	U	0.00016	0.002	U	0.00016	0.002	U
cis-Chlordane (α)	5103-71-9	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
trans-Chlordane (γ)	5103-74-2	0.02	0.00047	0.00024	0.002	U	0.00024	0.002	U	0.00024	0.002	U
Chlordane (cis and trans) (α and γ)		0.02	0.00047	0.00047			0.00047			0.00047		
Chloropyrifos	2921-88-2	0.002	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Dieldrin	60-57-1	0.14	0.0011	0.00055	0.004	U	0.00055	0.004	U	0.00055	0.004	U
4,4'-DDT	50-29-3	0.03	0.00061	0.00031	0.004	U	0.00031	0.004	U	0.00031	0.004	U
Endosulfan I (α)	959-98-8	0.007	0.0015	0.00075	0.002	U	0.00075	0.002	U	0.00075	0.002	U
Endosulfan II (β)	33213-65-9	0.007	0.0027	0.00135	0.004	U	0.00135	0.004	U	0.00135	0.004	U
I and II (α and β) Endosulfan		0.007		0.0021			0.0021			0.0021		
Endrin	72-20-8	0.007	0.00067	0.00034	0.004	U	0.00034	0.004	U	0.00034	0.004	U
Heptachlor	76-44-8	0.01	0.0011	0.00055	0.002	UJ4	0.00055	0.002	UJ4	0.00055	0.002	UJ4
Heptachlor epoxide	1024-57-3	0.01	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.00043	0.002	U
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	0.26	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
Toxaphene	8001-35-2	0.04	0.013	0.0065	0.092	U	0.0065	0.093	U	0.0065	0.093	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

Table 6 - continued. Metal Analysis of of Site Blank (CENAE RIM)

ASI Job #: 40-126		RIM Reporting Limit	Enthalpy MDL*	Site Blank (Units: µg/L)			Site Blank (Units: µg/L)			Site Blank (Units: µg/L)		
Core Location Name:		ppb (µg/L)		Site Blank Rep 1			Site Blank Rep 2			Site Blank Rep 3		
ASI ID #:				20200431a			20200431a			20200431a		
Enthalpy ID #:				34274-001			34274-002			34274-003		
Analyte Name	CAS No.			Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
Arsenic	7440-38-2	1	0.15*	1.30	0.500		1.20	0.500		1.20	0.500	
Cadmium	7440-43-9	1	0.013*	0.0065	0.100	U	0.0065	0.100	U	0.0065	0.100	U
Chromium, total	7440-47-3	1	0.19*	0.095	0.500	U	0.095	0.500	U	0.095	0.500	U
Copper	7440-50-8	0.6	0.05*	0.900	0.500		0.700	0.500		1.00	0.500	
Lead	7439-92-1	1	0.011*	0.0055	0.200	U	0.0055	0.200	U	0.0055	0.200	U
Nickel	7440-02-0	1	0.1*	2.00	1.00		1.40	1.00		1.20	1.00	
Selenium	7782-49-2	1	0.1*	0.050	0.500	U	0.050	0.500	U	0.050	0.500	U
Silver	7440-22-4	0.5	0.017*	0.0085	0.200	U	0.0085	0.200	U	0.0085	0.200	U
Zinc	7440-66-6	1	0.3*	5.10	1.00		3.50	1.00		5.10	1.00	
Enthalpy ID #:				34274-007			34274-008			34274-009		
Chromium VI	18540-29-9	5	1.6	0.800	5.00	U	0.800	5.00	U	0.800	5.00	U
Enthalpy ID #:				34274-004			34274-005			34274-006		
Mercury	7439-97-6	0.4	0.0005	0.00025	0.010	U	0.00025	0.010	U	0.00025	0.010	U

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

*MDL adjusted for dilution factor.

Table 6 - continued. PCB Congener Analysis of of Site Blank (CENAE RIM)

ASI Job #: 40-126		CAS No.	RIM Reporting Limit	Enthalpy MDL	Site Blank (Units: µg/L)			Site Blank (Units: µg/L)			Site Blank (Units: µg/L)		
Core Location Name:					Site Blank Rep 1			Site Blank Rep 2			Site Blank Rep 3		
ASI ID #:					20200431a			20200431a			20200431a		
Enthalpy ID #:					34274-013			34274-014			34274-015		
Analyte Name					Result ¹	RL	Q	Result ¹	RL	Q	Result ¹	RL	Q
PCB-008*	2,4'-DiCB	34883-43-7	0.006	0.00052	0.00026	0.002	U	0.00026	0.002	U	0.00026	0.002	U
PCB-018*	2,2',5'-TrCB	37680-65-2	0.006	0.00062	0.0006	0.002	J14	0.00031	0.002	U	0.00031	0.002	U
PCB-028*	2,4,4'-TrCB	7012-37-5	0.006	0.00047	0.0005	0.002	J14	0.000235	0.002	U	0.0009	0.002	J14
PCB-044*	2,2',3,5'-TeCB	41464-39-5	0.006	0.00046	0.0005	0.002	J4, J14	0.00023	0.002	UJ4	0.0005	0.002	J4, J14
PCB-049	2,2',4,5'-CB	41464-40-8	0.006	0.00033	0.000165	0.002	UJ4	0.000165	0.002	UJ4	0.000165	0.002	UJ4
PCB-052*	2,2',5,5'-TeCB	35693-99-3	0.006	0.00036	0.00018	0.002	U	0.0006	0.002	J14	0.0004	0.002	J14
PCB-066*	2,3',4,4'-TeCB	32598-10-0	0.006	0.00037	0.0006	0.002	J14	0.000185	0.002	U	0.0005	0.002	J14
PCB-087	2,2',3,4,5'-PeCB	38380-02-8	0.006	0.00081	0.000405	0.002	U	0.000405	0.002	U	0.000405	0.002	U
PCB-101*	2,2',4,5,5'-PeCB	37680-73-2	0.006	0.00086	0.00043	0.002	U	0.00043	0.002	U	0.00043	0.002	U
PCB-105*	2,3,3',4,4'-PeCB	32598-14-4	0.006	0.00079	0.000395	0.002	U	0.000395	0.002	U	0.000395	0.002	U
PCB-118*	2,3',4,4',5'-PeCB	31508-00-6	0.006	0.00046	0.00023	0.002	U	0.00023	0.002	U	0.00023	0.002	U
PCB-128*	2,2',3,3',4,4'-HxCB	38380-07-3	0.006	0.00040	0.0002	0.002	U	0.0002	0.002	U	0.0002	0.002	U
PCB-138*	2,2',3,4,4',5'-HxCB	35065-28-2	0.006	0.00066	0.00033	0.002	UJ4	0.00033	0.002	UJ4	0.00033	0.002	UJ4
PCB-153*	2,2',4,4',5,5'-HxCB	35065-27-1	0.006	0.00042	0.00021	0.002	UJ4	0.0005	0.002	J4, J14	0.0009	0.002	J4, J14
PCB-170*	2,2',3,3',4,4',5'-HpCB	35065-30-6	0.006	0.00097	0.000485	0.002	U	0.001	0.002	J14	0.000485	0.002	U
PCB-180*	2,2',3,4,4',5,5'-HpCB	35065-29-3	0.006	0.00058	0.00029	0.002	UJ4	0.00029	0.002	UJ4	0.00029	0.002	UJ4
PCB-183	2,2',3,4,4',5',6'-HpCB	52663-69-1	0.006	0.00084	0.00042	0.002	UJ4	0.00042	0.002	UJ4	0.00042	0.002	UJ4
PCB-184	2,2',3,4,4',6,6'-HpCB	74472-48-3	0.006	0.00058	0.00029	0.002	U	0.00029	0.002	U	0.00029	0.002	U
PCB-187*	2,2',3,4',5,5',6'-HpCB	52663-68-0	0.006	0.00089	0.000445	0.002	U	0.000445	0.002	U	0.000445	0.002	U
PCB-195*	2,2',3,3',4,4',5,6'-OcCB	52663-78-2	0.006	0.0019	0.00095	0.002	U	0.00095	0.002	U	0.00095	0.002	U
PCB-206*	2,2',3,3',4,4',5,5',6'-NoCB	40186-72-9	0.006	0.00078	0.00039	0.002	U	0.00039	0.002	U	0.001	0.002	J14
PCB-209*	DecaCB	2051-24-3	0.006	0.00084	0.0017	0.002	J14	0.00042	0.002	U	0.0011	0.002	J14
PCBs ²					0.01739			0.0148			0.01925		

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.

² Total by NOAA summation of congeners. Sum of eighteen congeners marked with a "*", multiplied by 2.

Table 7. Mercury Analysis of All Bulk Sediment Samples (CENAE RIM)

ASI Job #: 40-126				Bulk Sediment (Units: mg/kg)		
				Percent Moisture	Mercury	
					Cas No. 7439-97-6	
					RIM Reporting Limit: 0.02	
				RL = 0.1	MDL: 0.0011	
Core Location Name	ASI ID #	Enthalpy ID #	%	Result ¹	RL	Q
NAE2a (Surface)	20200424a	34272-001	21.3	0.022	0.010	
NAE2b (Transition)	20200424b	34272-002	11.7	0.012	0.010	
NAE2c (Deep)	20200424c	34272-003	15.7	0.011	0.010	
NAE3a (Surface)	20200425a	34272-026	10.0	0.00055	0.010	U
NAE3b (Transition)	20200425b	34272-028	10.6	0.00055	0.010	U
NAE3c (Deep)	20200425c	34272-029	13.1	0.00055	0.010	U
NAE4a (Surface)	20200426a	34272-004	18.6	0.021	0.010	
NAE4b (Transition)	20200426b	34272-005	20.1	0.00055	0.010	U
NAE4c (Deep)	20200426c	34272-006	15.7	0.00055	0.010	U
NAE5a (Surface)	20200427a	34272-007	20.1	0.014	0.010	
NAE5b (Transition)	20200427b	34272-008	16.9	0.010	0.010	
NAE5c (Deep)	20200427c	34272-009	8.00	0.00055	0.010	U
NAE6a (Surface)	20200428a	34272-031	12.0	0.00055	0.010	U
NAE6b (Transition)	20200428b	34272-033	16.8	0.00055	0.010	U
NAE6c (Deep)	20200428c	34272-034	22.6	0.00055	0.010	U
NAE7a (Surface)	20200429a	34272-010	28.8	0.051	0.010	
NAE7b (Transition)	20200429b	34272-011	25.2	0.00055	0.010	U
NAE7c (Deep)	20200429c	34272-012	16.3	0.00055	0.010	U
NAE8a (Surface)	20200430a	34272-013	51.9	0.129	0.010	
NAE8b (Transition)	20200430b	34272-014	37.1	0.012	0.010	
NAE8c (Deep)	20200430c	34272-015	40.7	0.011	0.010	
NAE9a (Surface)	20200431a	34272-035	59.9	0.142	0.010	
NAE9b (Transition)	20200431b	34272-037	53.2	0.020	0.010	
NAE9c (Deep)	20200431c	34272-038	42.7	0.012	0.010	
NAE10a (Surface)	20200432a	34272-016	60.2	0.215	0.010	
NAE10b (Transition)	20200432b	34272-017	56.6	0.034	0.010	
NAE10c (Deep)	20200432c	34272-018	45.0	0.013	0.010	
NAE11a (Surface)	20200433a	34272-019	63.1	0.245	0.010	
NAE11b (Transition)	20200433b	34272-020	54.3	0.023	0.010	
NAE11c (Deep)	20200433c	34272-021	50.8	0.016	0.010	

¹ Non-detected analytes (U qualifier) are reported as half the value of the MDL.