

6.0 ANALYTICAL RESULTS

Analytical results with QA/QC results as provided by the laboratory are enclosed as Appendix B. The following sections summarize the analytical results.

6.1 Soil Analysis Results

A total of one hundred and one (101) soil samples were collected from the project area. Sixty-one (61) soil samples were collected from shallow hand augured sites with the maximum depth of 9.1 feet. The majority of shallow sampling was conducted from 2 feet to approximately 6 feet. Forty (40) soil samples were collected from deep borings. Depths of boring ranged from approximately 20 feet to a maximum of 42 feet. Sampling of the deep borings was performed at approximately five foot intervals from the surface to total depth.

Soils were analyzed for Volatile Organics (VOA), Semivolatile Organics (SVOA), total metals and pesticides/polychlorinated biphenyls (PCB). A select set of soils were analyzed for asbestos.

Preliminary analytical results for VOA, SVOA, total metals and pesticide/PCB analysis were reviewed upon completion. Based upon the preliminary data review, thirty-eight (38) soil samples were analyzed by the Toxicity Characteristic Leaching Procedure (TCLP) for VOA, SVOA, Metals (8), Pesticides/PCB and Herbicides to determine if any sample would demonstrate TCLP concentrations above the regulatory limits. Quality Assurance/Quality Control (QA/QC) triplicate soil samples were collected and analyzed in conjunction with the soil samples. Tables 6.1 through 6.6 summarize the analytical results of detected compounds and contaminants. QC sample results are also included in the summary tables.

6.2 Groundwater Analysis Results

Three (3) groundwater samples were collected and analyzed for Volatile Organic Analysis (VOA), Semivolatile Organic Analysis (SVOA), total metals (23) and total petroleum hydrocarbons. One (1) Quality Control (QC) sample was collected and analyzed in conjunction with the groundwater samples. Tables 6.7 through 6.9 summarize the analytical results of detected parameters and associated QC results.

6.3 QA/QC

6.3.1 Laboratory Internal Quality Control

Internal quality control samples were analyzed per specific method to meet the project data quality objectives. All internal quality control analysis results were reported in laboratory reports on file with the USACE, St. Louis District office. The following analyses were included:

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils

Field I.D.	IHNC S1-1	IHNC S1-2	IHNC-S1DB-1	IHNC-S1DB-2	IHNC-S1DB-3	IHNC-S1DB-4	IHNC-S1DB-5
Lab I.D.	008543-08	008543-09	008562-05	008562-06	008562-07	008562-08	008562-09
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	111	ND
ACETONE	ND	ND	59.9	186	192	578	58.0
CARBON DISULFIDE	ND	14.0	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	9.0	8.0	71.4	100	32.8	64.5	18.6
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-SOPROPYL TOUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYL BENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds

Soils

Field ID.	HNC-S1DB-6	HNC-S1DB-7	HNC-S1DB-8	HNC-S1DB-8B	HNC-S2-1	HNC-S2-2	HNC-S2-3
Lab ID	008562-10	008562-11	008562-12	008562-13	008541-08	008541-09	008544-01
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	64.5	64.4	64.6	109	ND	81	ND
CARBON DISULFIDE	ND	ND	ND	ND	7	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	19.9	20.5	18.5	20.8	42	60	7.0
m & p XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Volatile Compounds

	Soils				
Field ID.	IHNC S2-4	IHNC-S2-5	IHNC-S2-6	IHNC-S2-9	IHNC-S2-10
Lab ID	008544-02	008564-06	008564-07	008564-08	008564-09
	SOIL UG/KG				
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	45.7	ND	ND
ACETONE	ND	83.2	328	84.2	127
CARBON DISULFIDE	ND	5.7	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	6.0	26.4	21.7	41.5	22.3
m&p-XYLENE	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND
p-ISOPROPYLTOUENE	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Volatile Compounds

Soils

Field ID	IHNC S2-13	IHNC S2-14	IHNC S2-15	IHNC S2-17	IHNC-S2DB-1	IHNC-S2DB-2	IHNC-S2DB-3
Lab I.D.	008543-04	008543-05	008543-06	008543-03	008565-03	008565-04	008565-05
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG				
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	62.0	94.0	ND	36.0	145	62.8	197
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	ND	ND	8.0	ND	36.1	25.8	41.3
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	12.2	ND	ND
p-ISOPROPYL TOLUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYL BENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY**
Detected Volatile Compounds

Soils

Field I.D.	IHNC-S2DB-4	IHNC S3-1	I-HNC S3-2	IHNC S3-2B	IHNC S3-3	IHNC S3-4	IHNC S3-5
Lab I.D.	008565-06	008543-14	008543-15	008543-16	008543-12	008543-13	008564-10
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	108	56.0	68.0	65.0	42.0	61.0	84.3
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	12.4
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	25.9	8.0	9.0	9.0	8.0	8.0	13.8
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils

Field I.D.	IHNC-S3-6	IHNC S3-7	IHNC-S3-9	IHNC-S3-10	IHNC-S3DB-1	IHNC-S3DB-2	IHNC-S3DB-2B
Lab ID	008564-11	008543-10	008564-12	008564-13	008564-01	008564-02	008554-03
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG				
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	68.6	ND	343	43.4	85.5	35.2	114
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	13.2	8.0	18.9	8.3	16.4	9.8	11.1
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYL TOLUENE	ND	ND	142	ND	ND	ND	ND
SEC-BUTYLEENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	10.3	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils**

Field ID.	IHNC-S3DB-3	IHNC-S3DB4	IHNC-S4-1	IHNC-S4-2	IHNC-S4-3	IHNC-S4-4	IHNC-S4-4B
Lab ID	008564-04	008564-05	008541-11	008541-12	008541-03	008541-04	008541-05
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	54.4	187	50	110	ND	ND	ND
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	9.7	19.2	41	66	27	26	65
m&p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds

Soils

Field ID.	IHNC-S4-5	IHNC-S4-6	IHNC-S4-7	IHNC-S4-8	IHNC-S4DB-1	IHNC-S4DB-2	IHNC-S4DB-3
Lab ID	008541-13	008541-14	008541-01	008541-02	008564-14	008564-15	008564-16
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG				
1,1-DICHLOROETHANE	22	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	6	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	38	100	22	ND	50.1	74.4	60.7
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	32	18	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	42	46	20	25	9	7.7	7.3
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYL TOLUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYL BENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils

Field I.D.	IHNC-S4DB-4	IHNC-S4DB-8	IHNC-S5-1	IHNC-S5-2	IHNC-S5DB-1	IHNC-S5DB-2	IHNC-S5DB-3
Lab I.D.	008564-17	008564-18	C0B541-06	008541-07	008564-19	008564-20	008565-01
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	107	86.1	ND	48	116	86.2	105
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8.8	7.4	25	25	8.5	8.6	30.1
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYL TOLEUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYL BENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils**

Field I.D.	IHNC-S5DB-4	IHNC-S6-1	IHNC-S6DB-1	IHNC-S6DB-2	IHNC-S6DB-3	IHNC-S6DB-4	IHNC-S6DB-4B
Lab I.D.	008565-02	008541-10	008565-07	008565-08	008565-09	008565-10	008565-11
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	109	22	47.6	111	87.2	83.7	90.9
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	24.0	59	25.7	43.6	34.5	25.5	32.5
m&p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYL TOUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYL BENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils**

Field I.D.	IHNC-S7-1	IHNC-S7-2	IHNC-S8-2	IHNC-S8-3	IHNC-S8-3-1	IHNC-S8-5	IHNC-S8DB-1
Lab I.D.	008543-01	008543-02	008542-11	008541-20	008542-01	008542-03	008562-01
	SOIL UG/KG	SOIL UG/KG	SCIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	470	ND	ND	ND	ND	ND	ND
ACETONE	220	31.0	78	40	ND	ND	96.8
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	ND	ND	14	10	ND	ND	92.7
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOluene	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	47	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils

Field I.D.	IHNC-S8DB-2	IHNC-S8DB-3	IHNC-S8DB-4	IHNC-S9-1	IHNC-S9-2	IHNC-S9-2-1	IHNC-S9-4
Lab I.D.	008562-02	008562-03	008562-04	008539-08	008539-09	008539-10	008542-09
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	103	190	154	37	100	68	ND
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	92.5	87.2	124	10	13	12	19
m & p-PXYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYL TOLUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLEENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
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Soils

Field I.D.	IHNC-S9-5	IHNC-S9-6	IHNC-S9-6B	IHNC-S9-7	IHNC-S9-8	IHNC-S9DB-2	IHNC-S9DB-5
Lab I.D.	008539-07	008539-05	008539-06	008539-11	008539-12	008542-05	008541-15
	SOIL UG/KG	SOIL UG/KG					
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	84	ND	ND	39	24	54	170
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	19	16	17	12	11	ND	11
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	4	ND
p-ISOPROPY-TOLUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils**

Field I.D.	IHNC-S9DB-6	IHNC-S9DB-7	IHNC-S9DB-8	IHNC-S9DB-8B	IHNC-S10-1	IHNC-S10-2	IHNC-S10-3
Lat I.D.	008541-16	008541-17	008541-18	008541-19	008539-01	008539-02	008539-03
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND
ACETONE	55	66	65	45	ND	ND	ND
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	53	64	56	53	10	9	10
m & p-XYLENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLtolUENE	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND

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ANALYTICAL SUMMARY
Detected Volatile Compounds
Soils

Field I.D.	IHNC-S10-4
Lab I.D.	008539-04
	SOIL UG/KG
1,1-DICHLOROETHANE	ND
1,1-DICHLOROETHENE	ND
1,2,4-TRIMETHYLBENZENE	ND
1,3,5-TRIMETHYLBENZENE	ND
2-BUTANONE	ND
ACETONE	ND
CARBON DISULFIDE	ND
CHLOROETHANE	ND
METHYLENE CHLORIDE	10
m & p-XYLENE	ND
NAPHTHALENE	ND
p-ISOPROPYLIDUENE	ND
SEC-BUTYLBENZENE	ND
TOLUENE	ND

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils**

Field I.D.	IHNC S1-1	IHNC S1-2	IHNC-S1DB-1	IHNC-S1DB-2	IHNC-S1DB-3	IHNC-S1DB-4	IHNC-S1DB-5
Lab I.D.	008543-08	008543-09	008562-05	008562-06	008562-07	008562-08	008562-09
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	110	ND	66.7	ND	ND	ND	ND
ACENAPHTHYLENE	1200	ND	ND	ND	ND	ND	ND
ANTHRACENE	1900	77.0	51.7	ND	ND	ND	ND
BENZO(a)ANTHRACENE	7000	130	63.4	ND	ND	ND	ND
BENZO(a)PYRENE	7500	140	63.9	ND	ND	195	224
BENZO(b)FLUORANTHENE	12000	180	82.2	ND	ND	ND	ND
BENZO(g,h,i)PERYLENE	2000	74.0	52.0	ND	ND	ND	ND
BENZO(k)FLUORANTHENE	5400	110	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHthalATE	90.0	65.0	1040	148	218	327	94.9
CHRYSENE	14000	160	98.0	ND	ND	ND	ND
DIBENZO(a,h)ANTHRACENE	1300	ND	ND	ND	ND	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalATE	ND	ND	167	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHthalATE	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	12000	310	195	ND	ND	ND	ND
FLUORENE	250	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	2400	62.0	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	2700	220	51.8	ND	ND	ND	ND
PYRENE	13000	310	183	45.4	ND	ND	ND

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils**

Field I.D.	IHNC-S1DB-6	IHNC-S1DB-7	IHNC-S1DB-8	IHNC-S1DB-9	IHNC-S2-4	IHNC-S2-2	IHNC S2-3
Lab I.D.	008562-10	008562-11	008562-12	008562-13	008541-08	008541-09	008544-01
SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	ND	ND	ND	ND	ND	ND	ND
BENZO(a)ANTHRACENE	ND	ND	ND	ND	ND	ND	ND
BENZO(a)PYRENE	68.1	610	472	468	ND	ND	ND
BENZO(b)FLUORANTHENE	ND	ND	ND	ND	ND	ND	ND
BENZO(g,h,i)PERYLENE	ND	ND	ND	ND	ND	ND	ND
BENZO(k)FLUORANTHENE	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	50.3	66.7	235	231	ND	48	960
CHRYSENE	ND	ND	ND	ND	ND	ND	400
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	ND	ND	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalate	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalate	ND	ND	ND	83.2	ND	ND	ND
DI-N-OCTYL PHthalate	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	ND	ND	ND	ND	42	ND	540
FLUORENE	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	ND	ND	ND	ND	ND	ND	280
PYRENE	ND	ND	ND	55	ND	ND	860

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils**

Field I.D.	IHNC S2-4	IHNC-S2-5	IHNC-S2-6	IHNC S2-7	IHNC S2-8	IHNC-S2-9	IHNC-S2-10
Lab I.D.	008544-02	008564-06	008564-07	008543-19	008543-20	008564-08	008564-09
	SOIL UG/KG						
2-METHYLNAPHTHALENE	ND						
ACENAPHTHENE	ND	ND	ND	69.0	74.0	ND	173
ACENAPHTHYLENE	ND	ND	ND	66.0	ND	ND	ND
ANTHRACENE	ND	ND	ND	270	200	ND	97.3
BENZO(a)ANTHRACENE	150	ND	ND	510	290	ND	221
BENZO(a)PYRENE	150	ND	ND	480	270	ND	219
BENZO(b)FLUORANTHENE	180	ND	ND	660	320	ND	246
BENZO(g,h,i)PERYLENE	68.0	ND	ND	150	85.0	ND	104
BENZO(k)FLUORANTHENE	130	ND	ND	420	260	ND	170
BIS(2-ETHYLHEXYL)PHTHALATE	200	ND	ND	80.0	310	257	271
CHRYSENE	170	46.6	41.8	560	300	ND	266
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	70.0	42	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	47.0	ND	ND
DIETHYLPHthalate	ND						
DI-N-BUTYLPHthalate	ND						
DI-N-OCTYLPHthalate	ND						
FLUORANTHENE	200	66.9	59.0	1100	650	ND	547
FLUORENE	ND	ND	ND	96.0	78.0	ND	88.0
INDENO[1,2,3-cd]PYRENE	640	ND	ND	160	93.0	ND	99.2
NAPHTHALENE	ND	ND	ND	ND	ND	ND	323
PHENANTHRENE	42.0	ND	ND	800	600	ND	415
PYRENE	350	77.7	57.1	900	550	ND	485

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC S2-11	IHNC S2-12	IHNC S2-13	IHNC S2-14	IHNC S2-15	IHNC S2-16	IHNC S2-17
Lab I.D.	008543-17	008543-18	008543-04	008543-05	008543-06	008543-07	008543-03
	SOIL UG/KG						
2-METHYLNAPHTHALENE	ND						
ACENAPHTHENE	44.0	ND	72.0	340	ND	320	ND
ACENAPHTHYLENE	56.0	ND	96.0	110	98.0	220	60.0
ANTHRACENE	130	ND	170	130	130	820	140
BENZO(a)ANTHRACENE	310	ND	490	540	350	1800	320
BENZO(a)PYRENE	350	ND	480	620	430	1800	370
BENZO(b)FLUORANTHENE	510	ND	660	820	630	2400	470
BENZO(g,h,i)PERYLENE	140	ND	300	320	250	720	240
BENZO(k)FLUORANTHENE	320	ND	460	460	390	1300	260
BIS(2-ETHYLHEXYL)PHTHALATE	60.0	1000	410	170	120	180	110
CHRYSENE	440	ND	560	660	460	2100	400
DIBENZO(a,h)ANTHRACENE	700	ND	89.0	140	100	310	82.0
DIBENZOFURAN	ND	ND	ND	ND	ND	97.0	ND
DIETHYLPHthalate	ND						
DI-N-BUTYLPHthalate	ND						
DI-N-OCTYL PHthalate	ND						
FLUORANTHENE	780	91.0	1100	1000	540	5100	840
FLUORENE	ND	ND	90.0	140	ND	340	ND
INDENO(1,2,3-cd)PYRENE	160	ND	300	320	240	770	210
NAPHTHALENE	ND						
PHENANTHRENE	420	ND	570	280	200	3100	440
PYRENE	670	94.0	1000	980	500	4100	710

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils**

Field ID.	IHNC-S2DB-1	IHNC-S2DB-2	IHNC-S2DB-3	IHNC-S2DB-4	IHNC S3-1	IHNC S3-2	IHNC S3-2B
Lab ID.	008565-03	008565-04	008565-05	008565-06	008563-14	008543-15	008543-16
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	218	ND	144	119	ND	ND	ND
ACENAPHTHENE	344	172	640	697	81.0	460	330
ACENAPHTHYLENE	ND	ND	ND	ND	220	140	150
ANTHRACENE	ND	166	800	780	280	600	350
BENZO(a)ANTHRACENE	ND	ND	318	548	1000	1800	1100
BENZO(a)PYRENE	ND	ND	87.3	143	1000	1800	1200
BENZO(b)FLUORANTHENE	ND	ND	215	176	1600	2700	1800
BENZO(g,h,i)PERYLENE	ND	ND	ND	ND	340	770	470
BENZO(k)FLUORANTHENE	ND	ND	ND	190	820	1100	620
BIS(2-ETHYLHEXYL)PHTHALATE	ND	ND	361	ND	110	76.0	100
CHRYSENE	ND	ND	348	504	1200	1800	1400
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	ND	120	290	200
DIBENZOFURAN	93.2	ND	216	285	ND	92.0	ND
DIETHYLPHthalate	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalate	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHthalate	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	97.2	580	1940	3080	1500	4100	2500
FLUORENE	161	ND	696	879	69.0	320	180
INDENO(1,2,3-cd)PYRENE	ND	ND	ND	ND	340	760	500
NAPHTHALENE	368	ND	111	ND	ND	ND	ND
PHENANTHRENE	203	699	2340	3340	390	2200	1200
PYRENE	99.6	405	1210	2060	1700	3400	2200

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC S3-3	IHNC S3-4	IHNC-S3-5	IHNC-S3-6	IHNC S3-7	IHNC S3-8	IHNC-S3-9
Lab I.D.	008543-12	008543-13	008564-0	008564-11	008543-1C	008543-11	008564-12
	SOIL UG/KG						
2-METHYLNAPHTHALENE	ND						
ACENAPHTHENE	46.0	64.0	ND	ND	ND	ND	ND
ACENAPHTHYLENE	ND	160	ND	ND	ND	ND	ND
ANTHRACENE	85.0	230	74.9	ND	ND	ND	62.9
BENZO(a)ANTHRACENE	260	610	327	93.3	ND	ND	426
BENZO(a)PYRENE	230	660	108	71.4	190	ND	560
BENZO(b)FLUORANTHENE	370	960	346	81.4	ND	ND	593
BENZO(g,h,i)PERYLENE	110	360	ND	ND	ND	ND	358
BENZOM(FLUORANTHENE	160	460	167	ND	ND	ND	546
BIS(2-ETHYLHEXYL)PHTHALATE	170	49.0	292	261	140	120	228
CHRYSENE	270	740	490	109	ND	ND	664
DIBENZO(a,h)ANTHRACENE	78.0	150	ND	ND	ND	ND	115
DIBENZOFURAN	ND	46	ND	ND	ND	ND	ND
DIETHYLPHthalate	ND						
DI-N-BUTYLPHthalate	ND						
DI-N-OCTYL PHthalate	ND						
FLUORANTHENE	670	1400	635	146	ND	ND	ND
FLUORENE	730	93.0	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	950	360	ND	ND	ND	ND	320
NAPHTHALENE	ND						
PHENANTHRENE	260	680	138	ND	ND	ND	455
PYRENE	560	1200	599	132	55.0	40.0	1150

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC-S3-10	IHNC-S3DB-1	IHNC-S3DB-2	IHNC-S3DB-2B	IHNC-S3DE-3	IHNC-S3DB-4	IHNC-S3DB-4
Lab I.D.	008564-13	008564-01	008564-32	008564-03	008564-04	008564-05	008564-11
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	121	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	ND	ND	ND	ND	ND	ND	ND
BENZO(a)ANTHRACENE	43.8	78.4	34.3	ND	ND	ND	85
BENZO(a)PYRENE	58.2	95.1	45.0	ND	ND	ND	230
BENZO(b)FLUORANTHENE	ND	90.5	ND	ND	ND	ND	220
BENZO(g,h,i)PERYLENE	ND	73.2	ND	ND	ND	ND	120
BENZO(k)FLUORANTHENE	ND	ND	ND	ND	ND	ND	190
BIS(2-ETHYLHEXYL)PHTHALATE	313	184	277	268	ND	106	170
CHRYSENE	63.0	85.6	54.2	ND	ND	ND	250
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	ND	ND	ND	50
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalate	ND	ND	ND	254	ND	ND	ND
DI-N-BUTYLPHthalate	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYLPHthalate	ND	108	ND	ND	ND	ND	ND
FLUORANTHENE	107	107	73.7	ND	ND	ND	480
FLUORENE	ND	ND	ND	ND	ND	ND	46
INDENO(1,2,3-cd)PYRENE	ND	60.8	ND	ND	ND	ND	110
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	452	ND	ND	ND	ND	ND	340
PYRENE	112	106	81.0	ND	ND	ND	390

TABLE 6.2
 INNER HARBOR NAVIGATION CANAL
 ANALYTICAL SUMMARY
 Detected Semi-Volatile Compounds
 Soils

Field I.D.	IHNC-S4-2	IHNC-S4-3	IHNC-S4-4	IHNC-S4-4B	IHNC-S4-5	IHNC-S4-7	IHNC-S4-8
Lat I.D.	008541-12	008541-03	008541-04	008541-05	008541-13	008541-01	008541-32
	SOIL UG/KG						
2-METHYLNAPHTHALENE	ND						
ACENAPHTHENE	ND						
ACENAPHTHYLENE	ND						
ANTHRACENE	ND						
BENZO(a)ANTHRACENE	ND						
BENZO(a)PYRENE	390	ND	ND	ND	ND	ND	ND
BENZO(b)FLUORANTHENE	ND						
BENZO(g,h,i)PERYLENE	ND						
BENZO(k)FLUORANTHENE	ND						
BIS(2-ETHYLHEXYL)PHTHALATE	ND	250	62	1.0	ND	180	47
CHRYSENE	ND	ND	ND	ND	190	ND	ND
DIBENZO(a,h)ANTHRACENE	ND						
DIBENZOFURAN	ND						
DIETHYLPHthalate	ND						
DI-N-BUTYL PHTHALATE	ND	73	110	ND	ND	85	97
DI-N-OCTYL PHTHALATE	ND						
FLUORANTHENE	ND	ND	ND	ND	360	ND	ND
FLUORENE	ND						
INDENO(1,2,3-cd)PYRENE	ND	ND	ND	ND	62	ND	ND
NAPHTHALENE	ND						
PHENANTHRENE	ND	ND	ND	ND	390	ND	ND
PYRENE	ND	ND	ND	ND	360	ND	ND

TABLE 6.2
INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field ID.	IHNC-S4DB-1	IHNC-S4DB-2	IHNC-S4DB-3	IHNC-S4DB-4	IHNC-S4DB-4B	IHNC-S5-1	IHNC-S5-2
Lab ID.	008564-14	008564-15	008564-16	008564-17	008564-18	008541-06	008541-07
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG				
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	67
ACENAPHTHENE	ND	ND	ND	ND	ND	ND	220
ACENAPHTHYLENE	ND	ND	ND	ND	ND	150	210
ANTHRACENE	ND	ND	ND	ND	ND	230	630
BENZO(a)ANTHRACENE	ND	ND	ND	ND	ND	780	1400
BENZO(a)PYRENE	476	457	150	735	473	830	1300
BENZO(b)FLUORANTHENE	ND	ND	ND	ND	ND	1000	1700
BENZO(g,h,i)PERYLENE	ND	ND	ND	ND	ND	480	680
BENZO(k)FLUORANTHENE	ND	ND	ND	ND	ND	780	1000
BIS(2-ETHYLHEXYL)PHTHALATE	ND	207	163	ND	ND	1000	630
CHRYSENE	ND	ND	ND	ND	ND	870	1500
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	ND	ND	150	230
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	130
DIETHYLPHthalate	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalate	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHthalate	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	ND	NC	ND	ND	ND	1400	3100
FLUORENE	ND	NC	ND	ND	ND	ND	260
INDENO(1,2,3-c)PYRENE	ND	NC	ND	ND	ND	460	620
NAPHTHALENE	ND	NC	ND	ND	ND	ND	60
PHENANTHRENE	ND	NC	ND	ND	ND	520	2200
PYRENE	ND	NC	ND	ND	ND	ND	2800

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils**

Field I.D.	IHNC-S5DB-1	IHNC-S5DB-2	IHNC-S5DB-3	IHNC-S5DB-4	IHNC-S6-1	IHNC-S6DB-2	IHNC-S6DB-4B
Lab I.D.	008564-19	008564-20	008565-01	008565-02	008541-1C	008565-08	008565-11
SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	82.8	ND	ND	ND	ND	ND	ND
ANTHRACENE	84.1	ND	ND	ND	ND	ND	ND
BENZO(a)ANTHRACENE	194	ND	ND	ND	ND	ND	ND
BENZO(a)PYRENE	292	ND	163	64.8	ND	76.6	80.8
BENZO(b)FLUORANTHENE	424	ND	ND	ND	ND	ND	ND
BENZO(g,h)PERYLENE	198	ND	ND	ND	ND	ND	ND
BENZO(k)FLUORANTHENE	261	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHthalATE	101	140	167	215	83	173	ND
CHRYSENE	336	ND	ND	ND	ND	ND	ND
DIBENZO(a,h)ANTHRACENE	69.0	ND	ND	ND	ND	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalATE	ND	71.6	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND	ND	ND	ND	ND	ND	ND
DI-N-OCTYL PHthalATE	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	356	ND	ND	ND	ND	ND	ND
FLUORENE	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	180	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	119	ND	ND	ND	ND	ND	ND
PYRENE	345	ND	ND	ND	ND	ND	ND

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC S7-1	IHNC S7-2	IHNC-S8-1	IHNC-S8-2	IHNC-S8-3	IHNC-S8-4
Lab I.D.	008543-01	008543-02	008542-11	008542-10	008542-01	008542-02
	SOIL UG/KG					
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	95	ND	ND
ACENAPHTHYLENE	ND	ND	ND	ND	ND	ND
ANTHRACENE	53.0	ND	ND	ND	89	ND
BENZO(a)ANTHRACENE	220	ND	ND	ND	150	330
BENZO(a)PYRENE	250	ND	130	45	140	310
BENZO(b)FLUORANTHENE	310	ND	260	150	150	430
BENZO(g,h)PERYLENE	180	ND	98	ND	91	140
BENZO(k)FLUORANTHENE	220	ND	460	520	120	530
BIS(2-ETHYLHEXYL)PHTHALATE	410	74.0	ND	250	560	220
CHRYSENE	320	ND	ND	ND	150	310
DIBENZO(a,h)ANTHRACENE	77.0	ND	ND	ND	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	ND	ND
DIETHYLPHthalATE	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND	ND	43	43	ND	ND
DI-N-OCTYL PHTHALATE	ND	ND	ND	ND	ND	ND
FLUORANTHENE	510	ND	140	81	330	640
FLUORENE	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	160	ND	110	ND	85	160
NAPHTHALENE	ND	ND	ND	ND	ND	ND
PHENANTHRENE	170	ND	51	130	290	2300
PYRENE	440	ND	180	79	260	580

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC-S8DB-2	IHNC-S8DB-4	IHNC-S9-1	IHNC-S9-2	IHNC-S9-2-1	IHNC-S9-3	IHNC-S9-4
Lab I.D.	008562-02	008562-04	008539-08	008539-09	008539-10	008542-08	008542-09
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	ND	ND	55	140	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	ND	ND	ND	290	ND	ND	ND
ANTHRACENE	ND	ND	ND	180	ND	ND	ND
BENZO(a)ANTHRACENE	ND	ND	ND	1100	120	ND	ND
BENZO(a)PYRENE	ND	75.9	66	1500	170	ND	ND
BENZO(b)FLUORANTHENE	ND	ND	78	1600	200	100	110
BENZO(g,h)PERYLENE	ND	ND	65	1100	140	ND	ND
BENZO(k)FLUORANTHENE	ND	ND	55	1100	150	480	510
BIS(2-ETHYLHEXYL)PHthalATE	124	140	79	330	140	110	160
CHRYSENE	ND	ND	ND	1300	140	ND	ND
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	390	ND	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalATE	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND	ND	58	ND	ND	ND	ND
DI-N-OCTYL PHthalATE	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	ND	ND	71	1400	180	ND	ND
FLUORENE	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	ND	ND	53	1000	120	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	ND	ND	ND	160	ND	ND	ND
PYRENE	ND	ND	86	1500	180	ND	ND

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC-S8DB-2	IHNC-S8DB-4	IHNC-S9-1	IHNC-S9-2	IHNC-S9-2-1	IHNC-S9-3	IHNC-S9-4
Lab I.D.	008562-02	008562-04	008539-08	008539-09	008539-10	008542-08	008542-09
	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG	SOIL UG/KG
2-METHYLNAPHTHALENE	ND	ND	55	140	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	ND	ND	ND	290	ND	ND	ND
ANTHRACENE	ND	ND	ND	180	ND	ND	ND
BENZO(a)ANTHRACENE	ND	ND	ND	1100	120	ND	ND
BENZO(a)PYRENE	ND	75.9	66	1500	170	ND	ND
BENZO(b)FLUORANTHENE	ND	ND	78	1600	200	100	110
BENZO(g,h)PERYLENE	ND	ND	65	1100	140	ND	ND
BENZO(k)FLUORANTHENE	ND	ND	55	1100	150	480	510
BIS(2-ETHYLHEXYL)PHthalATE	124	140	79	330	140	110	160
CHRYSENE	ND	ND	ND	1300	140	ND	ND
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	390	ND	ND	ND
DIBENZOFURAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalATE	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND	ND	58	ND	ND	ND	ND
DI-N-OCTYL PHthalATE	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	ND	ND	71	1400	180	ND	ND
FLUORENE	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	ND	ND	53	1000	120	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	ND	ND	ND	160	ND	ND	ND
PYRENE	ND	ND	86	1500	180	ND	ND

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**INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils**

Field I.D.	IHNC-S9-5	IHNC-S9-6	IHNC-S9-6B	IHNC-S9-7	IHNC-S9-8	IHNC-S9DB-1	IHNC-S9DB-2
Lab I.D.	008539-07	008539-05	008539-06	008539-11	008539-12	008542-04	008542-05
	SOIL UG/KG	SOIL UG/KG					
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	ND	ND	ND	ND	ND	ND	ND
BENZO(a)ANTHRACENE	ND	ND	53	ND	ND	ND	ND
BENZO(a)PYRENE	ND	ND	47	ND	ND	ND	ND
BENZO(b)FLUORANTHENE	ND	ND	ND	ND	ND	ND	ND
BENZO(g,h)PERYLENE	ND	ND	ND	ND	ND	ND	ND
BENZO(k)FLUORANTHENE	ND	ND	ND	ND	ND	500	490
BIS(2-ETHYLHEXYL)PHthalATE	240	480	270	110	110	170	440
CHRYSENE	ND	ND	57	ND	ND	ND	ND
DIBENZO(a,h)ANTHRACENE	ND	ND	ND	ND	ND	ND	ND
DIBENZO(F,U)RAN	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHthalATE	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND	ND	50	110	150	ND	ND
DI-N-OCTYL PHthalATE	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	100	ND	110	ND	ND	ND	47
FLUORENE	510	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-cd)PYRENE	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	1400	ND	66	ND	ND	ND	ND
PYRENE	150	ND	85	ND	ND	ND	45

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INNER HARBOR NAVIGATION CANAL
ANALYTICAL SUMMARY
Detected Semi-Volatile Compounds
Soils

Field I.D.	IHNC-S9DB-3	IHNC-S9DB-4	IHNC-S9DB-5	IHNC-S9DB-6	IHNC-S9DB-7	IHNC-S9DB-8	IHNC-S9DB-9
Lab I.D.	008542-06	008542-07	008541-15	008541-17	008541-18	008541-19	008541-19
	SOIL UG/KG						
2-METHYLNAPHTHALENE	ND						
ACENAPHTHENE	ND						
ACENAPHTHYLENE	ND						
ANTHRACENE	ND						
BENZO(a)ANTHRACENE	ND						
BENZO(a)PYRENE	ND	ND	210	210	360	350	340
BENZO(b)FLUORANTHENE	ND						
BENZO(g,h,i)PERYLENE	ND						
BENZO(k)FLUORANTHENE	ND						
BIS(2-ETHYLHEXYL)PHthalATE	390	110	990	180	ND	390	690
CHRYSENE	ND						
DIBENZO(a,h)ANTHRACENE	ND						
DIBENZOFURAN	ND						
DIETHYLPHthalATE	ND	ND	63	ND	ND	ND	ND
DI-N-BUTYLPHthalATE	ND						
DI-N-OCTYL PHthalATE	ND						
FLUORANTHENE	ND						
FLUORENE	ND						
INDENO(1,2,3-cd)PYRENE	ND						
NAPHTHALENE	ND						
PHENANTHRENE	ND						
PYRENE	ND						