ANALYTICAL REPORT

Lab Number:	L2267995
Client:	Save the Sound 900 Chapel Street, Ste 2202 New Haven, CT 06510
ATTN:	Laura Wildman
Phone:	(203) 787-0646
Project Name:	KINNEYTOWN DAM
Project Number:	Not Specified
Report Date:	01/09/23

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2267995-01	KTD-01A	SEDIMENT	SEYMOUR, CT	12/03/22 15:15	12/05/22
L2267995-02	KTD-01B	SEDIMENT	SEYMOUR, CT	12/03/22 15:20	12/05/22
L2267995-03	KTD-01C	SEDIMENT	SEYMOUR, CT	12/03/22 15:25	12/05/22
L2267995-04	KTD-02A	SEDIMENT	SEYMOUR, CT	12/03/22 16:00	12/05/22
L2267995-05	KTD-02B	SEDIMENT	SEYMOUR, CT	12/03/22 16:05	12/05/22

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody?	NO
5b	Were these reporting limits met?	N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name:	KINNEYTOWN DAM	**Lab Number:**	L2267995
Project Number:	Not Specified	**Report Date:**	01/09/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	KINNEYTOWN DAM	**Lab Number:**	L2267995
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Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

RCP Related Narratives

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

Volatile Organics

In reference to question 4:

L2267995-03: Initial Calibration Verification outside criteria: dichlorodifluoromethane (148%), chloromethane (126%), vinyl chloride (122%), bromomethane (123%), and carbon disulfide (151%)

L2267995-01, -02, -04, and -05: Initial Calibration Verification outside criteria: dichlorodifluoromethane (148%), chloromethane (126%), vinyl chloride (122%), bromomethane (123%), and carbon disulfide (151%).

Semivolatile Organics

L2267995: The sediment samples were frozen upon receipt in order to arrest the holding time.

L2267995-05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

PAHs by SIM

L2267995: The sediment samples were frozen upon receipt in order to arrest the holding time.

L2267995-01D, -02D, -03D, -04D, and -05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

PCBs

L2267995: The sediment samples were frozen upon receipt in order to arrest the holding time.

Project Name:	KINNEYTOWN DAM	**Lab Number:**	L2267995
Project Number:	Not Specified	**Report Date:**	01/09/23

Case Narrative (continued)

Pesticides

The closing continuing calibration verification (CCV) standard, associated with L2267995 was outside the CT RCP acceptance criteria for multiple analytes. The samples were re-analyzed and yielded similar results for the closing continuing calibration standard. The results of the re-analysis are reported.

Non-RCP Related Narratives

Total Organic Carbon

L2267995-02 and -05: The Sample Replicate RPD is outside the acceptance criteria of 30%. A double-burn re-analysis was performed with a confirming result. The results of the original analysis are reported. The elevated RPD has been attributed to the non-homogeneous nature of the sample.

WG1729337-1: The required batch QC was prepared; however, the native sample required a different reporting method; therefore, the associated QC results could not be reported.

Grain Size Analysis

The WG1728152-1 Laboratory Duplicate RPDs for % coarse gravel (57%), % fine gravel (41%), % total gravel (50%), % silt fine (66%), % clay fine (100%) and % total fines (61%), performed on L2267995-03, are outside the acceptance criteria. The elevated RPDs has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 01/09/23

QC OUTLIER SUMMARY REPORT

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab								
8270E	Batch QC	WG1728571-2	Aniline	LCS	30	40-140	01-05	potential low bias
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab								
8082A	KTD-01A	L2267995-01	Decachlorobiphenyl (B)	Surrogate	161	30-150	-	potential high bias
8082A	KTD-01B	L2267995-02	Decachlorobiphenyl (B)	Surrogate	151	30-150	-	potential high bias
CT RCP Chlorinated Herbicides - Westborough Lab								
8151A	Batch QC	WG1719748-3	Dalapon	LCSD	34	25	01-05	non-directional bias
8151A	Batch QC	WG1719748-3	Dicamba	LCSD	58	25	01-05	non-directional bias
8151A	Batch QC	WG1719748-3	2,4-D	LCSD	63	25	01-05	non-directional bias
8151A	Batch QC	WG1719748-3	2,4,5-T	LCSD	65	25	01-05	non-directional bias
8151A	Batch QC	WG1719748-3	2,4,5-TP (Silvex)	LCSD	61	25	01-05	non-directional bias
Grain Size Analysis - Mansfield Lab								
D6913/D7928	Batch QC (L2267995-03)	WG1728152-1	% Coarse Gravel	Duplicate	57	20	01-05	non-directional bias
D6913/D7928	Batch QC (L2267995-03)	WG1728152-1	% Fine Gravel	Duplicate	41	20	01-05	non-directional bias
D6913/D7928	Batch QC (L2267995-03)	WG1728152-1	% Total Gravel	Duplicate	50	20	01-05	non-directional bias
D6913/D7928	Batch QC (L2267995-03)	WG1728152-1	% Silt Fine	Duplicate	66	20	01-05	non-directional bias
D6913/D7928	Batch QC (L2267995-03)	WG1728152-1	% Clay Fine	Duplicate	100	20	01-05	non-directional bias
D6913/D7928	Batch QC (L2267995-03)	WG1728152-1	% Total Fines	Duplicate	61	20	01-05	non-directional bias

ORGANICS

VOLATILES

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8260D
Analytical Date: 12/07/22 12:27
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	0.30	J	ug/kg	1.4	0.13	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01 Date Collected: 12/03/22 15:15

Client ID: KTD-01A Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	0.30	J	ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	9.4	J	ug/kg	24	9.4	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	2.1	J	ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1
Tetrahydrofuran	ND		ug/kg	3.8	1.5	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	0.52	J	ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	0.36	J	ug/kg	0.94	0.10	1
p-Isopropyltoluene	0.12	J	ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
n-Propylbenzene	0.26	J	ug/kg	0.94	0.16	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01 Date Collected: 12/03/22 15:15

Client ID: KTD-01A Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	3.8	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8260D
Analytical Date: 12/07/22 12:54
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	0.23	J	ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.82	0.44	1
Ethylbenzene	0.58	J	ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.76	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02 Date Collected: 12/03/22 15:20

Client ID: KTD-01B Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	0.26	J	ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	0.16	J	ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	1.9		ug/kg	1.6	0.46	1
o-Xylene	2.6		ug/kg	0.82	0.24	1
Xylenes, Total	4.5		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.82	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	14	J	ug/kg	20	8.2	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	3.7	J	ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Acrylonitrile	ND		ug/kg	3.3	0.94	1
Tetrahydrofuran	ND		ug/kg	3.3	1.3	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	0.72	J	ug/kg	0.82	0.14	1
sec-Butylbenzene	1.4		ug/kg	0.82	0.12	1
tert-Butylbenzene	0.24	J	ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.82	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	1.9		ug/kg	0.82	0.09	1
p-Isopropyltoluene	0.48	J	ug/kg	0.82	0.09	1
Naphthalene	1.4	J	ug/kg	3.3	0.53	1
n-Propylbenzene	2.1		ug/kg	0.82	0.14	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02 Date Collected: 12/03/22 15:20

Client ID: KTD-01B Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	2.6		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	4.1		ug/kg	1.6	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	3.3	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8260D
Analytical Date: 12/07/22 13:20
Analyst: AJK
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	520	240	1
1,1-Dichloroethane	ND		ug/kg	100	15.	1
Chloroform	ND		ug/kg	160	14.	1
Carbon tetrachloride	ND		ug/kg	100	24.	1
1,2-Dichloropropane	ND		ug/kg	100	13.	1
Dibromochloromethane	ND		ug/kg	100	14.	1
1,1,2-Trichloroethane	ND		ug/kg	100	28.	1
Tetrachloroethene	ND		ug/kg	52	20.	1
Chlorobenzene	ND		ug/kg	52	13.	1
Trichlorofluoromethane	ND		ug/kg	420	72.	1
1,2-Dichloroethane	ND		ug/kg	100	27.	1
1,1,1-Trichloroethane	ND		ug/kg	52	17.	1
Bromodichloromethane	ND		ug/kg	52	11.	1
trans-1,3-Dichloropropene	ND		ug/kg	100	28.	1
cis-1,3-Dichloropropene	ND		ug/kg	52	16.	1
1,3-Dichloropropene, Total	ND		ug/kg	52	16.	1
1,1-Dichloropropene	ND		ug/kg	52	16.	1
Bromoform	ND		ug/kg	420	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	17.	1
Benzene	ND		ug/kg	52	17.	1
Toluene	3200		ug/kg	100	56.	1
Ethylbenzene	1900		ug/kg	100	15.	1
Chloromethane	ND		ug/kg	420	97.	1
Bromomethane	ND		ug/kg	210	60.	1
Vinyl chloride	ND		ug/kg	100	35.	1
Chloroethane	ND		ug/kg	210	47.	1
1,1-Dichloroethene	ND		ug/kg	100	25.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	14.	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 Date Collected: 12/03/22 15:25

Client ID: KTD-01C Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	52	14.	1
1,2-Dichlorobenzene	29	J	ug/kg	210	15.	1
1,3-Dichlorobenzene	ND		ug/kg	210	15.	1
1,4-Dichlorobenzene	ND		ug/kg	210	18.	1
Methyl tert butyl ether	ND		ug/kg	210	21.	1
p/m-Xylene	1800		ug/kg	210	58.	1
o-Xylene	430		ug/kg	100	30.	1
Xylenes, Total	2200		ug/kg	100	30.	1
cis-1,2-Dichloroethene	ND		ug/kg	100	18.	1
1,2-Dichloroethene, Total	ND		ug/kg	100	14.	1
Dibromomethane	ND		ug/kg	210	25.	1
1,2,3-Trichloropropane	ND		ug/kg	210	13.	1
Styrene	ND		ug/kg	100	20.	1
Dichlorodifluoromethane	ND		ug/kg	1000	95.	1
Acetone	ND		ug/kg	1000	500	1
Carbon disulfide	ND		ug/kg	1000	470	1
2-Butanone	ND		ug/kg	1000	230	1
4-Methyl-2-pentanone	ND		ug/kg	1000	130	1
2-Hexanone	ND		ug/kg	1000	120	1
Acrylonitrile	ND		ug/kg	420	120	1
Tetrahydrofuran	ND		ug/kg	420	160	1
2,2-Dichloropropane	ND		ug/kg	210	21.	1
1,2-Dibromoethane	ND		ug/kg	100	29.	1
1,3-Dichloropropane	ND		ug/kg	210	17.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	52	14.	1
Bromobenzene	ND		ug/kg	210	15.	1
n-Butylbenzene	170		ug/kg	100	17.	1
sec-Butylbenzene	150		ug/kg	100	15.	1
tert-Butylbenzene	20	J	ug/kg	210	12.	1
o-Chlorotoluene	ND		ug/kg	210	20.	1
p-Chlorotoluene	ND		ug/kg	210	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	310	100	1
Hexachlorobutadiene	ND		ug/kg	420	18.	1
Isopropylbenzene	140		ug/kg	100	11.	1
p-Isopropyltoluene	7000		ug/kg	100	11.	1
Naphthalene	380	J	ug/kg	420	68.	1
n-Propylbenzene	210		ug/kg	100	18.	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 Date Collected: 12/03/22 15:25

Client ID: KTD-01C Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	210	34.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	28.	1
1,3,5-Trimethylbenzene	690		ug/kg	210	20.	1
1,2,4-Trimethylbenzene	790		ug/kg	210	35.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	520	150	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	420	72.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8260D
Analytical Date: 12/07/22 13:47
Analyst: AJK
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04 Date Collected: 12/03/22 16:00

Client ID: KTD-02A Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	13	J	ug/kg	23	9.2	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1
Tetrahydrofuran	ND		ug/kg	3.7	1.5	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	0.12	J	ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04 Date Collected: 12/03/22 16:00

Client ID: KTD-02A Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	3.7	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8260D
Analytical Date: 12/07/22 14:14
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	0.15	J	ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05 Date Collected: 12/03/22 16:05

Client ID: KTD-02B Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	0.16	J	ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	0.86	J	ug/kg	1.9	0.53	1
o-Xylene	0.98		ug/kg	0.95	0.28	1
Xylenes, Total	1.8	J	ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	18	J	ug/kg	24	9.5	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	3.8	J	ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1
Tetrahydrofuran	ND		ug/kg	3.8	1.5	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	0.67	J	ug/kg	0.95	0.16	1
sec-Butylbenzene	1.2		ug/kg	0.95	0.14	1
tert-Butylbenzene	0.15	J	ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	1.0		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	0.77	J	ug/kg	3.8	0.62	1
n-Propylbenzene	0.82	J	ug/kg	0.95	0.16	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05 Date Collected: 12/03/22 16:05

Client ID: KTD-02B Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	2.6		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	3.1		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	3.8	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8260D
Analytical Date: 12/07/22 08:52
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1720611-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8260D
Analytical Date: 12/07/22 08:52
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1720611-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Acrylonitrile	ND		ug/kg	200	58.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8260D
Analytical Date: 12/07/22 08:52
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1720611-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	200	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8260D
Analytical Date: 12/07/22 08:52
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1720612-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8260D
Analytical Date: 12/07/22 08:52
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1720612-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	25	10.
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Acrylonitrile	ND		ug/kg	4.0	1.2
Tetrahydrofuran	ND		ug/kg	4.0	1.6
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8260D
Analytical Date: 12/07/22 08:52
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1720612-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	4.0	0.69

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1720611-3 WG1720611-4								
Methylene chloride	87		90		70-130	3		30
1,1-Dichloroethane	94		95		70-130	1		30
Chloroform	93		94		70-130	1		30
Carbon tetrachloride	98		100		70-130	2		30
1,2-Dichloropropane	92		94		70-130	2		30
Dibromochloromethane	90		92		70-130	2		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	97		99		70-130	2		30
Trichlorofluoromethane	96		94		70-130	2		30
1,2-Dichloroethane	86		88		70-130	2		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	92		93		70-130	1		30
cis-1,3-Dichloropropene	93		94		70-130	1		30
1,1-Dichloropropene	91		91		70-130	0		30
Bromoform	94		98		70-130	4		30
1,1,2,2-Tetrachloroethane	90		91		70-130	1		30
Benzene	94		95		70-130	1		30
Toluene	96		98		70-130	2		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	99		98		52-130	1		30
Bromomethane	110		115		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

CT RCP Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1720611-3 WG1720611-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Vinyl chloride	96		95		70-130	1		30
Chloroethane	87		86		70-130	1		30
1,1-Dichloroethene	96		97		70-130	1		30
trans-1,2-Dichloroethene	94		95		70-130	1		30
Trichloroethene	87		88		70-130	1		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	98		99		70-130	1		30
Methyl tert butyl ether	86		87		70-130	1		30
p/m-Xylene	97		99		70-130	2		30
o-Xylene	94		97		70-130	3		30
cis-1,2-Dichloroethene	94		95		70-130	1		30
Dibromomethane	90		92		70-130	2		30
1,2,3-Trichloropropane	87		91		70-130	4		30
Styrene	92		94		70-130	2		30
Dichlorodifluoromethane	86		84		30-146	2		30
Acetone	87		88		54-140	1		30
Carbon disulfide	85		86		59-130	1		30
2-Butanone	83		83		70-130	0		30
4-Methyl-2-pentanone	92		95		70-130	3		30
2-Hexanone	80		82		70-130	2		30
Acrylonitrile	90		92		70-130	2		30
Tetrahydrofuran	84		83		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1720611-3 WG1720611-4								
2,2-Dichloropropane	96		95		70-130	1		30
1,2-Dibromoethane	91		93		70-130	2		30
1,3-Dichloropropane	93		94		70-130	1		30
1,1,1,2-Tetrachloroethane	90		92		70-130	2		30
Bromobenzene	96		99		70-130	3		30
n-Butylbenzene	98		98		70-130	0		30
sec-Butylbenzene	98		98		70-130	0		30
tert-Butylbenzene	97		98		70-130	1		30
o-Chlorotoluene	93		95		70-130	2		30
p-Chlorotoluene	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	100		101		68-130	1		30
Hexachlorobutadiene	115		113		70-130	2		30
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	93		93		70-130	0		30
n-Propylbenzene	95		95		70-130	0		30
1,2,3-Trichlorobenzene	103		100		70-130	3		30
1,2,4-Trichlorobenzene	105		105		70-130	0		30
1,3,5-Trimethylbenzene	95		96		70-130	1		30
1,2,4-Trimethylbenzene	94		95		70-130	1		30
trans-1,4-Dichloro-2-butene	90		93		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		102		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINNEYTOWN DAM

Project Number: Not Specified

Lab Number: L2267995

Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1720611-3 WG1720611-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1720612-3 WG1720612-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Methylene chloride	87		90		70-130	3		30
1,1-Dichloroethane	94		95		70-130	1		30
Chloroform	93		94		70-130	1		30
Carbon tetrachloride	98		100		70-130	2		30
1,2-Dichloropropane	92		94		70-130	2		30
Dibromochloromethane	90		92		70-130	2		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	97		99		70-130	2		30
Trichlorofluoromethane	96		94		70-130	2		30
1,2-Dichloroethane	86		88		70-130	2		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	92		93		70-130	1		30
cis-1,3-Dichloropropene	93		94		70-130	1		30
1,1-Dichloropropene	91		91		70-130	0		30
Bromoform	94		98		70-130	4		30
1,1,2,2-Tetrachloroethane	90		91		70-130	1		30
Benzene	94		95		70-130	1		30
Toluene	96		98		70-130	2		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	99		98		52-130	1		30
Bromomethane	110		115		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1720612-3 WG1720612-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Vinyl chloride	96		95		70-130	1		30
Chloroethane	87		86		70-130	1		30
1,1-Dichloroethene	96		97		70-130	1		30
trans-1,2-Dichloroethene	94		95		70-130	1		30
Trichloroethene	87		88		70-130	1		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	98		99		70-130	1		30
Methyl tert butyl ether	86		87		70-130	1		30
p/m-Xylene	97		99		70-130	2		30
o-Xylene	94		97		70-130	3		30
cis-1,2-Dichloroethene	94		95		70-130	1		30
Dibromomethane	90		92		70-130	2		30
1,2,3-Trichloropropane	87		91		70-130	4		30
Styrene	92		94		70-130	2		30
Dichlorodifluoromethane	86		84		30-146	2		30
Acetone	87		88		54-140	1		30
Carbon disulfide	85		86		59-130	1		30
2-Butanone	83		83		70-130	0		30
4-Methyl-2-pentanone	92		95		70-130	3		30
2-Hexanone	80		82		70-130	2		30
Acrylonitrile	90		92		70-130	2		30
Tetrahydrofuran	84		83		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1720612-3 WG1720612-4								
2,2-Dichloropropane	96		95		70-130	1		30
1,2-Dibromoethane	91		93		70-130	2		30
1,3-Dichloropropane	93		94		70-130	1		30
1,1,1,2-Tetrachloroethane	90		92		70-130	2		30
Bromobenzene	96		99		70-130	3		30
n-Butylbenzene	98		98		70-130	0		30
sec-Butylbenzene	98		98		70-130	0		30
tert-Butylbenzene	97		98		70-130	1		30
o-Chlorotoluene	93		95		70-130	2		30
p-Chlorotoluene	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	100		101		68-130	1		30
Hexachlorobutadiene	115		113		70-130	2		30
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	93		93		70-130	0		30
n-Propylbenzene	95		95		70-130	0		30
1,2,3-Trichlorobenzene	103		100		70-130	3		30
1,2,4-Trichlorobenzene	105		105		70-130	0		30
1,3,5-Trimethylbenzene	95		96		70-130	1		30
1,2,4-Trimethylbenzene	94		95		70-130	1		30
trans-1,4-Dichloro-2-butene	90		93		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		102		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINNEYTOWN DAM

Project Number: Not Specified

Lab Number: L2267995

Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1720612-3 WG1720612-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	97		98		70-130

SEMIVOLATILES

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E
Analytical Date: 01/04/23 13:28
Analyst: DB
Percent Solids: 91%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
Aniline	ND		ug/kg	36.4	5.49	1
Phenol	ND		ug/kg	36.4	3.46	1
bis(2-Chloroethyl)ether	ND		ug/kg	36.4	6.69	1
2-Chlorophenol	ND		ug/kg	36.4	2.40	1
2-Methylphenol	ND		ug/kg	36.4	3.13	1
bis(2-chloroisopropyl)ether	ND		ug/kg	36.4	6.08	1
4-Methylphenol	ND		ug/kg	36.4	4.76	1
N-Nitroso-di-n-propylamine	ND		ug/kg	36.4	6.20	1
Hexachloroethane	ND		ug/kg	36.4	6.09	1
Nitrobenzene	ND		ug/kg	36.4	3.80	1
Isophorone	ND		ug/kg	36.4	3.99	1
2-Nitrophenol	ND		ug/kg	36.4	3.93	1
2,4-Dimethylphenol	ND		ug/kg	36.4	6.00	1
bis(2-Chloroethoxy)methane	ND		ug/kg	36.4	3.66	1
2,4-Dichlorophenol	ND		ug/kg	36.4	3.91	1
1,2,4-Trichlorobenzene	ND		ug/kg	36.4	2.25	1
4-Chloroaniline	ND		ug/kg	36.4	3.33	1
Hexachlorobutadiene	ND		ug/kg	36.4	7.07	1
4-Chloro-3-methylphenol	ND		ug/kg	36.4	5.26	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	36.4	3.47	1
Hexachlorocyclopentadiene	ND		ug/kg	218	39.9	1
Pentachloronitrobenzene	ND		ug/kg	36.4	3.59	1
2,4,6-Trichlorophenol	ND		ug/kg	36.4	3.26	1
2,4,5-Trichlorophenol	ND		ug/kg	36.4	4.34	1
2-Chloronaphthalene	ND		ug/kg	36.4	2.54	1
2-Nitroaniline	ND		ug/kg	36.4	5.89	1
Dimethylphthalate	ND		ug/kg	36.4	2.84	1
2,6-Dinitrotoluene	ND		ug/kg	36.4	9.40	1

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01 Date Collected: 12/03/22 15:15

Client ID: KTD-01A Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
3-Nitroaniline	ND		ug/kg	72.9	3.82	1
2,4-Dinitrophenol	ND		ug/kg	218	62.1	1
4-Nitrophenol	ND		ug/kg	605	200.	1
Dibenzofuran	14.3	J	ug/kg	36.4	2.72	1
2,4-Dinitrotoluene	ND		ug/kg	36.4	2.55	1
Diethylphthalate	ND		ug/kg	36.4	3.72	1
4-Chlorophenyl-phenylether	ND		ug/kg	36.4	3.51	1
4-Nitroaniline	ND		ug/kg	218	4.92	1
4,6-Dinitro-2-methylphenol	ND		ug/kg	218	69.9	1
n-Nitrosodiphenylamine	196		ug/kg	36.4	2.56	1
4-Bromophenyl-phenylether	ND		ug/kg	36.4	3.42	1
Hexachlorobenzene	ND		ug/kg	36.4	3.55	1
Pentachlorophenol	ND		ug/kg	218	65.5	1
Carbazole	29.4	J	ug/kg	36.4	2.32	1
Di-n-butylphthalate	ND		ug/kg	36.4	3.47	1
Butylbenzylphthalate	ND		ug/kg	36.4	7.36	1
3,3'-Dichlorobenzidine	ND		ug/kg	72.9	6.22	1
bis(2-Ethylhexyl)phthalate	34.1	J	ug/kg	36.4	9.54	1
Di-n-octylphthalate	ND		ug/kg	72.9	15.1	1
Pyridine	ND		ug/kg	146	6.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorobiphenyl	69		30-130
Phenol-d5	66		30-130
Nitrobenzene-d5	69		30-130
2-Fluorophenol	59		30-130
2,4,6-Tribromophenol	74		30-130
Terphenyl-d14	86		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01 D
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E-SIM
Analytical Date: 01/04/23 14:34
Analyst: GP
Percent Solids: 91%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP PAHs by SIM - Mansfield Lab						
Naphthalene	21.1		ug/kg	20.8	8.13	5
2-Methylnaphthalene	18.9	J	ug/kg	20.8	9.03	5
Acenaphthylene	98.2		ug/kg	20.8	8.13	5
Acenaphthene	9.90	J	ug/kg	20.8	8.07	5
Fluorene	31.5		ug/kg	20.8	12.3	5
Phenanthrene	297		ug/kg	20.8	13.4	5
Anthracene	86.3		ug/kg	20.8	14.2	5
Fluoranthene	701		ug/kg	20.8	9.56	5
Pyrene	627		ug/kg	20.8	11.4	5
Benz(a)anthracene	394		ug/kg	20.8	10.2	5
Chrysene	425		ug/kg	20.8	7.53	5
Benzo(b)fluoranthene	425		ug/kg	20.8	9.94	5
Benzo(k)fluoranthene	422		ug/kg	20.8	5.96	5
Benzo(a)pyrene	536		ug/kg	20.8	6.02	5
Indeno(1,2,3-cd)Pyrene	386		ug/kg	20.8	5.91	5
Dibenz(a,h)anthracene	87.9		ug/kg	20.8	12.3	5
Benzo(ghi)perylene	358		ug/kg	20.8	13.4	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Methylnaphthalene-d10	71		30-130
Pyrene-d10	86		30-130
Benzo(b)fluoranthene-d12	88		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02 D
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E
Analytical Date: 01/04/23 13:57
Analyst: DB
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
Aniline	ND		ug/kg	73.5	11.1	2
Phenol	ND		ug/kg	73.5	6.98	2
bis(2-Chloroethyl)ether	ND		ug/kg	73.5	13.5	2
2-Chlorophenol	ND		ug/kg	73.5	4.85	2
2-Methylphenol	ND		ug/kg	73.5	6.32	2
bis(2-chloroisopropyl)ether	ND		ug/kg	73.5	12.2	2
4-Methylphenol	ND		ug/kg	73.5	9.61	2
N-Nitroso-di-n-propylamine	ND		ug/kg	73.5	12.5	2
Hexachloroethane	ND		ug/kg	73.5	12.3	2
Nitrobenzene	ND		ug/kg	73.5	7.66	2
Isophorone	ND		ug/kg	73.5	8.05	2
2-Nitrophenol	ND		ug/kg	73.5	7.92	2
2,4-Dimethylphenol	ND		ug/kg	73.5	12.1	2
bis(2-Chloroethoxy)methane	ND		ug/kg	73.5	7.39	2
2,4-Dichlorophenol	ND		ug/kg	73.5	7.89	2
1,2,4-Trichlorobenzene	ND		ug/kg	73.5	4.54	2
4-Chloroaniline	ND		ug/kg	73.5	6.72	2
Hexachlorobutadiene	ND		ug/kg	73.5	14.2	2
4-Chloro-3-methylphenol	ND		ug/kg	73.5	10.6	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	73.5	7.00	2
Hexachlorocyclopentadiene	ND		ug/kg	441	80.5	2
Pentachloronitrobenzene	ND		ug/kg	73.5	7.25	2
2,4,6-Trichlorophenol	ND		ug/kg	73.5	6.57	2
2,4,5-Trichlorophenol	ND		ug/kg	73.5	8.76	2
2-Chloronaphthalene	ND		ug/kg	73.5	5.11	2
2-Nitroaniline	ND		ug/kg	73.5	11.9	2
Dimethylphthalate	ND		ug/kg	73.5	5.73	2
2,6-Dinitrotoluene	ND		ug/kg	73.5	19.0	2

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02 D
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
3-Nitroaniline	ND		ug/kg	147	7.72	2
2,4-Dinitrophenol	ND		ug/kg	441	125.	2
4-Nitrophenol	ND		ug/kg	1220	404.	2
Dibenzofuran	142		ug/kg	73.5	5.50	2
2,4-Dinitrotoluene	ND		ug/kg	73.5	5.14	2
Diethylphthalate	ND		ug/kg	73.5	7.51	2
4-Chlorophenyl-phenylether	ND		ug/kg	73.5	7.08	2
4-Nitroaniline	ND		ug/kg	441	9.92	2
4,6-Dinitro-2-methylphenol	ND		ug/kg	441	141.	2
n-Nitrosodiphenylamine	2260		ug/kg	73.5	5.16	2
4-Bromophenyl-phenylether	ND		ug/kg	73.5	6.91	2
Hexachlorobenzene	ND		ug/kg	73.5	7.16	2
Pentachlorophenol	ND		ug/kg	441	132.	2
Carbazole	271		ug/kg	73.5	4.69	2
Di-n-butylphthalate	ND		ug/kg	73.5	7.00	2
Butylbenzylphthalate	ND		ug/kg	73.5	14.8	2
3,3'-Dichlorobenzidine	ND		ug/kg	147	12.5	2
bis(2-Ethylhexyl)phthalate	139		ug/kg	73.5	19.2	2
Di-n-octylphthalate	ND		ug/kg	147	30.4	2
Pyridine	ND		ug/kg	294	13.0	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorobiphenyl	80		30-130
Phenol-d5	73		30-130
Nitrobenzene-d5	76		30-130
2-Fluorophenol	69		30-130
2,4,6-Tribromophenol	87		30-130
Terphenyl-d14	88		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02 D
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E-SIM
Analytical Date: 01/04/23 15:08
Analyst: GP
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP PAHs by SIM - Mansfield Lab						
Naphthalene	18.1	J	ug/kg	21.7	8.52	5
2-Methylnaphthalene	10.6	J	ug/kg	21.7	9.45	5
Acenaphthylene	178		ug/kg	21.7	8.52	5
Acenaphthene	28.4		ug/kg	21.7	8.45	5
Fluorene	83.1		ug/kg	21.7	12.8	5
Phenanthrene	909		ug/kg	21.7	14.0	5
Anthracene	201		ug/kg	21.7	14.9	5
Fluoranthene	1840		ug/kg	21.7	10.0	5
Pyrene	1640		ug/kg	21.7	12.0	5
Benz(a)anthracene	894		ug/kg	21.7	10.7	5
Chrysene	956		ug/kg	21.7	7.89	5
Benzo(b)fluoranthene	732		ug/kg	21.7	10.4	5
Benzo(k)fluoranthene	823		ug/kg	21.7	6.24	5
Benzo(a)pyrene	981		ug/kg	21.7	6.30	5
Indeno(1,2,3-cd)Pyrene	626		ug/kg	21.7	6.19	5
Dibenz(a,h)anthracene	139		ug/kg	21.7	12.9	5
Benzo(ghi)perylene	611		ug/kg	21.7	14.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Methylnaphthalene-d10	60		30-130
Pyrene-d10	76		30-130
Benzo(b)fluoranthene-d12	75		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 D
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E
Analytical Date: 01/04/23 15:43
Analyst: DB
Percent Solids: 77%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
Aniline	ND		ug/kg	2120	320.	50
Phenol	ND		ug/kg	2120	202.	50
bis(2-Chloroethyl)ether	ND		ug/kg	2120	390.	50
2-Chlorophenol	ND		ug/kg	2120	140.	50
2-Methylphenol	ND		ug/kg	2120	183.	50
bis(2-chloroisopropyl)ether	ND		ug/kg	2120	354.	50
4-Methylphenol	586	J	ug/kg	2120	278.	50
N-Nitroso-di-n-propylamine	ND		ug/kg	2120	362.	50
Hexachloroethane	ND		ug/kg	2120	355.	50
Nitrobenzene	ND		ug/kg	2120	221.	50
Isophorone	548	J	ug/kg	2120	233.	50
2-Nitrophenol	ND		ug/kg	2120	229.	50
2,4-Dimethylphenol	ND		ug/kg	2120	350.	50
bis(2-Chloroethoxy)methane	ND		ug/kg	2120	214.	50
2,4-Dichlorophenol	484	J	ug/kg	2120	228.	50
1,2,4-Trichlorobenzene	ND		ug/kg	2120	131.	50
4-Chloroaniline	ND		ug/kg	2120	194.	50
Hexachlorobutadiene	ND		ug/kg	2120	412.	50
4-Chloro-3-methylphenol	ND		ug/kg	2120	307.	50
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2120	202.	50
Hexachlorocyclopentadiene	ND		ug/kg	12700	2330	50
Pentachloronitrobenzene	ND		ug/kg	2120	210.	50
2,4,6-Trichlorophenol	ND		ug/kg	2120	190.	50
2,4,5-Trichlorophenol	ND		ug/kg	2120	253.	50
2-Chloronaphthalene	ND		ug/kg	2120	148.	50
2-Nitroaniline	ND		ug/kg	2120	343.	50
Dimethylphthalate	ND		ug/kg	2120	166.	50
2,6-Dinitrotoluene	ND		ug/kg	2120	548.	50

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 D
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
3-Nitroaniline	ND		ug/kg	4250	223.	50
2,4-Dinitrophenol	ND		ug/kg	12700	3620	50
4-Nitrophenol	ND		ug/kg	35300	11700	50
Dibenzofuran	293	J	ug/kg	2120	159.	50
2,4-Dinitrotoluene	ND		ug/kg	2120	149.	50
Diethylphthalate	ND		ug/kg	2120	217.	50
4-Chlorophenyl-phenylether	ND		ug/kg	2120	205.	50
4-Nitroaniline	ND		ug/kg	12700	287.	50
4,6-Dinitro-2-methylphenol	ND		ug/kg	12700	4080	50
n-Nitrosodiphenylamine	86300		ug/kg	2120	149.	50
4-Bromophenyl-phenylether	ND		ug/kg	2120	200.	50
Hexachlorobenzene	ND		ug/kg	2120	207.	50
Pentachlorophenol	ND		ug/kg	12700	3820	50
Carbazole	518	J	ug/kg	2120	136.	50
Di-n-butylphthalate	ND		ug/kg	2120	202.	50
Butylbenzylphthalate	ND		ug/kg	2120	429.	50
3,3'-Dichlorobenzidine	ND		ug/kg	4250	362.	50
bis(2-Ethylhexyl)phthalate	3340		ug/kg	2120	557.	50
Di-n-octylphthalate	ND		ug/kg	4250	880.	50
Pyridine	ND		ug/kg	8500	376.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorobiphenyl	82		30-130
Phenol-d5	85		30-130
Nitrobenzene-d5	87		30-130
2-Fluorophenol	70		30-130
2,4,6-Tribromophenol	68		30-130
Terphenyl-d14	88		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 D
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E-SIM
Analytical Date: 01/04/23 15:41
Analyst: GP
Percent Solids: 77%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP PAHs by SIM - Mansfield Lab						
Naphthalene	258		ug/kg	50.6	19.8	10
2-Methylnaphthalene	182		ug/kg	50.6	22.0	10
Acenaphthylene	324		ug/kg	50.6	19.8	10
Acenaphthene	87.8		ug/kg	50.6	19.7	10
Fluorene	241		ug/kg	50.6	29.9	10
Phenanthrene	1870		ug/kg	50.6	32.6	10
Anthracene	259		ug/kg	50.6	34.6	10
Fluoranthene	2840		ug/kg	50.6	23.3	10
Pyrene	2460		ug/kg	50.6	27.9	10
Benz(a)anthracene	1210		ug/kg	50.6	24.9	10
Chrysene	1280		ug/kg	50.6	18.4	10
Benzo(b)fluoranthene	1130		ug/kg	50.6	24.2	10
Benzo(k)fluoranthene	973		ug/kg	50.6	14.5	10
Benzo(a)pyrene	1260		ug/kg	50.6	14.7	10
Indeno(1,2,3-cd)Pyrene	835		ug/kg	50.6	14.4	10
Dibenz(a,h)anthracene	183		ug/kg	50.6	30.0	10
Benzo(ghi)perylene	810		ug/kg	50.6	32.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Methylnaphthalene-d10	59		30-130
Pyrene-d10	70		30-130
Benzo(b)fluoranthene-d12	68		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04 D
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E
Analytical Date: 01/04/23 14:26
Analyst: DB
Percent Solids: 78%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
Aniline	ND		ug/kg	83.2	12.5	2
Phenol	ND		ug/kg	83.2	7.90	2
bis(2-Chloroethyl)ether	ND		ug/kg	83.2	15.3	2
2-Chlorophenol	ND		ug/kg	83.2	5.49	2
2-Methylphenol	ND		ug/kg	83.2	7.15	2
bis(2-chloroisopropyl)ether	ND		ug/kg	83.2	13.9	2
4-Methylphenol	13.8	J	ug/kg	83.2	10.9	2
N-Nitroso-di-n-propylamine	ND		ug/kg	83.2	14.2	2
Hexachloroethane	ND		ug/kg	83.2	13.9	2
Nitrobenzene	ND		ug/kg	83.2	8.67	2
Isophorone	ND		ug/kg	83.2	9.12	2
2-Nitrophenol	ND		ug/kg	83.2	8.96	2
2,4-Dimethylphenol	ND		ug/kg	83.2	13.7	2
bis(2-Chloroethoxy)methane	ND		ug/kg	83.2	8.37	2
2,4-Dichlorophenol	ND		ug/kg	83.2	8.93	2
1,2,4-Trichlorobenzene	ND		ug/kg	83.2	5.14	2
4-Chloroaniline	ND		ug/kg	83.2	7.60	2
Hexachlorobutadiene	ND		ug/kg	83.2	16.1	2
4-Chloro-3-methylphenol	ND		ug/kg	83.2	12.0	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	83.2	7.92	2
Hexachlorocyclopentadiene	ND		ug/kg	499	91.2	2
Pentachloronitrobenzene	ND		ug/kg	83.2	8.20	2
2,4,6-Trichlorophenol	ND		ug/kg	83.2	7.44	2
2,4,5-Trichlorophenol	ND		ug/kg	83.2	9.91	2
2-Chloronaphthalene	ND		ug/kg	83.2	5.79	2
2-Nitroaniline	ND		ug/kg	83.2	13.4	2
Dimethylphthalate	ND		ug/kg	83.2	6.49	2
2,6-Dinitrotoluene	ND		ug/kg	83.2	21.4	2

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04 D
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
3-Nitroaniline	ND		ug/kg	166	8.73	2
2,4-Dinitrophenol	ND		ug/kg	499	142.	2
4-Nitrophenol	ND		ug/kg	1380	457.	2
Dibenzofuran	35.8	J	ug/kg	83.2	6.22	2
2,4-Dinitrotoluene	ND		ug/kg	83.2	5.82	2
Diethylphthalate	ND		ug/kg	83.2	8.50	2
4-Chlorophenyl-phenylether	ND		ug/kg	83.2	8.02	2
4-Nitroaniline	ND		ug/kg	499	11.2	2
4,6-Dinitro-2-methylphenol	ND		ug/kg	499	160.	2
n-Nitrosodiphenylamine	80.2	J	ug/kg	83.2	5.84	2
4-Bromophenyl-phenylether	ND		ug/kg	83.2	7.82	2
Hexachlorobenzene	ND		ug/kg	83.2	8.10	2
Pentachlorophenol	ND		ug/kg	499	150.	2
Carbazole	106		ug/kg	83.2	5.31	2
Di-n-butylphthalate	ND		ug/kg	83.2	7.92	2
Butylbenzylphthalate	ND		ug/kg	83.2	16.8	2
3,3'-Dichlorobenzidine	ND		ug/kg	166	14.2	2
bis(2-Ethylhexyl)phthalate	48.7	J	ug/kg	83.2	21.8	2
Di-n-octylphthalate	ND		ug/kg	166	34.4	2
Pyridine	ND		ug/kg	333	14.7	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorobiphenyl	64		30-130
Phenol-d5	58		30-130
Nitrobenzene-d5	59		30-130
2-Fluorophenol	55		30-130
2,4,6-Tribromophenol	67		30-130
Terphenyl-d14	74		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04 D
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E-SIM
Analytical Date: 01/04/23 16:15
Analyst: GP
Percent Solids: 78%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP PAHs by SIM - Mansfield Lab						
Naphthalene	71.8		ug/kg	49.2	19.3	10
2-Methylnaphthalene	34.8	J	ug/kg	49.2	21.4	10
Acenaphthylene	408		ug/kg	49.2	19.3	10
Acenaphthene	53.6		ug/kg	49.2	19.2	10
Fluorene	275		ug/kg	49.2	29.1	10
Phenanthrene	3050		ug/kg	49.2	31.7	10
Anthracene	886		ug/kg	49.2	33.7	10
Fluoranthene	4860		ug/kg	49.2	22.7	10
Pyrene	4100		ug/kg	49.2	27.2	10
Benz(a)anthracene	2340		ug/kg	49.2	24.2	10
Chrysene	2230		ug/kg	49.2	17.9	10
Benzo(b)fluoranthene	1570		ug/kg	49.2	23.6	10
Benzo(k)fluoranthene	1760		ug/kg	49.2	14.1	10
Benzo(a)pyrene	2170		ug/kg	49.2	14.3	10
Indeno(1,2,3-cd)Pyrene	1320		ug/kg	49.2	14.0	10
Dibenz(a,h)anthracene	288		ug/kg	49.2	29.2	10
Benzo(ghi)perylene	1230		ug/kg	49.2	31.7	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Methylnaphthalene-d10	65		30-130
Pyrene-d10	82		30-130
Benzo(b)fluoranthene-d12	79		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05 D
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E
Analytical Date: 01/04/23 12:59
Analyst: DB
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
Aniline	ND		ug/kg	72.9	11.0	2
Phenol	ND		ug/kg	72.9	6.92	2
bis(2-Chloroethyl)ether	ND		ug/kg	72.9	13.4	2
2-Chlorophenol	ND		ug/kg	72.9	4.81	2
2-Methylphenol	ND		ug/kg	72.9	6.27	2
bis(2-chloroisopropyl)ether	ND		ug/kg	72.9	12.2	2
4-Methylphenol	ND		ug/kg	72.9	9.53	2
N-Nitroso-di-n-propylamine	ND		ug/kg	72.9	12.4	2
Hexachloroethane	ND		ug/kg	72.9	12.2	2
Nitrobenzene	ND		ug/kg	72.9	7.59	2
Isophorone	ND		ug/kg	72.9	7.99	2
2-Nitrophenol	ND		ug/kg	72.9	7.86	2
2,4-Dimethylphenol	ND		ug/kg	72.9	12.0	2
bis(2-Chloroethoxy)methane	ND		ug/kg	72.9	7.33	2
2,4-Dichlorophenol	ND		ug/kg	72.9	7.83	2
1,2,4-Trichlorobenzene	ND		ug/kg	72.9	4.50	2
4-Chloroaniline	ND		ug/kg	72.9	6.66	2
Hexachlorobutadiene	ND		ug/kg	72.9	14.1	2
4-Chloro-3-methylphenol	ND		ug/kg	72.9	10.5	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	72.9	6.94	2
Hexachlorocyclopentadiene	ND		ug/kg	437	79.9	2
Pentachloronitrobenzene	ND		ug/kg	72.9	7.18	2
2,4,6-Trichlorophenol	ND		ug/kg	72.9	6.51	2
2,4,5-Trichlorophenol	ND		ug/kg	72.9	8.69	2
2-Chloronaphthalene	ND		ug/kg	72.9	5.07	2
2-Nitroaniline	ND		ug/kg	72.9	11.8	2
Dimethylphthalate	ND		ug/kg	72.9	5.68	2
2,6-Dinitrotoluene	ND		ug/kg	72.9	18.8	2

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05 D Date Collected: 12/03/22 16:05

Client ID: KTD-02B Date Received: 12/05/22

Sample Location: SEYMOUR, CT Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab						
3-Nitroaniline	ND		ug/kg	146	7.65	2
2,4-Dinitrophenol	ND		ug/kg	437	124.	2
4-Nitrophenol	ND		ug/kg	1210	401.	2
Dibenzofuran	16.8	J	ug/kg	72.9	5.45	2
2,4-Dinitrotoluene	ND		ug/kg	72.9	5.10	2
Diethylphthalate	ND		ug/kg	72.9	7.45	2
4-Chlorophenyl-phenylether	ND		ug/kg	72.9	7.02	2
4-Nitroaniline	ND		ug/kg	437	9.84	2
4,6-Dinitro-2-methylphenol	ND		ug/kg	437	140.	2
n-Nitrosodiphenylamine	1130		ug/kg	72.9	5.12	2
4-Bromophenyl-phenylether	ND		ug/kg	72.9	6.85	2
Hexachlorobenzene	ND		ug/kg	72.9	7.10	2
Pentachlorophenol	ND		ug/kg	437	131.	2
Carbazole	39.6	J	ug/kg	72.9	4.65	2
Di-n-butylphthalate	ND		ug/kg	72.9	6.94	2
Butylbenzylphthalate	ND		ug/kg	72.9	14.7	2
3,3'-Dichlorobenzidine	ND		ug/kg	146	12.4	2
bis(2-Ethylhexyl)phthalate	73.9		ug/kg	72.9	19.1	2
Di-n-octylphthalate	ND		ug/kg	146	30.2	2
Pyridine	ND		ug/kg	291	12.9	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorobiphenyl	65		30-130
Phenol-d5	64		30-130
Nitrobenzene-d5	65		30-130
2-Fluorophenol	63		30-130
2,4,6-Tribromophenol	70		30-130
Terphenyl-d14	75		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05 D
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8270E-SIM
Analytical Date: 01/04/23 16:48
Analyst: GP
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP PAHs by SIM - Mansfield Lab						
Naphthalene	15.5	J	ug/kg	22.3	8.74	5
2-Methylnaphthalene	10.4	J	ug/kg	22.3	9.70	5
Acenaphthylene	119		ug/kg	22.3	8.74	5
Acenaphthene	19.5	J	ug/kg	22.3	8.67	5
Fluorene	63.8		ug/kg	22.3	13.2	5
Phenanthrene	543		ug/kg	22.3	14.4	5
Anthracene	162		ug/kg	22.3	15.2	5
Fluoranthene	1260		ug/kg	22.3	10.3	5
Pyrene	1130		ug/kg	22.3	12.3	5
Benz(a)anthracene	598		ug/kg	22.3	11.0	5
Chrysene	636		ug/kg	22.3	8.09	5
Benzo(b)fluoranthene	478		ug/kg	22.3	10.7	5
Benzo(k)fluoranthene	494		ug/kg	22.3	6.40	5
Benzo(a)pyrene	643		ug/kg	22.3	6.47	5
Indeno(1,2,3-cd)Pyrene	398		ug/kg	22.3	6.36	5
Dibenz(a,h)anthracene	91.4		ug/kg	22.3	13.2	5
Benzo(ghi)perylene	364		ug/kg	22.3	14.4	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Methylnaphthalene-d10	57		30-130
Pyrene-d10	73		30-130
Benzo(b)fluoranthene-d12	69		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8270E-SIM
Analytical Date: 01/04/23 11:44
Analyst: GP

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 01/02/22

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP PAHs by SIM - Mansfield Lab for sample(s): 01-05 Batch: WG1728561-1					
Naphthalene	3.25	J	ug/kg	4.00	1.57
2-Methylnaphthalene	ND		ug/kg	4.00	1.74
Acenaphthylene	ND		ug/kg	4.00	1.57
Acenaphthene	ND		ug/kg	4.00	1.56
Fluorene	ND		ug/kg	4.00	2.36
Phenanthrene	ND		ug/kg	4.00	2.58
Anthracene	ND		ug/kg	4.00	2.74
Fluoranthene	ND		ug/kg	4.00	1.84
Pyrene	ND		ug/kg	4.00	2.21
Benz(a)anthracene	ND		ug/kg	4.00	1.97
Chrysene	ND		ug/kg	4.00	1.45
Benzo(b)fluoranthene	ND		ug/kg	4.00	1.92
Benzo(k)fluoranthene	ND		ug/kg	4.00	1.15
Benzo(a)pyrene	ND		ug/kg	4.00	1.16
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	4.00	1.14
Dibenz(a,h)anthracene	ND		ug/kg	4.00	2.37
Benzo(ghi)perylene	ND		ug/kg	4.00	2.58

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Methylnaphthalene-d10	63		30-130
Pyrene-d10	88		30-130
Benzo(b)fluoranthene-d12	90		30-130

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8270E
Analytical Date: 01/04/23 12:00
Analyst: DB

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab for sample(s): 01-05 Batch: WG1728571-1					
Aniline	ND		ug/kg	33.3	5.03
Phenol	ND		ug/kg	33.3	3.17
bis(2-Chloroethyl)ether	ND		ug/kg	33.3	6.12
2-Chlorophenol	ND		ug/kg	33.3	2.20
2-Methylphenol	ND		ug/kg	33.3	2.87
bis(2-chloroisopropyl)ether	ND		ug/kg	33.3	5.56
4-Methylphenol	ND		ug/kg	33.3	4.36
N-Nitroso-di-n-propylamine	ND		ug/kg	33.3	5.67
Hexachloroethane	ND		ug/kg	33.3	5.57
Nitrobenzene	ND		ug/kg	33.3	3.47
Isophorone	ND		ug/kg	33.3	3.65
2-Nitrophenol	ND		ug/kg	33.3	3.59
2,4-Dimethylphenol	ND		ug/kg	33.3	5.49
bis(2-Chloroethoxy)methane	ND		ug/kg	33.3	3.35
2,4-Dichlorophenol	ND		ug/kg	33.3	3.58
1,2,4-Trichlorobenzene	ND		ug/kg	33.3	2.06
4-Chloroaniline	ND		ug/kg	33.3	3.05
Hexachlorobutadiene	ND		ug/kg	33.3	6.47
4-Chloro-3-methylphenol	ND		ug/kg	33.3	4.81
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	33.3	3.17
Hexachlorocyclopentadiene	ND		ug/kg	200	36.5
Pentachloronitrobenzene	ND		ug/kg	33.3	3.29
2,4,6-Trichlorophenol	ND		ug/kg	33.3	2.98
2,4,5-Trichlorophenol	ND		ug/kg	33.3	3.97
2-Chloronaphthalene	ND		ug/kg	33.3	2.32
2-Nitroaniline	ND		ug/kg	33.3	5.39
Dimethylphthalate	ND		ug/kg	33.3	2.60
2,6-Dinitrotoluene	ND		ug/kg	33.3	8.60
3-Nitroaniline	ND		ug/kg	66.7	3.50

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8270E
Analytical Date: 01/04/23 12:00
Analyst: DB

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3640A
Cleanup Date: 01/03/23

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab for sample(s): 01-05 Batch: WG1728571-1					
2,4-Dinitrophenol	ND		ug/kg	200	56.8
4-Nitrophenol	ND		ug/kg	553	183.
Dibenzofuran	ND		ug/kg	33.3	2.49
2,4-Dinitrotoluene	ND		ug/kg	33.3	2.33
Diethylphthalate	ND		ug/kg	33.3	3.41
4-Chlorophenyl-phenylether	ND		ug/kg	33.3	3.21
4-Nitroaniline	ND		ug/kg	200	4.50
4,6-Dinitro-2-methylphenol	ND		ug/kg	200	64.0
n-Nitrosodiphenylamine	ND		ug/kg	33.3	2.34
4-Bromophenyl-phenylether	ND		ug/kg	33.3	3.13
Hexachlorobenzene	ND		ug/kg	33.3	3.25
Pentachlorophenol	ND		ug/kg	200	59.9
Carbazole	ND		ug/kg	33.3	2.13
Di-n-butylphthalate	ND		ug/kg	33.3	3.17
Butylbenzylphthalate	ND		ug/kg	33.3	6.73
3,3'-Dichlorobenzidine	ND		ug/kg	66.7	5.69
bis(2-Ethylhexyl)phthalate	ND		ug/kg	33.3	8.73
Di-n-octylphthalate	ND		ug/kg	66.7	13.8
Pyridine	ND		ug/kg	133	5.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorobiphenyl	51		30-130
Phenol-d5	49		30-130
Nitrobenzene-d5	51		30-130
2-Fluorophenol	46		30-130
2,4,6-Tribromophenol	49		30-130
Terphenyl-d14	68		30-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP PAHs by SIM - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728561-2 WG1728561-3								
Naphthalene	79		59		40-140	29		30
2-Methylnaphthalene	78		60		40-140	26		30
Acenaphthylene	79		65		40-140	19		30
Acenaphthene	81		66		40-140	20		30
Fluorene	84		71		40-140	17		30
Phenanthrene	89		77		40-140	14		30
Anthracene	93		81		40-140	14		30
Fluoranthene	90		79		40-140	13		30
Pyrene	90		80		40-140	12		30
Benz(a)anthracene	101		88		40-140	14		30
Chrysene	88		77		40-140	13		30
Benzo(b)fluoranthene	95		83		40-140	13		30
Benzo(k)fluoranthene	100		86		40-140	15		30
Benzo(a)pyrene	99		85		40-140	15		30
Indeno(1,2,3-cd)Pyrene	111		96		40-140	14		30
Dibenz(a,h)anthracene	103		88		40-140	16		30
Benzo(ghi)perylene	101		86		40-140	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINNEYTOWN DAM

Project Number: Not Specified

Lab Number: L2267995

Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP PAHs by SIM - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728561-2 WG1728561-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Methylnaphthalene-d10	77		58		30-130
Pyrene-d10	89		78		30-130
Benzo(b)fluoranthene-d12	92		79		30-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728571-2								
Aniline	**30**	Q	-		40-140	-		30
Phenol	71		-		30-130	-		30
bis(2-Chloroethyl)ether	72		-		40-140	-		30
2-Chlorophenol	68		-		30-130	-		30
2-Methylphenol	64		-		30-130	-		30
bis(2-chloroisopropyl)ether	73		-		40-140	-		30
4-Methylphenol	65		-		30-130	-		30
N-Nitroso-di-n-propylamine	70		-		30-130	-		30
Hexachloroethane	66		-		40-140	-		30
Nitrobenzene	72		-		40-140	-		30
Isophorone	70		-		40-140	-		30
2-Nitrophenol	66		-		30-130	-		30
2,4-Dimethylphenol	64		-		30-130	-		30
bis(2-Chloroethoxy)methane	72		-		40-140	-		30
2,4-Dichlorophenol	67		-		30-130	-		30
1,2,4-Trichlorobenzene	66		-		40-140	-		30
4-Chloroaniline	40		-		40-140	-		30
Hexachlorobutadiene	67		-		40-140	-		30
4-Chloro-3-methylphenol	70		-		40-140	-		30
1,2,4,5-Tetrachlorobenzene	68		-		40-140	-		30
Hexachlorocyclopentadiene	56		-		40-140	-		30
2,4,6-Trichlorophenol	64		-		30-130	-		30
2,4,5-Trichlorophenol	70		-		30-130	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728571-2								
2-Chloronaphthalene	69		-		40-140	-		30
2-Nitroaniline	75		-		40-140	-		30
Dimethylphthalate	73		-		40-140	-		30
2,6-Dinitrotoluene	72		-		40-140	-		30
3-Nitroaniline	58		-		40-140	-		30
2,4-Dinitrophenol	35		-		30-130	-		30
4-Nitrophenol	55		-		30-130	-		30
Dibenzofuran	71		-		40-140	-		30
2,4-Dinitrotoluene	76		-		40-140	-		30
Diethylphthalate	78		-		40-140	-		30
4-Chlorophenyl-phenylether	74		-		40-140	-		30
4-Nitroaniline	76		-		40-140	-		30
4,6-Dinitro-2-methylphenol	67		-		40-140	-		30
n-Nitrosodiphenylamine	74		-		40-140	-		30
4-Bromophenyl-phenylether	71		-		40-140	-		30
Hexachlorobenzene	74		-		40-140	-		30
Pentachlorophenol	66		-		30-130	-		30
Carbazole	75		-		40-140	-		30
Di-n-butylphthalate	76		-		40-140	-		30
Butylbenzylphthalate	75		-		40-140	-		30
3,3'-Dichlorobenzidine	51		-		40-140	-		30
bis(2-Ethylhexyl)phthalate	74		-		40-140	-		30
Di-n-octylphthalate	74		-		40-140	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINNEYTOWN DAM

Project Number: Not Specified

Lab Number: L2267995

Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Semivolatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728571-2								
Pyridine	48		-		40-140	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorobiphenyl	67				30-130
Phenol-d5	67				30-130
Nitrobenzene-d5	71				30-130
2-Fluorophenol	64				30-130
2,4,6-Tribromophenol	74				30-130
Terphenyl-d14	75				30-130

PCBS

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8082A
Analytical Date: 01/04/23 17:23
Analyst: DP
Percent Solids: 91%

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab							
Aroclor 1016	ND		ug/kg	8.15	3.00	1	A
Aroclor 1221	ND		ug/kg	8.15	4.02	1	A
Aroclor 1232	ND		ug/kg	8.15	3.85	1	A
Aroclor 1242	ND		ug/kg	8.15	2.76	1	A
Aroclor 1248	ND		ug/kg	8.15	3.46	1	A
Aroclor 1254	15.8		ug/kg	8.15	3.43	1	A
Aroclor 1260	33.5	I	ug/kg	8.15	3.46	1	B
Aroclor 1262	ND		ug/kg	8.15	3.15	1	A
Aroclor 1268	ND		ug/kg	8.15	2.72	1	A
PCBs, Total	49.3		ug/kg	8.15	2.72	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	126		30-150	A
Decachlorobiphenyl	145		30-150	A
Tetrachloro-meta-Xylene	114		30-150	B
Decachlorobiphenyl	**161**	Q	30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8082A
Analytical Date: 01/04/23 17:35
Analyst: DP
Percent Solids: 90%

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab							
Aroclor 1016	ND		ug/kg	8.31	3.06	1	A
Aroclor 1221	ND		ug/kg	8.31	4.10	1	A
Aroclor 1232	ND		ug/kg	8.31	3.92	1	A
Aroclor 1242	ND		ug/kg	8.31	2.81	1	A
Aroclor 1248	130		ug/kg	8.31	3.52	1	A
Aroclor 1254	69.7		ug/kg	8.31	3.50	1	A
Aroclor 1260	78.0	I	ug/kg	8.31	3.52	1	B
Aroclor 1262	ND		ug/kg	8.31	3.21	1	A
Aroclor 1268	ND		ug/kg	8.31	2.77	1	A
PCBs, Total	278		ug/kg	8.31	2.77	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	103		30-150	A
Decachlorobiphenyl	125		30-150	A
Tetrachloro-meta-Xylene	104		30-150	B
Decachlorobiphenyl	**151**	Q	30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 D
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8082A
Analytical Date: 01/05/23 17:43
Analyst: DP
Percent Solids: 77%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab							
Aroclor 1016	ND		ug/kg	19.1	7.03	2	A
Aroclor 1221	ND		ug/kg	19.1	9.42	2	A
Aroclor 1232	ND		ug/kg	19.1	9.01	2	A
Aroclor 1242	ND		ug/kg	19.1	6.47	2	A
Aroclor 1248	462		ug/kg	19.1	8.10	2	A
Aroclor 1254	233		ug/kg	19.1	8.05	2	A
Aroclor 1260	147		ug/kg	19.1	8.10	2	B
Aroclor 1262	ND		ug/kg	19.1	7.38	2	A
Aroclor 1268	ND		ug/kg	19.1	6.37	2	A
PCBs, Total	842		ug/kg	19.1	6.37	2	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	53		30-150	A
Decachlorobiphenyl	73		30-150	A
Tetrachloro-meta-Xylene	87		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8082A
Analytical Date: 01/04/23 18:00
Analyst: DP
Percent Solids: 78%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab							
Aroclor 1016	ND		ug/kg	9.11	3.35	1	A
Aroclor 1221	ND		ug/kg	9.11	4.49	1	A
Aroclor 1232	ND		ug/kg	9.11	4.30	1	A
Aroclor 1242	ND		ug/kg	9.11	3.08	1	A
Aroclor 1248	20.1		ug/kg	9.11	3.86	1	A
Aroclor 1254	19.4		ug/kg	9.11	3.84	1	B
Aroclor 1260	11.4	I	ug/kg	9.11	3.86	1	B
Aroclor 1262	ND		ug/kg	9.11	3.52	1	A
Aroclor 1268	ND		ug/kg	9.11	3.04	1	A
PCBs, Total	50.9		ug/kg	9.11	3.04	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	89		30-150	A
Decachlorobiphenyl	88		30-150	A
Tetrachloro-meta-Xylene	85		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8082A
Analytical Date: 01/04/23 18:12
Analyst: DP
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab							
Aroclor 1016	ND		ug/kg	8.29	3.05	1	A
Aroclor 1221	ND		ug/kg	8.29	4.09	1	A
Aroclor 1232	ND		ug/kg	8.29	3.91	1	A
Aroclor 1242	ND		ug/kg	8.29	2.81	1	A
Aroclor 1248	33.4		ug/kg	8.29	3.51	1	A
Aroclor 1254	25.6		ug/kg	8.29	3.49	1	B
Aroclor 1260	14.8		ug/kg	8.29	3.51	1	B
Aroclor 1262	ND		ug/kg	8.29	3.20	1	A
Aroclor 1268	ND		ug/kg	8.29	2.76	1	A
PCBs, Total	73.8		ug/kg	8.29	2.76	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	89		30-150	A
Decachlorobiphenyl	93		30-150	A
Tetrachloro-meta-Xylene	96		30-150	B
Decachlorobiphenyl	128		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8082A
Analytical Date: 01/04/23 16:59
Analyst: DP

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab for sample(s): 01-05 Batch: WG1728567-1						
Aroclor 1016	ND		ug/kg	7.50	2.76	A
Aroclor 1221	ND		ug/kg	7.50	3.70	A
Aroclor 1232	ND		ug/kg	7.50	3.54	A
Aroclor 1242	ND		ug/kg	7.50	2.54	A
Aroclor 1248	ND		ug/kg	7.50	3.18	A
Aroclor 1254	ND		ug/kg	7.50	3.16	A
Aroclor 1260	ND		ug/kg	7.50	3.18	A
Aroclor 1262	ND		ug/kg	7.50	2.90	A
Aroclor 1268	ND		ug/kg	7.50	2.50	A
PCBs, Total	ND		ug/kg	7.50	2.50	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	84		30-150	A
Decachlorobiphenyl	106		30-150	A
Tetrachloro-meta-Xylene	83		30-150	B
Decachlorobiphenyl	111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINNEYTOWN DAM

Project Number: Not Specified

Lab Number: L2267995

Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
CT RCP Polychlorinated Biphenyls by GC - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728567-2									
Aroclor 1016	85		-		40-140	-		30	A
Aroclor 1260	98		-		40-140	-		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	87				30-150	A
Decachlorobiphenyl	130				30-150	A
Tetrachloro-meta-Xylene	82				30-150	B
Decachlorobiphenyl	121				30-150	B

PESTICIDES

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8151A
Analytical Date: 12/07/22 13:22
Analyst: MMG
Percent Solids: 91%
Methylation Date: 12/07/22 05:05

Extraction Method: EPA 8151A
Extraction Date: 12/06/22 06:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Chlorinated Herbicides - Westborough Lab							
Dalapon	ND		ug/kg	36	12.	1	A
Dicamba	ND		ug/kg	36	6.0	1	A
2,4-D	ND		ug/kg	36	11.	1	A
2,4,5-T	ND		ug/kg	36	5.6	1	A
2,4,5-TP (Silvex)	ND		ug/kg	36	4.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	81		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01 D
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8081B
Analytical Date: 01/05/23 18:48
Analyst: DP
Percent Solids: 91%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Organochlorine Pesticides - Mansfield Lab							
4,4'-DDD	1.21		ug/kg	0.543	0.543	5	B
4,4'-DDE	ND		ug/kg	0.543	0.543	5	A
4,4'-DDT	0.728	IP	ug/kg	0.543	0.543	5	A
Aldrin	ND		ug/kg	0.543	0.543	5	A
Alpha-BHC	ND		ug/kg	0.543	0.543	5	A
Beta-BHC	ND		ug/kg	0.543	0.543	5	A
Delta-BHC	ND		ug/kg	0.543	0.543	5	A
Dieldrin	ND		ug/kg	0.543	0.543	5	A
Endosulfan I	ND		ug/kg	0.543	0.543	5	A
Endosulfan II	ND		ug/kg	0.543	0.543	5	A
Endosulfan sulfate	ND		ug/kg	0.543	0.543	5	A
Endrin	ND		ug/kg	0.543	0.543	5	A
Endrin aldehyde	ND		ug/kg	0.543	0.543	5	A
Endrin ketone	ND		ug/kg	0.543	0.543	5	A
gamma-BHC	ND		ug/kg	0.543	0.543	5	A
Heptachlor	ND		ug/kg	0.543	0.543	5	A
Heptachlor epoxide	ND		ug/kg	1.09	1.09	5	B
Methoxychlor	ND		ug/kg	5.43	5.43	5	A
Toxaphene	ND		ug/kg	27.3	27.3	5	A
Chlordane	ND		ug/kg	27.3	27.3	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	92		30-150	A
Decachlorobiphenyl	99		30-150	A
Tetrachloro-meta-Xylene	82		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8151A
Analytical Date: 12/07/22 13:40
Analyst: MMG
Percent Solids: 90%
Methylation Date: 12/07/22 05:05

Extraction Method: EPA 8151A
Extraction Date: 12/06/22 06:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Chlorinated Herbicides - Westborough Lab							
Dalapon	ND		ug/kg	36	12.	1	A
Dicamba	ND		ug/kg	36	6.1	1	A
2,4-D	ND		ug/kg	36	12.	1	A
2,4,5-T	ND		ug/kg	36	5.7	1	A
2,4,5-TP (Silvex)	ND		ug/kg	36	4.9	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	65		30-150	A
DCAA	62		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02 D
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8081B
Analytical Date: 01/05/23 19:24
Analyst: DP
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Organochlorine Pesticides - Mansfield Lab							
4,4'-DDD	2.84		ug/kg	0.554	0.554	5	B
4,4'-DDE	1.10		ug/kg	0.554	0.554	5	A
4,4'-DDT	3.29	IP	ug/kg	0.554	0.554	5	A
Aldrin	ND		ug/kg	0.554	0.554	5	A
Alpha-BHC	ND		ug/kg	0.554	0.554	5	A
Beta-BHC	ND		ug/kg	0.554	0.554	5	A
Delta-BHC	ND		ug/kg	0.554	0.554	5	A
Dieldrin	3.01		ug/kg	0.554	0.554	5	B
Endosulfan I	ND		ug/kg	0.554	0.554	5	A
Endosulfan II	ND		ug/kg	0.554	0.554	5	A
Endosulfan sulfate	ND		ug/kg	0.554	0.554	5	A
Endrin	ND		ug/kg	0.554	0.554	5	A
Endrin aldehyde	ND		ug/kg	0.554	0.554	5	A
Endrin ketone	ND		ug/kg	0.554	0.554	5	A
gamma-BHC	ND		ug/kg	0.554	0.554	5	A
Heptachlor	ND		ug/kg	0.554	0.554	5	A
Heptachlor epoxide	ND		ug/kg	1.11	1.11	5	B
Methoxychlor	ND		ug/kg	5.54	5.54	5	A
Toxaphene	ND		ug/kg	27.8	27.8	5	A
Chlordane	ND		ug/kg	27.8	27.8	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	92		30-150	A
Decachlorobiphenyl	96		30-150	A
Tetrachloro-meta-Xylene	81		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8151A
Analytical Date: 12/07/22 13:59
Analyst: MMG
Percent Solids: 77%
Methylation Date: 12/07/22 05:05

Extraction Method: EPA 8151A
Extraction Date: 12/06/22 06:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Chlorinated Herbicides - Westborough Lab							
Dalapon	ND		ug/kg	43	14.	1	A
Dicamba	ND		ug/kg	43	7.2	1	A
2,4-D	ND		ug/kg	43	14.	1	A
2,4,5-T	ND		ug/kg	43	6.6	1	A
2,4,5-TP (Silvex)	ND		ug/kg	43	5.7	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	118		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03 D
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8081B
Analytical Date: 01/05/23 19:59
Analyst: DP
Percent Solids: 77%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Organochlorine Pesticides - Mansfield Lab							
4,4'-DDD	11.2	P	ug/kg	1.27	1.27	10	B
4,4'-DDE	7.35		ug/kg	1.27	1.27	10	A
4,4'-DDT	4.93	IP	ug/kg	1.27	1.27	10	A
Aldrin	ND		ug/kg	1.27	1.27	10	A
Alpha-BHC	ND		ug/kg	1.27	1.27	10	A
Beta-BHC	ND		ug/kg	1.27	1.27	10	A
Delta-BHC	ND		ug/kg	1.27	1.27	10	A
Dieldrin	172	P	ug/kg	1.27	1.27	10	A
Endosulfan I	ND		ug/kg	1.27	1.27	10	A
Endosulfan II	ND		ug/kg	1.27	1.27	10	A
Endosulfan sulfate	ND		ug/kg	1.27	1.27	10	A
Endrin	ND		ug/kg	1.27	1.27	10	A
Endrin aldehyde	ND		ug/kg	1.27	1.27	10	A
Endrin ketone	ND		ug/kg	1.27	1.27	10	A
gamma-BHC	ND		ug/kg	1.27	1.27	10	A
Heptachlor	ND		ug/kg	1.27	1.27	10	A
Heptachlor epoxide	ND		ug/kg	2.55	2.55	10	B
Methoxychlor	ND		ug/kg	12.7	12.7	10	A
Toxaphene	ND		ug/kg	63.9	63.9	10	A
Chlordane	ND		ug/kg	63.9	63.9	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	89		30-150	A
Decachlorobiphenyl	105		30-150	A
Tetrachloro-meta-Xylene	92		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8151A
Analytical Date: 12/07/22 14:17
Analyst: MMG
Percent Solids: 78%
Methylation Date: 12/07/22 05:05

Extraction Method: EPA 8151A
Extraction Date: 12/06/22 06:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Chlorinated Herbicides - Westborough Lab							
Dalapon	ND		ug/kg	42	14.	1	A
Dicamba	ND		ug/kg	42	7.1	1	A
2,4-D	ND		ug/kg	42	13.	1	A
2,4,5-T	ND		ug/kg	42	6.5	1	A
2,4,5-TP (Silvex)	ND		ug/kg	42	5.6	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	78		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04 D
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8081B
Analytical Date: 01/05/23 20:35
Analyst: DP
Percent Solids: 78%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Organochlorine Pesticides - Mansfield Lab							
4,4'-DDD	2.76	IP	ug/kg	1.21	1.21	10	A
4,4'-DDE	1.37	IP	ug/kg	1.21	1.21	10	A
4,4'-DDT	3.84	P	ug/kg	1.21	1.21	10	A
Aldrin	ND		ug/kg	1.21	1.21	10	A
Alpha-BHC	ND		ug/kg	1.21	1.21	10	A
Beta-BHC	ND		ug/kg	1.21	1.21	10	A
Delta-BHC	ND		ug/kg	1.21	1.21	10	A
Dieldrin	ND		ug/kg	1.21	1.21	10	A
Endosulfan I	ND		ug/kg	1.21	1.21	10	A
Endosulfan II	ND		ug/kg	1.21	1.21	10	A
Endosulfan sulfate	ND		ug/kg	1.21	1.21	10	A
Endrin	ND		ug/kg	1.21	1.21	10	A
Endrin aldehyde	ND		ug/kg	1.21	1.21	10	A
Endrin ketone	ND		ug/kg	1.21	1.21	10	A
gamma-BHC	ND		ug/kg	1.21	1.21	10	A
Heptachlor	ND		ug/kg	1.21	1.21	10	A
Heptachlor epoxide	ND		ug/kg	2.43	2.43	10	B
Methoxychlor	ND		ug/kg	12.1	12.1	10	A
Toxaphene	ND		ug/kg	61.0	61.0	10	A
Chlordane	ND		ug/kg	61.0	61.0	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	91		30-150	A
Decachlorobiphenyl	113		30-150	A
Tetrachloro-meta-Xylene	74		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8151A
Analytical Date: 12/07/22 15:49
Analyst: MMG
Percent Solids: 90%
Methylation Date: 12/07/22 05:05

Extraction Method: EPA 8151A
Extraction Date: 12/06/22 06:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Chlorinated Herbicides - Westborough Lab							
Dalapon	ND		ug/kg	36	12.	1	A
Dicamba	ND		ug/kg	36	6.1	1	A
2,4-D	ND		ug/kg	36	11.	1	A
2,4,5-T	ND		ug/kg	36	5.6	1	A
2,4,5-TP (Silvex)	ND		ug/kg	36	4.8	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	84		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05 D
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 79,8081B
Analytical Date: 01/05/23 21:10
Analyst: DP
Percent Solids: 90%

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
CT RCP Organochlorine Pesticides - Mansfield Lab							
4,4'-DDD	2.33	IP	ug/kg	0.552	0.552	5	A
4,4'-DDE	1.01		ug/kg	0.552	0.552	5	A
4,4'-DDT	1.05	IP	ug/kg	0.552	0.552	5	A
Aldrin	ND		ug/kg	0.552	0.552	5	A
Alpha-BHC	ND		ug/kg	0.552	0.552	5	A
Beta-BHC	ND		ug/kg	0.552	0.552	5	A
Delta-BHC	ND		ug/kg	0.552	0.552	5	A
Dieldrin	0.622	IP	ug/kg	0.552	0.552	5	A
Endosulfan I	ND		ug/kg	0.552	0.552	5	A
Endosulfan II	ND		ug/kg	0.552	0.552	5	A
Endosulfan sulfate	ND		ug/kg	0.552	0.552	5	A
Endrin	ND		ug/kg	0.552	0.552	5	A
Endrin aldehyde	ND		ug/kg	0.552	0.552	5	A
Endrin ketone	ND		ug/kg	0.552	0.552	5	A
gamma-BHC	ND		ug/kg	0.552	0.552	5	A
Heptachlor	ND		ug/kg	0.552	0.552	5	A
Heptachlor epoxide	ND		ug/kg	1.10	1.10	5	B
Methoxychlor	ND		ug/kg	5.52	5.52	5	A
Toxaphene	ND		ug/kg	27.7	27.7	5	A
Chlordane	ND		ug/kg	27.7	27.7	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	94		30-150	A
Decachlorobiphenyl	101		30-150	A
Tetrachloro-meta-Xylene	80		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8151A
Analytical Date: 12/07/22 14:35
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/06/22 06:11

Methylation Date: 12/07/22 05:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
CT RCP Chlorinated Herbicides - Westborough Lab for sample(s): 01-05 Batch: WG1719748-1						
Dalapon	ND		ug/kg	33	11.	A
Dicamba	ND		ug/kg	33	5.6	A
2,4-D	ND		ug/kg	33	10.	A
2,4,5-T	ND		ug/kg	33	5.1	A
2,4,5-TP (Silvex)	ND		ug/kg	33	4.4	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	78		30-150	B

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 79,8081B
Analytical Date: 01/05/23 17:38
Analyst: DP

Extraction Method: EPA 3570
Extraction Date: 12/30/22 01:21
Cleanup Method: EPA 3630
Cleanup Date: 12/30/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
CT RCP Organochlorine Pesticides - Mansfield Lab for sample(s): 01-05 Batch: WG1728569-1						
4,4'-DDD	ND		ug/kg	0.100	0.100	A
4,4'-DDE	ND		ug/kg	0.100	0.100	A
4,4'-DDT	ND		ug/kg	0.100	0.100	A
Aldrin	ND		ug/kg	0.100	0.100	A
Alpha-BHC	ND		ug/kg	0.100	0.100	A
Beta-BHC	ND		ug/kg	0.100	0.100	A
Delta-BHC	ND		ug/kg	0.100	0.100	A
Dieldrin	ND		ug/kg	0.100	0.100	A
Endosulfan I	ND		ug/kg	0.100	0.100	A
Endosulfan II	ND		ug/kg	0.100	0.100	A
Endosulfan sulfate	ND		ug/kg	0.100	0.100	A
Endrin	ND		ug/kg	0.100	0.100	A
Endrin aldehyde	ND		ug/kg	0.100	0.100	A
Endrin ketone	ND		ug/kg	0.100	0.100	A
gamma-BHC	ND		ug/kg	0.100	0.100	A
Heptachlor	ND		ug/kg	0.100	0.100	A
Methoxychlor	ND		ug/kg	1.00	1.00	A
Toxaphene	ND		ug/kg	5.02	5.02	A
Chlordane	ND		ug/kg	5.02	5.02	A
Heptachlor epoxide	ND		ug/kg	0.200	0.200	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	79		30-150	A
Decachlorobiphenyl	82		30-150	A
Tetrachloro-meta-Xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
CT RCP Chlorinated Herbicides - Westborough Lab Associated sample(s): 01-05 Batch: WG1719748-2 WG1719748-3									
Dalapon	58		41		40-140	**34**	Q	25	A
Dicamba	84		46		40-140	**58**	Q	25	A
2,4-D	84		44		40-140	**63**	Q	25	A
2,4,5-T	84		43		40-140	**65**	Q	25	A
2,4,5-TP (Silvex)	83		44		40-140	**61**	Q	25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		47		30-150	A
DCAA	84		53		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
CT RCP Organochlorine Pesticides - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728569-2									
4,4'-DDD	105		-		40-140	-		30	A
4,4'-DDE	104		-		40-140	-		30	A
4,4'-DDT	116		-		40-140	-		30	A
Aldrin	98		-		40-140	-		30	A
Alpha-BHC	102		-		40-140	-		30	A
Beta-BHC	87		-		40-140	-		30	A
Delta-BHC	71		-		40-140	-		30	A
Dieldrin	109		-		40-140	-		30	A
Endosulfan I	97		-		40-140	-		30	A
Endosulfan II	98		-		40-140	-		30	A
Endosulfan sulfate	102		-		40-140	-		30	A
Endrin	114		-		40-140	-		30	A
Endrin aldehyde	89		-		40-140	-		30	A
Endrin ketone	119		-		40-140	-		30	A
gamma-BHC	102		-		40-140	-		30	A
Heptachlor	100		-		40-140	-		30	A
Methoxychlor	102		-		40-140	-		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Organochlorine Pesticides - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728569-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	86				30-150	A
Decachlorobiphenyl	93				30-150	A
Tetrachloro-meta-Xylene	81				30-150	B
Decachlorobiphenyl	92				30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
CT RCP Organochlorine Pesticides - Mansfield Lab Associated sample(s): 01-05 Batch: WG1728569-2									
Heptachlor epoxide	103		-		40-140	-		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
Tetrachloro-meta-Xylene	86				30-150	A
Decachlorobiphenyl	93				30-150	A
Tetrachloro-meta-Xylene	81				30-150	B
Decachlorobiphenyl	92				30-150	B

METALS

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01
Client ID: KTD-01A
Sample Location: SEYMOUR, CT
Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	1.67	0.141	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Arsenic, Total	0.459	J	mg/kg	0.522	0.069	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Barium, Total	15.1		mg/kg	3.13	0.220	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Beryllium, Total	0.116	J	mg/kg	0.313	0.091	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Cadmium, Total	0.094	J	mg/kg	0.209	0.028	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Chromium, Total	27.1		mg/kg	2.09	0.489	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Copper, Total	41.0		mg/kg	2.09	0.202	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Lead, Total	13.7		mg/kg	0.626	0.152	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Mercury, Total	ND		mg/kg	0.077	0.050	1	12/27/22 18:29	12/28/22 12:54	EPA 7471B	77,7471B	DMB
Nickel, Total	5.77		mg/kg	1.04	0.279	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Selenium, Total	ND		mg/kg	2.09	0.789	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Silver, Total	0.131	J	mg/kg	0.522	0.051	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Thallium, Total	ND		mg/kg	0.418	0.054	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Vanadium, Total	5.05		mg/kg	1.04	0.396	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV
Zinc, Total	39.2		mg/kg	10.4	2.71	10	12/27/22 18:18	01/03/23 19:43	EPA 3050B	79,6020B	SV

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02
Client ID: KTD-01B
Sample Location: SEYMOUR, CT
Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	1.69	0.142	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Arsenic, Total	0.603		mg/kg	0.527	0.070	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Barium, Total	19.7		mg/kg	3.16	0.223	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Beryllium, Total	0.153	J	mg/kg	0.316	0.092	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Cadmium, Total	0.443		mg/kg	0.211	0.028	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Chromium, Total	64.8		mg/kg	2.11	0.493	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Copper, Total	149		mg/kg	2.11	0.204	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Lead, Total	20.8		mg/kg	0.632	0.154	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Mercury, Total	ND		mg/kg	0.076	0.049	1	12/27/22 18:29	12/28/22 12:57	EPA 7471B	77,7471B	DMB
Nickel, Total	8.47		mg/kg	1.05	0.282	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Selenium, Total	ND		mg/kg	2.11	0.797	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Silver, Total	0.447	J	mg/kg	0.527	0.051	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Thallium, Total	0.054	J	mg/kg	0.422	0.054	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Vanadium, Total	8.84		mg/kg	1.05	0.400	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV
Zinc, Total	68.0		mg/kg	10.5	2.74	10	12/27/22 18:18	01/03/23 19:47	EPA 3050B	79,6020B	SV

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03
Client ID: KTD-01C
Sample Location: SEYMOUR, CT
Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab											
Antimony, Total	0.474	J	mg/kg	2.00	0.169	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Arsenic, Total	1.32		mg/kg	0.626	0.083	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Barium, Total	89.8		mg/kg	3.76	0.264	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Beryllium, Total	0.281	J	mg/kg	0.376	0.109	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Cadmium, Total	2.72		mg/kg	0.250	0.033	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Chromium, Total	305		mg/kg	2.50	0.586	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Copper, Total	677		mg/kg	2.50	0.243	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Lead, Total	160		mg/kg	0.751	0.183	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Mercury, Total	0.092		mg/kg	0.089	0.058	1	12/27/22 18:29	12/28/22 13:01	EPA 7471B	77,7471B	DMB
Nickel, Total	35.3		mg/kg	1.25	0.334	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Selenium, Total	0.991	J	mg/kg	2.50	0.946	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Silver, Total	3.32		mg/kg	0.626	0.061	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Thallium, Total	0.111	J	mg/kg	0.501	0.065	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Vanadium, Total	19.5		mg/kg	1.25	0.475	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV
Zinc, Total	339		mg/kg	12.5	3.25	10	12/27/22 18:18	01/03/23 19:52	EPA 3050B	79,6020B	SV

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04
Client ID: KTD-02A
Sample Location: SEYMOUR, CT
Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	1.96	0.166	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Arsenic, Total	0.740		mg/kg	0.613	0.081	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Barium, Total	21.8		mg/kg	3.68	0.259	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Beryllium, Total	0.137	J	mg/kg	0.368	0.107	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Cadmium, Total	0.131	J	mg/kg	0.245	0.032	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Chromium, Total	18.0		mg/kg	2.45	0.574	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Copper, Total	47.9		mg/kg	2.45	0.238	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Lead, Total	15.7		mg/kg	0.735	0.179	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Mercury, Total	ND		mg/kg	0.092	0.060	1	12/27/22 18:29	12/28/22 13:04	EPA 7471B	77,7471B	DMB
Nickel, Total	11.0		mg/kg	1.22	0.328	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Selenium, Total	ND		mg/kg	2.45	0.927	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Silver, Total	0.090	J	mg/kg	0.613	0.060	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Thallium, Total	ND		mg/kg	0.490	0.063	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Vanadium, Total	11.7		mg/kg	1.22	0.465	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV
Zinc, Total	73.0		mg/kg	12.2	3.19	10	12/27/22 18:18	01/03/23 19:57	EPA 3050B	79,6020B	SV

Project Name: KINNEYTOWN DAM
Project Number: Not Specified
Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05
Client ID: KTD-02B
Sample Location: SEYMOUR, CT
Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	1.68	0.142	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Arsenic, Total	0.849		mg/kg	0.527	0.070	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Barium, Total	26.1		mg/kg	3.16	0.222	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Beryllium, Total	0.112	J	mg/kg	0.316	0.092	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Cadmium, Total	0.619		mg/kg	0.211	0.028	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Chromium, Total	63.3		mg/kg	2.11	0.493	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Copper, Total	142		mg/kg	2.11	0.204	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Lead, Total	23.4		mg/kg	0.632	0.154	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Mercury, Total	ND		mg/kg	0.080	0.052	1	12/27/22 18:29	12/28/22 13:07	EPA 7471B	77,7471B	DMB
Nickel, Total	9.66		mg/kg	1.05	0.282	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Selenium, Total	ND		mg/kg	2.11	0.796	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Silver, Total	0.375	J	mg/kg	0.527	0.051	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Thallium, Total	ND		mg/kg	0.421	0.054	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Vanadium, Total	7.22		mg/kg	1.05	0.400	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV
Zinc, Total	73.6		mg/kg	10.5	2.74	10	12/27/22 18:18	01/03/23 20:02	EPA 3050B	79,6020B	SV

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1725500-1										
Antimony, Total	ND		mg/kg	1.60	0.135	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Arsenic, Total	ND		mg/kg	0.500	0.066	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Barium, Total	ND		mg/kg	3.00	0.211	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Beryllium, Total	ND		mg/kg	0.300	0.087	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Cadmium, Total	ND		mg/kg	0.200	0.026	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Chromium, Total	ND		mg/kg	2.00	0.468	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Copper, Total	ND		mg/kg	2.00	0.194	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Lead, Total	ND		mg/kg	0.600	0.146	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Nickel, Total	ND		mg/kg	1.00	0.267	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Selenium, Total	ND		mg/kg	2.00	0.756	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Silver, Total	ND		mg/kg	0.500	0.049	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Thallium, Total	ND		mg/kg	0.400	0.052	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Vanadium, Total	ND		mg/kg	1.00	0.379	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV
Zinc, Total	ND		mg/kg	10.0	2.60	10	12/27/22 18:18	01/03/23 19:23	79,6020B	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1725501-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/27/22 18:29	12/28/22 12:38	77,7471B	DMB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1725500-2 SRM Lot Number: D116-540								
Antimony, Total	173		-		2-205	-		35
Arsenic, Total	104		-		82-119	-		35
Barium, Total	94		-		82-118	-		35
Beryllium, Total	104		-		82-118	-		35
Cadmium, Total	102		-		82-118	-		35
Chromium, Total	96		-		81-118	-		35
Copper, Total	104		-		83-117	-		35
Lead, Total	111		-		83-117	-		35
Nickel, Total	95		-		82-118	-		35
Selenium, Total	106		-		78-122	-		35
Silver, Total	107		-		79-121	-		35
Thallium, Total	106		-		80-120	-		35
Vanadium, Total	100		-		78-122	-		35
Zinc, Total	97		-		80-120	-		35
CT RCP Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1725501-2 SRM Lot Number: D116-540								
Mercury, Total	98		-		58-142	-		35

INORGANICS
&
MISCELLANEOUS

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-01
Client ID: KTD-01A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:15
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.119		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Rep2)	0.109		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Average)	0.114		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Gravel	12.7		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Gravel	20.4		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Gravel	33.1		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Sand	20.9		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Medium Sand	41.2		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Sand	3.50		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Sand	65.6		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Silt Fine	1.20		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Clay Fine	0.100		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Fines	1.30		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
General Chemistry - Westborough Lab										
pH (H)	6.2		SU	-	NA	1	-	12/30/22 09:25	1,9045D	KES
General Chemistry - Mansfield Lab										
Solids, Total	91.1		%	0.100	0.100	1	-	12/27/22 17:24	121,2540G	AM
WATER CONTENT	9.2		%	0.10	NA	1	-	12/28/22 13:55	12,D2216-98	SK

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-02
Client ID: KTD-01B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:20
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.171		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Rep2)	0.122		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Average)	0.146		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Gravel	23.2		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Gravel	19.8		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Gravel	43.0		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Sand	12.7		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Medium Sand	34.2		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Sand	9.00		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Sand	55.9		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Silt Fine	1.00		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Clay Fine	0.100		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Fines	1.10		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
General Chemistry - Westborough Lab										
pH (H)	5.6		SU	-	NA	1	-	12/30/22 09:25	1,9045D	KES
General Chemistry - Mansfield Lab										
Solids, Total	89.7		%	0.100	0.100	1	-	12/27/22 17:24	121,2540G	AM
WATER CONTENT	12		%	0.10	NA	1	-	12/28/22 13:55	12,D2216-98	SK

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-03
Client ID: KTD-01C
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 15:25
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	1.04		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Rep2)	1.05		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Average)	1.05		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Gravel	4.10		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Gravel	4.10		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Gravel	8.20		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Sand	2.90		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Medium Sand	11.3		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Sand	72.4		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Sand	86.6		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Silt Fine	4.90		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Clay Fine	0.300		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Fines	5.20		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
General Chemistry - Westborough Lab										
pH (H)	6.9		SU	-	NA	1	-	12/30/22 09:25	1,9045D	KES
General Chemistry - Mansfield Lab										
Solids, Total	76.7		%	0.100	0.100	1	-	12/27/22 17:24	121,2540G	AM
WATER CONTENT	34		%	0.10	NA	1	-	12/28/22 13:55	12,D2216-98	SK

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-04
Client ID: KTD-02A
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:00
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.151		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Rep2)	0.183		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Average)	0.167		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Gravel	3.00		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Gravel	24.2		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Gravel	27.2		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Sand	12.7		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Medium Sand	38.8		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Sand	20.3		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Sand	71.8		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Silt Fine	1.00		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Clay Fine	ND		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Fines	1.00		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
General Chemistry - Westborough Lab										
pH (H)	5.9		SU	-	NA	1	-	12/30/22 09:25	1,9045D	KES
General Chemistry - Mansfield Lab										
Solids, Total	78.2		%	0.100	0.100	1	-	12/27/22 17:24	121,2540G	AM
WATER CONTENT	7.2		%	0.10	NA	1	-	12/28/22 13:55	12,D2216-98	SK

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

SAMPLE RESULTS

Lab ID: L2267995-05
Client ID: KTD-02B
Sample Location: SEYMOUR, CT

Date Collected: 12/03/22 16:05
Date Received: 12/05/22
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.103		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Rep2)	0.221		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Average)	0.162		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Gravel	4.70		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Gravel	13.0		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Gravel	17.7		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Coarse Sand	16.3		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Medium Sand	49.0		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Fine Sand	15.6		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Sand	80.9		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Silt Fine	1.30		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Clay Fine	0.100		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
% Total Fines	1.40		%	0.100	NA	1	-	12/28/22 13:42	12,D6913/D7928	SK
General Chemistry - Westborough Lab										
pH (H)	5.7		SU	-	NA	1	-	12/30/22 09:25	1,9045D	KES
General Chemistry - Mansfield Lab										
Solids, Total	89.6		%	0.100	0.100	1	-	12/27/22 17:24	121,2540G	AM
WATER CONTENT	12		%	0.10	NA	1	-	12/28/22 13:55	12,D2216-98	SK

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995

Project Number: Not Specified **Report Date:** 01/09/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab for sample(s): 01-05 Batch: WG1728155-1										
WATER CONTENT	ND		%	0.10	NA	1	-	12/28/22 13:55	12,D2216-98	SK
Total Organic Carbon - Mansfield Lab for sample(s): 01-05 Batch: WG1729337-1										
Total Organic Carbon (Rep1)	ND		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Rep2)	ND		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP
Total Organic Carbon (Average)	ND		%	0.010	0.010	1	-	12/27/22 18:24	1,9060A	SP

Lab Control Sample Analysis
Batch Quality Control

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1728819-1								
pH	100		-		99-101	-		
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-05 Batch: WG1729337-2								
Total Organic Carbon (Rep1)	108		-		75-125	-		25
Total Organic Carbon (Rep2)	106		-		75-125	-		25
Total Organic Carbon (Average)	107		-		75-125	-		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: KINNEYTOWN DAM

Project Number: Not Specified

Lab Number: L2267995

Report Date: 01/09/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Grain Size Analysis - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1728152-1 QC Sample: L2267995-03 Client ID: KTD-01C						
Cobbles	ND	ND	%	NC		20
% Coarse Gravel	4.10	7.40	%	**57**	Q	20
% Fine Gravel	4.10	6.20	%	**41**	Q	20
% Total Gravel	8.20	13.6	%	**50**	Q	20
% Coarse Sand	2.90	3.30	%	13		20
% Medium Sand	11.3	10.3	%	9		20
% Fine Sand	72.4	63.0	%	14		20
% Total Sand	86.6	76.6	%	12		20
% Silt Fine	4.90	9.70	%	**66**	Q	20
% Clay Fine	0.300	0.100	%	**100**	Q	20
% Total Fines	5.20	9.80	%	**61**	Q	20
General Chemistry - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1728155-2 QC Sample: L2267995-03 Client ID: KTD-01C						
WATER CONTENT	34	36	%	7		10

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Sample Receipt and Container Information

Were project specific reporting limits specified? NO

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2267995-01A	Vial MeOH preserved	A	NA		5.1	Y	Absent		CT-8260HLW(14)
L2267995-01B	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-01C	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-01D	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		A2-TS(7)
L2267995-01E	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		CT-8151(14),PH-9045(1)
L2267995-01F	Plastic 8oz unpreserved for Grain Size	A	NA		5.1	Y	Absent		A2-HYDRO-TFINE(),A2-HYDRO-CFINE(),A2-HYDRO-FSAND(),A2-HYDRO-CGRAVEL(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-FGRAVEL(),A2-HYDRO-COBBLES()
L2267995-01G	Glass 500ml/16oz unpreserved	A	NA		5.1	Y	Absent		A2-V-CT6020T(180),A2-CU-CT6020T(180),A2-WATERCONT-D2216(28),A2-AG-CT6020T(180),A2-CT-PCB-8082(14),A2-HG-CT-7471T(28),A2-CT-PAHSIM(14),A2-PB-CT6020T(180),A2-AS-CT6020T(180),A2-SE-CT6020T(180),A2-CD-CT6020T(180),A2-BE-CT6020T(180),A2-CT-PEST-8081(14),A2-BA-CT6020T(180),A2-SB-CT6020T(180),A2-TOC-9060-2REPS(28),A2-NI-CT6020T(180),A2-ZN-CT6020T(180),A2-TL-CT6020T(180),A2-CR-CT6020T(180),A2-CT-8270(14)
L2267995-02A	Vial MeOH preserved	A	NA		5.1	Y	Absent		CT-8260HLW(14)
L2267995-02B	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-02C	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-02D	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		A2-TS(7)
L2267995-02E	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		CT-8151(14),PH-9045(1)
L2267995-02F	Plastic 8oz unpreserved for Grain Size	A	NA		5.1	Y	Absent		A2-HYDRO-TFINE(),A2-HYDRO-CFINE(),A2-HYDRO-FSAND(),A2-HYDRO-CGRAVEL(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-SFINE(),A2-HYDRO-CSAND(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()

*Values in parentheses indicate holding time in days

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2267995-02G	Glass 500ml/16oz unpreserved	A	NA		5.1	Y	Absent		A2-CU-CT6020T(180),A2-WATERCONT-D2216(28),A2-V-CT6020T(180),A2-CT-PCB-8082(14),A2-AG-CT6020T(180),A2-HG-CT-7471T(28),A2-PB-CT6020T(180),A2-CT-PAHSIM(14),A2-AS-CT6020T(180),A2-SE-CT6020T(180),A2-CD-CT6020T(180),A2-BE-CT6020T(180),A2-CT-PEST-8081(14),A2-NI-CT6020T(180),A2-SB-CT6020T(180),A2-TOC-9060-2REPS(28),A2-BA-CT6020T(180),A2-CT-8270(14),A2-ZN-CT6020T(180),A2-CR-CT6020T(180),A2-TL-CT6020T(180)
L2267995-03A	Vial MeOH preserved	A	NA		5.1	Y	Absent		CT-8260HLW(14)
L2267995-03B	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-03C	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-03D	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		A2-TS(7)
L2267995-03E	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		CT-8151(14),PH-9045(1)
L2267995-03F	Plastic 8oz unpreserved for Grain Size	A	NA		5.1	Y	Absent		A2-HYDRO-TFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-CFINE(),A2-HYDRO-FSAND(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-SFINE(),A2-HYDRO-TSAND(),A2-HYDRO-FGRAVEL(),A2-HYDRO-COBBLES()
L2267995-03G	Glass 500ml/16oz unpreserved	A	NA		5.1	Y	Absent		A2-CU-CT6020T(180),A2-WATERCONT-D2216(28),A2-V-CT6020T(180),A2-CT-PCB-8082(14),A2-AG-CT6020T(180),A2-HG-CT-7471T(28),A2-PB-CT6020T(180),A2-CT-PAHSIM(14),A2-AS-CT6020T(180),A2-SE-CT6020T(180),A2-BE-CT6020T(180),A2-CD-CT6020T(180),A2-TOC-9060-2REPS(28),A2-BA-CT6020T(180),A2-CT-PEST-8081(14),A2-SB-CT6020T(180),A2-NI-CT6020T(180),A2-CR-CT6020T(180),A2-TL-CT6020T(180),A2-ZN-CT6020T(180),A2-CT-8270(14)
L2267995-04A	Vial MeOH preserved	A	NA		5.1	Y	Absent		CT-8260HLW(14)
L2267995-04B	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-04C	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-04D	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		A2-TS(7)
L2267995-04E	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		CT-8151(14),PH-9045(1)

*Values in parentheses indicate holding time in days

Project Name: KINNEYTOWN DAM
Project Number: Not Specified

Lab Number: L2267995
Report Date: 01/09/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2267995-04F	Plastic 8oz unpreserved for Grain Size	A	NA		5.1	Y	Absent		A2-HYDRO-TFINE(),A2-HYDRO-CFINE(),A2-HYDRO-FSAND(),A2-HYDRO-CGRAVEL(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-SFINE(),A2-HYDRO-CSAND(),A2-HYDRO-TSAND(),A2-HYDRO-FGRAVEL(),A2-HYDRO-COBBLES()
L2267995-04G	Glass 500ml/16oz unpreserved	A	NA		5.1	Y	Absent		A2-WATERCONT-D2216(28),A2-CU-CT6020T(180),A2-V-CT6020T(180),A2-AG-CT6020T(180),A2-CT-PCB-8082(14),A2-HG-CT-7471T(28),A2-AS-CT6020T(180),A2-PB-CT6020T(180),A2-CT-PAHSIM(14),A2-SE-CT6020T(180),A2-BE-CT6020T(180),A2-CD-CT6020T(180),A2-SB-CT6020T(180),A2-TOC-9060-2REPS(28),A2-BA-CT6020T(180),A2-CT-PEST-8081(14),A2-NI-CT6020T(180),A2-CT-8270(14),A2-TL-CT6020T(180),A2-CR-CT6020T(180),A2-ZN-CT6020T(180)
L2267995-05A	Vial MeOH preserved	A	NA		5.1	Y	Absent		CT-8260HLW(14)
L2267995-05B	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-05C	Vial water preserved	A	NA		5.1	Y	Absent	**05-DEC-22 23:24**	CT-8260HLW(14)
L2267995-05D	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		A2-TS(7)
L2267995-05E	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		CT-8151(14),PH-9045(1)
L2267995-05F	Plastic 8oz unpreserved for Grain Size	A	NA		5.1	Y	Absent		A2-HYDRO-TFINE(),A2-HYDRO-FSAND(),A2-HYDRO-CFINE(),A2-HYDRO-CGRAVEL(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-SFINE(),A2-HYDRO-CSAND(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L2267995-05G	Glass 500ml/16oz unpreserved	A	NA		5.1	Y	Absent		A2-CU-CT6020T(180),A2-V-CT6020T(180),A2-WATERCONT-D2216(28),A2-CT-PCB-8082(14),A2-AG-CT6020T(180),A2-HG-CT-7471T(28),A2-CT-PAHSIM(14),A2-PB-CT6020T(180),A2-SE-CT6020T(180),A2-AS-CT6020T(180),A2-CD-CT6020T(180),A2-BE-CT6020T(180),A2-CT-PEST-8081(14),A2-BA-CT6020T(180),A2-SB-CT6020T(180),A2-NI-CT6020T(180),A2-TOC-9060-2REPS(28),A2-TL-CT6020T(180),A2-ZN-CT6020T(180),A2-CR-CT6020T(180),A2-CT-8270(14)

*Values in parentheses indicate holding time in days

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	KINNEYTOWN DAM	**Lab Number:**	L2267995
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: KINNEYTOWN DAM **Lab Number:** L2267995
Project Number: Not Specified **Report Date:** 01/09/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

12 Annual Book of ASTM Standards. (American Society for Testing and Materials) ASTM International.

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

79 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Versions 2.0 and 3.0, July and December 2006.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ASTM D6913/D7928

GRAIN SIZE ANALYSIS

Particle Size Distribution Report

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	12.7	20.4	20.9	41.2	3.5	1.2	0.1

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			15.5671	3.4106	2.2911	1.2240	0.7430	0.5954	0.74	5.73

Material Description	USCS	AASHTO
○	SP	

Project No. **Client:**
Project:

○ **Source of Sample:** KTD-01A **Sample Number:** L2267995-01

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

1/5/2023

Location: KTD-01A
Sample Number: L2267995-01
USCS Classification: SP

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 108.55
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
108.55	0.00	3	0.00	0.00	100.0
		#4	35.93	0.00	66.9
		#10	22.64	0.00	46.0
		#20	29.79	0.00	18.6
		#40	15.00	0.00	4.8
		#60	3.16	0.00	1.9
		#140	0.52	0.00	1.4
		#200	0.08	0.00	1.3

Hydrometer Test Data

Hydrometer test uses material passing #200
Percent passing #200 based upon complete sample = 1.3
Weight of hydrometer sample =50.15
Automatic temperature correction
Composite correction (fluid density and meniscus height) at 20 deg. C = 0
Meniscus correction only = 0.0
Specific gravity of solids = 2.65
Hydrometer type = 151H
Hydrometer effective depth equation: L = 16.294964 **-** 0.2645 **x Rm**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	18.2	1.0030	1.0027	0.0140	3.0	15.5	0.0389	0.1
5.00	18.2	1.0030	1.0027	0.0140	3.0	15.5	0.0246	0.1
15.00	18.2	1.0030	1.0027	0.0140	3.0	15.5	0.0142	0.1
30.00	18.2	1.0030	1.0027	0.0140	3.0	15.5	0.0100	0.1
60.00	18.2	1.0030	1.0027	0.0140	3.0	15.5	0.0071	0.1
240.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0036	0.1
1440.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0015	0.1

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Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	12.7	20.4	33.1	20.9	41.2	3.5	65.6	1.2	0.1	1.3

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.4334	0.5954	0.7430	0.8924	1.2240	1.6523	2.2911	3.4106	10.5414	15.5671	24.6100	42.0349

Fineness Modulus	C_u	C_c
4.79	5.73	0.74

Alpha Analytical

Particle Size Distribution Report

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	23.2	19.8	12.7	34.2	9.0	1.0	0.1

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			31.4824	6.0384	2.7601	1.1223	0.5690	0.4224	0.49	14.30

Material Description	USCS	AASHTO
○	SP	

Project No. **Client:**
Project:

○ **Source of Sample:** KTD-01B **Sample Number:** L2267995-02

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

1/5/2023

Location: KTD-01B
Sample Number: L2267995-02
USCS Classification: SP

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 103.95
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
103.95	0.00	3	0.00	0.00	100.0
		#4	44.74	0.00	57.0
		#10	13.12	0.00	44.3
		#20	22.11	0.00	23.1
		#40	13.48	0.00	10.1
		#60	7.46	0.00	2.9
		#140	1.83	0.00	1.2
		#200	0.11	0.00	1.1

Hydrometer Test Data

Hydrometer test uses material passing #200
Percent passing #200 based upon complete sample = 1.1
Weight of hydrometer sample =50.00
Automatic temperature correction
Composite correction (fluid density and meniscus height) at 20 deg. C = 0
Meniscus correction only = 0.0
Specific gravity of solids = 2.65
Hydrometer type = 151H
Hydrometer effective depth equation: L = 16.294964 **-** 0.2645 **x Rm**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0390	0.1
5.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0247	0.1
15.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0142	0.1
30.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0101	0.1
60.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0071	0.1
240.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0036	0.1
1440.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0015	0.1

Alpha Analytical

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	23.2	19.8	43.0	12.7	34.2	9.0	55.9	1.0	0.1	1.1

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3021	0.4224	0.5690	0.7389	1.1223	1.6522	2.7601	6.0384	23.2308	31.4824	42.4050	56.8972

Fineness Modulus	C_u	C_c
5.10	14.30	0.49

Particle Size Distribution Report

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	4.1	4.1	2.9	11.3	72.4	4.9	0.3

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			1.0065	0.2169	0.1882	0.1452	0.1152	0.1021	0.95	2.12

Material Description	USCS	AASHTO
○		

Project No. **Client:**

Project:

○ **Source of Sample:** KTD-01C **Sample Number:** L2267995-03

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

1/5/2023

Location: KTD-01C
Sample Number: L2267995-03

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 60.16
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
60.16	0.00	3	0.00	0.00	100.0
		#4	4.91	0.00	91.8
		#10	1.78	0.00	88.9
		#20	3.15	0.00	83.6
		#40	3.64	0.00	77.6
		#60	5.82	0.00	67.9
		#140	34.07	0.00	11.3
		#200	3.65	0.00	5.2

Hydrometer Test Data

Hydrometer test uses material passing #200
Percent passing #200 based upon complete sample = 5.2
Weight of hydrometer sample =50.06
Automatic temperature correction
Composite correction (fluid density and meniscus height) at 20 deg. C = 0
Meniscus correction only = 0.0
Specific gravity of solids = 2.65
Hydrometer type = 151H
Hydrometer effective depth equation: L = 16.294964 **-** 0.2645 **x Rm**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0390	0.4
5.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0247	0.4
15.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0142	0.4
30.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0101	0.3
60.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0072	0.3
240.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0036	0.2
1440.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0015	0.2

Alpha Analytical

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	4.1	4.1	8.2	2.9	11.3	72.4	86.6	4.9	0.3	5.2

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0730	0.1021	0.1152	0.1257	0.1452	0.1654	0.1882	0.2169	0.5740	1.0065	2.6682	13.7915

Fineness Modulus	C_u	C_c
1.58	2.12	0.95

Alpha Analytical

Particle Size Distribution Report

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	7.4	6.2	3.3	10.3	63.0	9.7	0.1

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			3.2204	0.2270	0.1921	0.1430	0.1065	0.0768	1.17	2.96

Material Description	USCS	AASHTO
○		

Project No. **Client:**

Project:

○ **Source of Sample:** KTD-01C **Sample Number:** WG1728152-1

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

1/5/2023

Location: KTD-01C
Sample Number: WG1728152-1

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 60.90
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
60.90	0.00	3	0.00	0.00	100.0
		#4	8.28	0.00	86.4
		#10	1.99	0.00	83.1
		#20	3.09	0.00	78.1
		#40	3.18	0.00	72.8
		#60	5.08	0.00	64.5
		#140	30.23	0.00	14.9
		#200	3.10	0.00	9.8

Hydrometer Test Data

Hydrometer test uses material passing #200
Percent passing #200 based upon complete sample = 9.8
Weight of hydrometer sample =50.37
Automatic temperature correction
Composite correction (fluid density and meniscus height) at 20 deg. C = 0
Meniscus correction only = 0.0
Specific gravity of solids = 2.65
Hydrometer type = 151H
Hydrometer effective depth equation: L = 16.294964 **-** 0.2645 **x Rm**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0392	0.5
5.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0248	0.5
15.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0143	0.5
30.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0102	0.4
60.00	18.2	1.0010	1.0007	0.0140	1.0	16.0	0.0072	0.2
240.00	18.2	1.0005	1.0002	0.0140	0.5	16.2	0.0036	0.1
1440.00	18.2	1.0005	1.0002	0.0140	0.5	16.2	0.0015	0.1

Alpha Analytical

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	7.4	6.2	13.6	3.3	10.3	63.0	76.6	9.7	0.1	9.8

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0545	0.0768	0.1065	0.1203	0.1430	0.1658	0.1921	0.2270	1.1152	3.2204	11.1401	30.2651

Fineness Modulus	C_u	C_c
1.93	2.96	1.17

Particle Size Distribution Report

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○		3.0	24.2	12.7	38.8	20.3	1.0	0.0

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			8.5553	1.9781	1.0415	0.5233	0.3649	0.3160	0.44	6.26

Material Description	USCS	AASHTO
○	SP	

Project No. **Client:**

Project:

○ **Source of Sample:** KTD-02A **Sample Number:** L2267995-04

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

1/6/2023

Location: KTD-02A
Sample Number: L2267995-04
USCS Classification: SP

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 125.29
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
125.29	0.00	3	0.00	0.00	100.0
		#4	34.13	0.00	72.8
		#10	15.81	0.00	60.1
		#20	18.41	0.00	45.4
		#40	30.20	0.00	21.3
		#60	20.70	0.00	4.8
		#140	4.59	0.00	1.2
		#200	0.15	0.00	1.0

Hydrometer Test Data

Hydrometer test uses material passing #200
Percent passing #200 based upon complete sample = 1.0
Weight of hydrometer sample =50.98
Automatic temperature correction
Composite correction (fluid density and meniscus height) at 20 deg. C = 0
Meniscus correction only = 0.0
Specific gravity of solids = 2.65
Hydrometer type = 151H
Hydrometer effective depth equation: L = 16.294964 **-** 0.2645 **x Rm**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0392	0.1
5.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0248	0.1
15.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0143	0.1
30.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0102	0.0
60.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0072	0.0
240.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0036	0.0
1440.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0015	0.0

Alpha Analytical

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
	3.0	24.2	27.2	12.7	38.8	20.3	71.8	1.0	0.0	1.0

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2530	0.3160	0.3649	0.4119	0.5233	0.6966	1.0415	1.9781	6.7573	8.5553	11.0974	15.6080

Fineness Modulus	C_u	C_c
3.84	6.26	0.44

Particle Size Distribution Report

	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0.0	4.7	13.0	16.3	49.0	15.6	1.3	0.1

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			5.8113	1.5859	1.1272	0.6223	0.3995	0.3378	0.72	4.70

Material Description	USCS	AASHTO
○	SP	

Project No. **Client:**
Project:

○ **Source of Sample:** KTD-02B **Sample Number:** L2267995-05

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

1/5/2023

Location: KTD-02B
Sample Number: L2267995-05
USCS Classification: SP

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 118.79
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
118.79	0.00	3	0.00	0.00	100.0
		#4	21.05	0.00	82.3
		#10	19.37	0.00	66.0
		#20	29.89	0.00	40.8
		#40	28.30	0.00	17.0
		#60	16.19	0.00	3.4
		#140	2.25	0.00	1.5
		#200	0.11	0.00	1.4

Hydrometer Test Data

Hydrometer test uses material passing #200
Percent passing #200 based upon complete sample = 1.4
Weight of hydrometer sample =50.29
Automatic temperature correction
Composite correction (fluid density and meniscus height) at 20 deg. C = 0
Meniscus correction only = 0.0
Specific gravity of solids = 2.65
Hydrometer type = 151H
Hydrometer effective depth equation: L = 16.294964 **-** 0.2645 **x Rm**

Elapsed Time (min.)	Temp. (deg. C.)	Actual Reading	Corrected Reading	K	Rm	Eff. Depth	Diameter (mm.)	Percent Finer
2.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0390	0.1
5.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0247	0.1
15.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0142	0.1
30.00	18.2	1.0025	1.0022	0.0140	2.5	15.6	0.0101	0.1
60.00	18.2	1.0020	1.0017	0.0140	2.0	15.8	0.0072	0.1
240.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0036	0.1
1440.00	18.2	1.0015	1.0012	0.0140	1.5	15.9	0.0015	0.1

Alpha Analytical

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	4.7	13.0	17.7	16.3	49.0	15.6	80.9	1.3	0.1	1.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2744	0.3378	0.3995	0.4656	0.6223	0.8299	1.1272	1.5859	4.0808	5.8113	9.1732	18.0923

Fineness Modulus	C_u	C_c
3.75	4.70	0.72

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220
320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 12/5/22

ALPHA Job #: L2267995

Project Information

Project Name: Kinneytown Dam
Project Location: Seymour, CT
Project #:
Project Manager: Laura Wildman
ALPHA Quote #: 407501

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☐ Same as Client info PO #:

Client Information

Client: Save the Sound
Address: 900 Chapel St.
New Haven, CT 06510
Phone: 203.787.0646
Email: lwildman@savethesound.org

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods
☒ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☒ Other State /Fed Program _____ Criteria EcoRisk

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due:

Additional Project Information:

ANALYSIS: VOC: ☒ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH 8270E; METALS: ☐ MCP 13 ☐ MCP 14 ☒ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☒ PCB ☐ PEST 8082A; TPH: ☐ Quant Only ☐ Fingerprint; Total Solids; Grain Size; 8081; 8151A; TOC 9060A, % Water; RH

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	Total Solids	Grain Size	8081	8151A	TOC 9060A, % Water	RH	Sample Comments	Total # Bottles
67995-01	KTD-01A	12/3/22	1515	SED	JHW	X	X	X				X		X	X	X	X	X	X		7
02	KTD-01B	↓	1520	↓	↓	↓	↓	↓				↓		↓	↓	↓	↓	↓	↓		↓
03	KTD-01C	↓	1525	↓	↓	↓	↓	↓				↓		↓	↓	↓	↓	↓	↓		↓
04	KTD-02A	↓	1600	↓	↓	↓	↓	↓				↓		↓	↓	↓	↓	↓	↓		↓
05	KTD-02B	↓	1605	↓	↓	↓	↓	↓				↓		↓	↓	↓	↓	↓	↓		↓

Container Type																	
Preservative																	

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/5/22 1215	[signature]	12/5/22 1215
[signature]	12/5/22 1740	[signature]	12/5/22 1740

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Performance Evaluation Mixture Summary
Form 15
Pesticides

Client	: Save the Sound	**Lab Number**	: L2267995
Project Name	: KINNEYTOWN DAM	**Project Number**	:
Instrument ID	: ECD6	**Analysis Date**	: 11/11/22 16:13
PEM Standard	: R1632491-1		
Column 1	: RTX-5	**Column 2**	: RTX-CLPPesticides2

Parameter	Signal 1	Signal 2
4,4'-DDE	4411081.724	3366824.606
endrin	1119837753.4	788166869.08
4,4'-DDD	26143034.568	21887412.968
endrin aldehyde	17947785.86	14535114.542
4,4'-DDT	1964281527.616	1413218074.072
endrin ketone	38764666.672	26564197.208

Parameter	%Breakdown 1	%Breakdown 2
endrin	4.82	4.96
DDT	1.53	1.76

Performance Evaluation Mixture Summary
Form 15
Pesticides

Client	: Save the Sound	**Lab Number**	: L2267995
Project Name	: KINNEYTOWN DAM	**Project Number**	:
Instrument ID	: ECD6	**Analysis Date**	: 01/05/23 13:58
PEM Standard	: R1650647-1		
Column 1	: RTX-5	**Column 2**	: RTX-CLPPesticides2

Parameter	Signal 1	Signal 2
4,4'-DDE	8554239.548	6052758.12
endrin	2699004066.4018	1784726254.8923
4,4'-DDD	34416733.65069	34971656.57253
endrin aldehyde	1706245.868	816478.424
4,4'-DDT	4558073330.2858	3059416738.5789
endrin ketone	15032113.288	8296262.396

Parameter	%Breakdown 1	%Breakdown 2
endrin	0.616	0.508
DDT	0.934	1.32