ANALYTICAL REPORT

Lab Number:	L1223286
Client:	C.T. Male Associates 50 Century Hill Drive Latham, NY 12210
ATTN:	Kirk Moline
Phone:	(518) 786-7400
Project Name:	FORT ORANGE PAPER COMPANY
Project Number:	12.2604
Report Date:	01/02/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1223286-01	FD01	CASTLETON-ON-HUDSON, NY	12/20/12 10:30
L1223286-02	B-1 S-1 (0-2')	CASTLETON-ON-HUDSON, NY	12/20/12 11:50
L1223286-03	B-1 S-5 (8-10')	CASTLETON-ON-HUDSON, NY	12/20/12 12:00
L1223286-04	EB01	CASTLETON-ON-HUDSON, NY	12/20/12 12:20
L1223286-05	TRANSPORT BLANK	CASTLETON-ON-HUDSON, NY	12/20/12 00:00
L1223286-06	B-2 S-1 (0-2')	CASTLETON-ON-HUDSON, NY	12/20/12 14:55
L1223286-07	B-2 S-4 (6-8')	CASTLETON-ON-HUDSON, NY	12/20/12 15:10
L1223286-08	B-3 S-1 (0-2')	CASTLETON-ON-HUDSON, NY	12/21/12 12:40
L1223286-09	B-3 S-5 (8-10')	CASTLETON-ON-HUDSON, NY	12/21/12 14:00

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286
Project Number: 12.2604 **Report Date:** 01/02/13

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

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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.

Sample Receipt

L1223286-04 was received below the appropriate pH for the Cyanide analysis. The laboratory added additional NaOH to a pH >12.

Volatile Organics

L1223286-05: The Trip Blank has a result for Acetone present below the reporting limit in the low-level analysis. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1223286-05: TICs were identified in the the Trip Blank for the high-level analysis. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG581682-4/-5 MS/MSD recoveries, performed on L1223286-08, were outside the acceptance criteria for Acetone (146%/159%) and Vinyl acetate (53%/47%).

Semivolatile Organics

The WG581189-4/-5 MS/MSD recoveries, performed on L1223286-08, were above the acceptance criteria for 2,4-Dinitrotoluene (120%/98%), Fluoranthene (MS at 220%), Benzo(a)anthracene (MS at 170%), Benzo(a)pyrene (MS at 150%), Benzo(b)fluoranthene (MS at 150%), Benzo(k)fluoranthene (MS at 150%), Chrysene (MS at 170%), Phenanthrene (MS at 150%), Indeno(1,2,3-cd)pyrene (MS at 170%), Pyrene (MS at 210%), P-Chloro-M-Cresol (MS at 120%) and 4-Nitrophenol (MS at 120%).

The WG581189-4/-5 MS/MSD recoveries, performed on L1223286-08, are below the acceptance criteria for 2,4-Dinitrophenol (0%/0%) and 4,6-Dinitro-o-cresol (MSD at 0%) due to the concentration of these compounds falling below the reported detection limit.

The WG581189-4/-5 MS/MSD RPD, performed on L1223286-08, is above the acceptance criteria for 4-

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Case Narrative (continued)

Chloroaniline (83%).
The surrogate recoveries for WG581189-4/-5 MS/MSD are outside the individual acceptance criteria for 2,4,6-Tribromophenol (173%/144%), but within the overall method allowances. The results of the original analysis are reported.

Pesticides
The dual column RPD for L1223286-01 is above the acceptance criteria for 4,4'-DDT; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".
The dual column RPDs for L1223286-06 are above the acceptance criteria for 4,4'-DDT, cis-Chlordane, trans-Chlordane and Heptachlor epoxide; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".
The WG581187-5 MSD recovery, performed on L1223286-08, is outside the acceptance criteria for Alpha-BHC (157%); however, the associated LCS/LCSD recoveries are within criteria. No further action was required.

Metals
L1223286-01, -02, -03 and -06 through -09 have elevated detection limits for all analytes, except Mercury, due to the dilutions required by the sample matrices.
The WG581364-3/-4 MS recoveries for Aluminum (0%/0%), Calcium (0%/0%), Iron (0%/0%), Lead (160%/0%), Magnesium (0%/0%), Manganese (0%/0%) and Zinc (0%/0%), performed on L1223286-08, do not apply because the sample concentrations are greater than four times the spike amount added.
The WG581364-3/-4 MS/MSD recoveries, performed on L1223286-08, are below the acceptance criteria for Antimony (37%/38%) and Barium (MSD at 73%). A post digestion spike was performed with acceptable recoveries for Antimony (81%) and Barium (83%).
The WG581364-4 MSD recovery, performed on L1223286-08, is below the acceptance criteria for Copper (48%). A post digestion spike was performed with an unacceptable recovery of 67%. This has been attributed to sample matrix.
The WG581364-3/-4 MS/MSD RPD, performed on L1223286-08, is above the acceptance criteria for Lead

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Case Narrative (continued)

(36%).

The WG582150-3/-4 MS/MSD recoveries for Mercury (12%/154%), performed on L1223286-08, does not apply because the sample concentration is greater than four times the spike amount added.

Cyanide, Total

L1223286-02 has an elevated detection limit due to the dilution required by the sample matrix.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 01/02/13

ORGANICS

VOLATILES

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

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SAMPLE RESULTS

Lab ID:	L1223286-01	Date Collected:	12/20/12 10:30
Client ID:	FD01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 15:26		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.33	1
Chloroform	ND		ug/kg	1.7	0.36	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.28	1
Dibromochloromethane	ND		ug/kg	1.1	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.44	1
Tetrachloroethene	ND		ug/kg	1.1	0.34	1
Chlorobenzene	ND		ug/kg	1.1	0.21	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.30	1
Bromodichloromethane	ND		ug/kg	1.1	0.43	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
1,1-Dichloropropene	ND		ug/kg	5.6	0.51	1
Bromoform	ND		ug/kg	4.4	0.55	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.27	1
Benzene	ND		ug/kg	1.1	0.33	1
Toluene	ND		ug/kg	1.7	0.27	1
Ethylbenzene	ND		ug/kg	1.1	0.25	1
Chloromethane	ND		ug/kg	5.6	0.87	1
Bromomethane	ND		ug/kg	2.2	0.72	1
Vinyl chloride	ND		ug/kg	2.2	0.84	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.44	1
Trichloroethene	ND		ug/kg	1.1	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.40	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.44	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.47	1

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SAMPLE RESULTS

Lab ID: L1223286-01 Date Collected: 12/20/12 10:30

Client ID: FD01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.54	1
p/m-Xylene	ND		ug/kg	2.2	0.48	1
o-Xylene	ND		ug/kg	2.2	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.34	1
Dibromomethane	ND		ug/kg	11	0.48	1
Styrene	ND		ug/kg	2.2	0.81	1
Dichlorodifluoromethane	ND		ug/kg	11	0.43	1
Acetone	39		ug/kg	11	3.6	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	6.0	J	ug/kg	11	4.3	1
Vinyl acetate	ND		ug/kg	11	0.84	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.91	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.43	1
2-Hexanone	ND		ug/kg	11	0.44	1
Bromochloromethane	ND		ug/kg	5.6	0.34	1
2,2-Dichloropropane	ND		ug/kg	5.6	0.88	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.46	1
1,3-Dichloropropane	ND		ug/kg	5.6	0.63	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.6	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.35	1
sec-Butylbenzene	ND		ug/kg	1.1	0.31	1
tert-Butylbenzene	ND		ug/kg	5.6	0.67	1
o-Chlorotoluene	ND		ug/kg	5.6	0.35	1
p-Chlorotoluene	ND		ug/kg	5.6	0.40	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.93	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.51	1
Isopropylbenzene	ND		ug/kg	1.1	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.30	1
Naphthalene	ND		ug/kg	5.6	0.86	1
Acrylonitrile	ND		ug/kg	11	0.42	1
n-Propylbenzene	ND		ug/kg	1.1	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.88	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.67	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.64	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.22	1
4-Ethyltoluene	ND		ug/kg	4.4	0.11	1

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Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-01 Date Collected: 12/20/12 10:30

Client ID: FD01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.20	1
Ethyl ether	ND		ug/kg	5.6	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-02	Date Collected:	12/20/12 11:50
Client ID:	B-1 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 15:53		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.26	1
Chloroform	ND		ug/kg	1.3	0.29	1
Carbon tetrachloride	ND		ug/kg	0.89	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.1	0.23	1
Dibromochloromethane	ND		ug/kg	0.89	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.89	0.27	1
Chlorobenzene	ND		ug/kg	0.89	0.17	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.35	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.24	1
Bromodichloromethane	ND		ug/kg	0.89	0.34	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
1,1-Dichloropropene	ND		ug/kg	4.4	0.41	1
Bromoform	ND		ug/kg	3.6	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.21	1
Benzene	ND		ug/kg	0.89	0.26	1
Toluene	ND		ug/kg	1.3	0.22	1
Ethylbenzene	ND		ug/kg	0.89	0.20	1
Chloromethane	ND		ug/kg	4.4	0.70	1
Bromomethane	ND		ug/kg	1.8	0.58	1
Vinyl chloride	ND		ug/kg	1.8	0.67	1
Chloroethane	ND		ug/kg	1.8	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.35	1
Trichloroethene	ND		ug/kg	0.89	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.32	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.36	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.37	1

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SAMPLE RESULTS

Lab ID: L1223286-02 Date Collected: 12/20/12 11:50

Client ID: B-1 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.43	1
p/m-Xylene	ND		ug/kg	1.8	0.38	1
o-Xylene	ND		ug/kg	1.8	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.27	1
Dibromomethane	ND		ug/kg	8.9	0.39	1
Styrene	ND		ug/kg	1.8	0.65	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.35	1
Acetone	36		ug/kg	8.9	2.9	1
Carbon disulfide	ND		ug/kg	8.9	1.8	1
2-Butanone	5.0	J	ug/kg	8.9	3.4	1
Vinyl acetate	ND		ug/kg	8.9	0.67	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	0.73	1
1,2,3-Trichloropropane	ND		ug/kg	8.9	0.34	1
2-Hexanone	ND		ug/kg	8.9	0.35	1
Bromochloromethane	ND		ug/kg	4.4	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.4	0.71	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.36	1
1,3-Dichloropropane	ND		ug/kg	4.4	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.89	0.29	1
Bromobenzene	ND		ug/kg	4.4	0.20	1
n-Butylbenzene	ND		ug/kg	0.89	0.28	1
sec-Butylbenzene	ND		ug/kg	0.89	0.24	1
tert-Butylbenzene	ND		ug/kg	4.4	0.54	1
o-Chlorotoluene	ND		ug/kg	4.4	0.28	1
p-Chlorotoluene	ND		ug/kg	4.4	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	0.75	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.41	1
Isopropylbenzene	ND		ug/kg	0.89	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.24	1
Naphthalene	ND		ug/kg	4.4	0.69	1
Acrylonitrile	ND		ug/kg	8.9	0.33	1
n-Propylbenzene	ND		ug/kg	0.89	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.70	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.4	0.54	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.4	0.51	1
1,4-Dioxane	ND		ug/kg	89	16.	1
1,4-Diethylbenzene	ND		ug/kg	3.6	0.18	1
4-Ethyltoluene	ND		ug/kg	3.6	0.09	1

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Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-02 Date Collected: 12/20/12 11:50

Client ID: B-1 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.16	1
Ethyl ether	ND		ug/kg	4.4	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.3	1
Tentatively Identified Compounds						
Pentane	2.0	NJ	ug/kg			1
Unknown Alcohol	5.5	J	ug/kg			1
Dimethyl sulfide	8.0	NJ	ug/kg			1
2-Pentanone	3.6	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

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SAMPLE RESULTS

Lab ID:	L1223286-03	Date Collected:	12/20/12 12:00
Client ID:	B-1 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 16:20		
Analyst:	BN		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.32	1
Chloroform	ND		ug/kg	1.6	0.35	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.27	1
Dibromochloromethane	ND		ug/kg	1.1	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	1.1	0.33	1
Chlorobenzene	ND		ug/kg	1.1	0.20	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.29	1
Bromodichloromethane	ND		ug/kg	1.1	0.41	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.49	1
Bromoform	ND		ug/kg	4.3	0.53	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.26	1
Benzene	ND		ug/kg	1.1	0.32	1
Toluene	ND		ug/kg	1.6	0.26	1
Ethylbenzene	ND		ug/kg	1.1	0.24	1
Chloromethane	ND		ug/kg	5.4	0.84	1
Bromomethane	ND		ug/kg	2.1	0.69	1
Vinyl chloride	ND		ug/kg	2.1	0.81	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.42	1
Trichloroethene	ND		ug/kg	1.1	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.39	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.43	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.45	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-03 Date Collected: 12/20/12 12:00

Client ID: B-1 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.52	1
p/m-Xylene	ND		ug/kg	2.1	0.46	1
o-Xylene	ND		ug/kg	2.1	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.32	1
Dibromomethane	ND		ug/kg	11	0.47	1
Styrene	ND		ug/kg	2.1	0.78	1
Dichlorodifluoromethane	ND		ug/kg	11	0.42	1
Acetone	72		ug/kg	11	3.5	1
Carbon disulfide	2.6	J	ug/kg	11	2.1	1
2-Butanone	16		ug/kg	11	4.2	1
Vinyl acetate	ND		ug/kg	11	0.80	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.88	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.42	1
2-Hexanone	ND		ug/kg	11	0.42	1
Bromochloromethane	ND		ug/kg	5.4	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.85	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.44	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.61	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.4	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.34	1
sec-Butylbenzene	ND		ug/kg	1.1	0.30	1
tert-Butylbenzene	ND		ug/kg	5.4	0.65	1
o-Chlorotoluene	ND		ug/kg	5.4	0.34	1
p-Chlorotoluene	ND		ug/kg	5.4	0.39	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.49	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.29	1
Naphthalene	ND		ug/kg	5.4	0.82	1
Acrylonitrile	ND		ug/kg	11	0.40	1
n-Propylbenzene	ND		ug/kg	1.1	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.85	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.64	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.61	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.3	0.21	1
4-Ethyltoluene	ND		ug/kg	4.3	0.10	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-03 Date Collected: 12/20/12 12:00

Client ID: B-1 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.19	1
Ethyl ether	ND		ug/kg	5.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-05	Date Collected:	12/20/12 00:00
Client ID:	TRANSPORT BLANK	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 13:12		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	500	100	1
1,1-Dichloroethane	ND		ug/kg	75	15.	1
Chloroform	ND		ug/kg	75	16.	1
Carbon tetrachloride	ND		ug/kg	50	10.	1
1,2-Dichloropropane	ND		ug/kg	180	13.	1
Dibromochloromethane	ND		ug/kg	50	15.	1
1,1,2-Trichloroethane	ND		ug/kg	75	20.	1
Tetrachloroethene	ND		ug/kg	50	15.	1
Chlorobenzene	ND		ug/kg	50	9.3	1
Trichlorofluoromethane	ND		ug/kg	250	20.	1
1,2-Dichloroethane	ND		ug/kg	50	11.	1
1,1,1-Trichloroethane	ND		ug/kg	50	13.	1
Bromodichloromethane	ND		ug/kg	50	19.	1
trans-1,3-Dichloropropene	ND		ug/kg	50	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	50	13.	1
1,1-Dichloropropene	ND		ug/kg	250	23.	1
Bromoform	ND		ug/kg	200	25.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	12.	1
Benzene	ND		ug/kg	50	15.	1
Toluene	ND		ug/kg	75	12.	1
Ethylbenzene	ND		ug/kg	50	11.	1
Chloromethane	ND		ug/kg	250	39.	1
Bromomethane	ND		ug/kg	100	32.	1
Vinyl chloride	ND		ug/kg	100	38.	1
Chloroethane	ND		ug/kg	100	22.	1
1,1-Dichloroethene	ND		ug/kg	50	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	20.	1
Trichloroethene	ND		ug/kg	50	11.	1
1,2-Dichlorobenzene	ND		ug/kg	250	18.	1
1,3-Dichlorobenzene	ND		ug/kg	250	20.	1
1,4-Dichlorobenzene	ND		ug/kg	250	21.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-05 Date Collected: 12/20/12 00:00

Client ID: TRANSPORT BLANK Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	100	24.	1
p/m-Xylene	ND		ug/kg	100	22.	1
o-Xylene	ND		ug/kg	100	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	15.	1
Dibromomethane	ND		ug/kg	500	22.	1
Styrene	ND		ug/kg	100	36.	1
Dichlorodifluoromethane	ND		ug/kg	500	19.	1
Acetone	ND		ug/kg	500	160	1
Carbon disulfide	ND		ug/kg	500	100	1
2-Butanone	ND		ug/kg	500	190	1
Vinyl acetate	ND		ug/kg	500	38.	1
4-Methyl-2-pentanone	ND		ug/kg	500	41.	1
1,2,3-Trichloropropane	ND		ug/kg	500	19.	1
2-Hexanone	ND		ug/kg	500	20.	1
Bromochloromethane	ND		ug/kg	250	15.	1
2,2-Dichloropropane	ND		ug/kg	250	40.	1
1,2-Dibromoethane	ND		ug/kg	200	20.	1
1,3-Dichloropropane	ND		ug/kg	250	28.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.	1
Bromobenzene	ND		ug/kg	250	11.	1
n-Butylbenzene	ND		ug/kg	50	16.	1
sec-Butylbenzene	ND		ug/kg	50	14.	1
tert-Butylbenzene	ND		ug/kg	250	30.	1
o-Chlorotoluene	ND		ug/kg	250	16.	1
p-Chlorotoluene	ND		ug/kg	250	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	42.	1
Hexachlorobutadiene	ND		ug/kg	250	23.	1
Isopropylbenzene	ND		ug/kg	50	8.8	1
p-Isopropyltoluene	ND		ug/kg	50	14.	1
Naphthalene	ND		ug/kg	250	38.	1
Acrylonitrile	ND		ug/kg	500	19.	1
n-Propylbenzene	ND		ug/kg	50	14.	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	39.	1
1,3,5-Trimethylbenzene	ND		ug/kg	250	30.	1
1,2,4-Trimethylbenzene	ND		ug/kg	250	29.	1
1,4-Dioxane	ND		ug/kg	5000	870	1
1,4-Diethylbenzene	ND		ug/kg	200	10.	1
4-Ethyltoluene	ND		ug/kg	200	4.8	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-05 Date Collected: 12/20/12 00:00

Client ID: TRANSPORT BLANK Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	9.0	1
Ethyl ether	ND		ug/kg	250	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	74.	1
Tentatively Identified Compounds						
Unknown	140	J	ug/kg			1
Unknown	280	J	ug/kg			1
Unknown	200	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-05	Date Collected:	12/20/12 00:00
Client ID:	TRANSPORT BLANK	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 16:47		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.30	1
Chloroform	ND		ug/kg	1.5	0.32	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.26	1
Dibromochloromethane	ND		ug/kg	1.0	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	1.0	0.31	1
Chlorobenzene	ND		ug/kg	1.0	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.27	1
Bromodichloromethane	ND		ug/kg	1.0	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.46	1
Bromoform	ND		ug/kg	4.0	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.24	1
Benzene	ND		ug/kg	1.0	0.30	1
Toluene	ND		ug/kg	1.5	0.24	1
Ethylbenzene	ND		ug/kg	1.0	0.22	1
Chloromethane	ND		ug/kg	5.0	0.78	1
Bromomethane	ND		ug/kg	2.0	0.65	1
Vinyl chloride	ND		ug/kg	2.0	0.75	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.39	1
Trichloroethene	ND		ug/kg	1.0	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.36	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.40	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.42	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-05 Date Collected: 12/20/12 00:00

Client ID: TRANSPORT BLANK Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.49	1
p/m-Xylene	ND		ug/kg	2.0	0.43	1
o-Xylene	ND		ug/kg	2.0	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.30	1
Dibromomethane	ND		ug/kg	10	0.43	1
Styrene	ND		ug/kg	2.0	0.73	1
Dichlorodifluoromethane	ND		ug/kg	10	0.39	1
Acetone	4.7	J	ug/kg	10	3.2	1
Carbon disulfide	ND		ug/kg	10	2.0	1
2-Butanone	ND		ug/kg	10	3.9	1
Vinyl acetate	ND		ug/kg	10	0.75	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.82	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.39	1
2-Hexanone	ND		ug/kg	10	0.40	1
Bromochloromethane	ND		ug/kg	5.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.80	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.41	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.56	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
Bromobenzene	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.31	1
sec-Butylbenzene	ND		ug/kg	1.0	0.28	1
tert-Butylbenzene	ND		ug/kg	5.0	0.60	1
o-Chlorotoluene	ND		ug/kg	5.0	0.31	1
p-Chlorotoluene	ND		ug/kg	5.0	0.36	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.84	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.46	1
Isopropylbenzene	ND		ug/kg	1.0	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.27	1
Naphthalene	ND		ug/kg	5.0	0.77	1
Acrylonitrile	ND		ug/kg	10	0.38	1
n-Propylbenzene	ND		ug/kg	1.0	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.60	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57	1
1,4-Dioxane	ND		ug/kg	100	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.20	1
4-Ethyltoluene	ND		ug/kg	4.0	0.10	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-05 Date Collected: 12/20/12 00:00

Client ID: TRANSPORT BLANK Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.18	1
Ethyl ether	ND		ug/kg	5.0	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-06	Date Collected:	12/20/12 14:55
Client ID:	B-2 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 17:14		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.35	1
Chloroform	ND		ug/kg	1.8	0.38	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.30	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.46	1
Tetrachloroethene	ND		ug/kg	1.2	0.36	1
Chlorobenzene	ND		ug/kg	1.2	0.22	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.32	1
Bromodichloromethane	ND		ug/kg	1.2	0.45	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
1,1-Dichloropropene	ND		ug/kg	5.9	0.54	1
Bromoform	ND		ug/kg	4.7	0.58	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.28	1
Benzene	ND		ug/kg	1.2	0.35	1
Toluene	ND		ug/kg	1.8	0.28	1
Ethylbenzene	ND		ug/kg	1.2	0.26	1
Chloromethane	ND		ug/kg	5.9	0.92	1
Bromomethane	ND		ug/kg	2.4	0.76	1
Vinyl chloride	ND		ug/kg	2.4	0.89	1
Chloroethane	ND		ug/kg	2.4	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.46	1
Trichloroethene	ND		ug/kg	1.2	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.43	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.47	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.50	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-06 Date Collected: 12/20/12 14:55

Client ID: B-2 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.58	1
p/m-Xylene	ND		ug/kg	2.4	0.51	1
o-Xylene	ND		ug/kg	2.4	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.36	1
Dibromomethane	ND		ug/kg	12	0.51	1
Styrene	ND		ug/kg	2.4	0.86	1
Dichlorodifluoromethane	ND		ug/kg	12	0.46	1
Acetone	ND		ug/kg	12	3.8	1
Carbon disulfide	ND		ug/kg	12	2.4	1
2-Butanone	ND		ug/kg	12	4.6	1
Vinyl acetate	ND		ug/kg	12	0.89	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.96	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.46	1
2-Hexanone	ND		ug/kg	12	0.47	1
Bromochloromethane	ND		ug/kg	5.9	0.36	1
2,2-Dichloropropane	ND		ug/kg	5.9	0.94	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	5.9	0.67	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	5.9	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.37	1
sec-Butylbenzene	ND		ug/kg	1.2	0.32	1
tert-Butylbenzene	ND		ug/kg	5.9	0.71	1
o-Chlorotoluene	ND		ug/kg	5.9	0.37	1
p-Chlorotoluene	ND		ug/kg	5.9	0.43	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.99	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.54	1
Isopropylbenzene	ND		ug/kg	1.2	0.21	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.32	1
Naphthalene	ND		ug/kg	5.9	0.91	1
Acrylonitrile	ND		ug/kg	12	0.44	1
n-Propylbenzene	ND		ug/kg	1.2	0.34	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.93	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.71	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.68	1
1,4-Dioxane	ND		ug/kg	120	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.7	0.24	1
4-Ethyltoluene	ND		ug/kg	4.7	0.11	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-06 Date Collected: 12/20/12 14:55

Client ID: B-2 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.21	1
Ethyl ether	ND		ug/kg	5.9	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-07	Date Collected:	12/20/12 15:10
Client ID:	B-2 S-4 (6-8')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 17:41		
Analyst:	BN		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	1.8	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.27	1
Chloroform	ND		ug/kg	1.4	0.30	1
Carbon tetrachloride	ND		ug/kg	0.91	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.23	1
Dibromochloromethane	ND		ug/kg	0.91	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.91	0.28	1
Chlorobenzene	ND		ug/kg	0.91	0.17	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.36	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.25	1
Bromodichloromethane	ND		ug/kg	0.91	0.35	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.24	1
1,1-Dichloropropene	ND		ug/kg	4.6	0.42	1
Bromoform	ND		ug/kg	3.6	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.22	1
Benzene	ND		ug/kg	0.91	0.27	1
Toluene	ND		ug/kg	1.4	0.22	1
Ethylbenzene	ND		ug/kg	0.91	0.20	1
Chloromethane	ND		ug/kg	4.6	0.71	1
Bromomethane	ND		ug/kg	1.8	0.59	1
Vinyl chloride	ND		ug/kg	1.8	0.69	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.36	1
Trichloroethene	ND		ug/kg	0.91	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.36	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.38	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-07 Date Collected: 12/20/12 15:10

Client ID: B-2 S-4 (6-8') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.44	1
p/m-Xylene	ND		ug/kg	1.8	0.39	1
o-Xylene	ND		ug/kg	1.8	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.28	1
Dibromomethane	ND		ug/kg	9.1	0.40	1
Styrene	ND		ug/kg	1.8	0.66	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.35	1
Acetone	3.4	J	ug/kg	9.1	3.0	1
Carbon disulfide	ND		ug/kg	9.1	1.8	1
2-Butanone	ND		ug/kg	9.1	3.5	1
Vinyl acetate	ND		ug/kg	9.1	0.68	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	0.74	1
1,2,3-Trichloropropane	ND		ug/kg	9.1	0.35	1
2-Hexanone	ND		ug/kg	9.1	0.36	1
Bromochloromethane	ND		ug/kg	4.6	0.28	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.72	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.37	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.52	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Bromobenzene	ND		ug/kg	4.6	0.20	1
n-Butylbenzene	ND		ug/kg	0.91	0.29	1
sec-Butylbenzene	ND		ug/kg	0.91	0.25	1
tert-Butylbenzene	ND		ug/kg	4.6	0.55	1
o-Chlorotoluene	ND		ug/kg	4.6	0.28	1
p-Chlorotoluene	ND		ug/kg	4.6	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.76	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.42	1
Isopropylbenzene	ND		ug/kg	0.91	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.25	1
Naphthalene	ND		ug/kg	4.6	0.70	1
Acrylonitrile	ND		ug/kg	9.1	0.34	1
n-Propylbenzene	ND		ug/kg	0.91	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.72	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.55	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.52	1
1,4-Dioxane	ND		ug/kg	91	16.	1
1,4-Diethylbenzene	ND		ug/kg	3.6	0.18	1
4-Ethyltoluene	ND		ug/kg	3.6	0.09	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-07 Date Collected: 12/20/12 15:10

Client ID: B-2 S-4 (6-8') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.16	1
Ethyl ether	ND		ug/kg	4.6	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-08	Date Collected:	12/21/12 12:40
Client ID:	B-3 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 13:38		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	520	100	1
1,1-Dichloroethane	ND		ug/kg	78	15.	1
Chloroform	ND		ug/kg	78	17.	1
Carbon tetrachloride	ND		ug/kg	52	11.	1
1,2-Dichloropropane	ND		ug/kg	180	13.	1
Dibromochloromethane	ND		ug/kg	52	16.	1
1,1,2-Trichloroethane	ND		ug/kg	78	20.	1
Tetrachloroethene	2300		ug/kg	52	16.	1
Chlorobenzene	ND		ug/kg	52	9.7	1
Trichlorofluoromethane	ND		ug/kg	260	20.	1
1,2-Dichloroethane	ND		ug/kg	52	12.	1
1,1,1-Trichloroethane	ND		ug/kg	52	14.	1
Bromodichloromethane	ND		ug/kg	52	20.	1
trans-1,3-Dichloropropene	ND		ug/kg	52	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	52	14.	1
1,1-Dichloropropene	ND		ug/kg	260	24.	1
Bromoform	ND		ug/kg	210	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	12.	1
Benzene	ND		ug/kg	52	16.	1
Toluene	ND		ug/kg	78	13.	1
Ethylbenzene	ND		ug/kg	52	12.	1
Chloromethane	ND		ug/kg	260	41.	1
Bromomethane	ND		ug/kg	100	34.	1
Vinyl chloride	ND		ug/kg	100	39.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	52	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	78	20.	1
Trichloroethene	ND		ug/kg	52	12.	1
1,2-Dichlorobenzene	ND		ug/kg	260	19.	1
1,3-Dichlorobenzene	ND		ug/kg	260	21.	1
1,4-Dichlorobenzene	ND		ug/kg	260	22.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-08 Date Collected: 12/21/12 12:40

Client ID: B-3 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	100	25.	1
p/m-Xylene	ND		ug/kg	100	22.	1
o-Xylene	ND		ug/kg	100	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	16.	1
Dibromomethane	ND		ug/kg	520	23.	1
Styrene	ND		ug/kg	100	38.	1
Dichlorodifluoromethane	ND		ug/kg	520	20.	1
Acetone	ND		ug/kg	520	170	1
Carbon disulfide	ND		ug/kg	520	100	1
2-Butanone	ND		ug/kg	520	200	1
Vinyl acetate	ND		ug/kg	520	39.	1
4-Methyl-2-pentanone	ND		ug/kg	520	43.	1
1,2,3-Trichloropropane	ND		ug/kg	520	20.	1
2-Hexanone	ND		ug/kg	520	21.	1
Bromochloromethane	ND		ug/kg	260	16.	1
2,2-Dichloropropane	ND		ug/kg	260	42.	1
1,2-Dibromoethane	ND		ug/kg	210	21.	1
1,3-Dichloropropane	ND		ug/kg	260	30.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	52	17.	1
Bromobenzene	ND		ug/kg	260	12.	1
n-Butylbenzene	ND		ug/kg	52	16.	1
sec-Butylbenzene	ND		ug/kg	52	14.	1
tert-Butylbenzene	ND		ug/kg	260	32.	1
o-Chlorotoluene	ND		ug/kg	260	16.	1
p-Chlorotoluene	ND		ug/kg	260	19.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	44.	1
Hexachlorobutadiene	ND		ug/kg	260	24.	1
Isopropylbenzene	ND		ug/kg	52	9.2	1
p-Isopropyltoluene	ND		ug/kg	52	14.	1
Naphthalene	85	J	ug/kg	260	40.	1
Acrylonitrile	ND		ug/kg	520	20.	1
n-Propylbenzene	ND		ug/kg	52	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	41.	1
1,3,5-Trimethylbenzene	ND		ug/kg	260	31.	1
1,2,4-Trimethylbenzene	ND		ug/kg	260	30.	1
1,4-Dioxane	ND		ug/kg	5200	910	1
1,4-Diethylbenzene	ND		ug/kg	210	10.	1
4-Ethyltoluene	ND		ug/kg	210	5.1	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-08 Date Collected: 12/21/12 12:40

Client ID: B-3 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	210	9.5	1
Ethyl ether	ND		ug/kg	260	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	260	77.	1
Tentatively Identified Compounds						
Unknown	120	J	ug/kg			1
Unknown	200	J	ug/kg			1
Unknown	100	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-09	Date Collected:	12/21/12 14:00
Client ID:	B-3 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	12/27/12 14:59		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	640	130	1
1,1-Dichloroethane	ND		ug/kg	96	19.	1
Chloroform	ND		ug/kg	96	21.	1
Carbon tetrachloride	ND		ug/kg	64	14.	1
1,2-Dichloropropane	ND		ug/kg	220	16.	1
Dibromochloromethane	ND		ug/kg	64	20.	1
1,1,2-Trichloroethane	ND		ug/kg	96	25.	1
Tetrachloroethene	1200		ug/kg	64	20.	1
Chlorobenzene	ND		ug/kg	64	12.	1
Trichlorofluoromethane	ND		ug/kg	320	25.	1
1,2-Dichloroethane	ND		ug/kg	64	14.	1
1,1,1-Trichloroethane	ND		ug/kg	64	17.	1
Bromodichloromethane	ND		ug/kg	64	25.	1
trans-1,3-Dichloropropene	ND		ug/kg	64	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	64	17.	1
1,1-Dichloropropene	ND		ug/kg	320	29.	1
Bromoform	ND		ug/kg	260	32.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	64	15.	1
Benzene	ND		ug/kg	64	19.	1
Toluene	ND		ug/kg	96	15.	1
Ethylbenzene	ND		ug/kg	64	14.	1
Chloromethane	ND		ug/kg	320	50.	1
Bromomethane	ND		ug/kg	130	41.	1
Vinyl chloride	ND		ug/kg	130	48.	1
Chloroethane	ND		ug/kg	130	28.	1
1,1-Dichloroethene	ND		ug/kg	64	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	96	25.	1
Trichloroethene	88		ug/kg	64	14.	1
1,2-Dichlorobenzene	ND		ug/kg	320	23.	1
1,3-Dichlorobenzene	ND		ug/kg	320	26.	1
1,4-Dichlorobenzene	ND		ug/kg	320	27.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-09 Date Collected: 12/21/12 14:00

Client ID: B-3 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	130	31.	1
p/m-Xylene	ND		ug/kg	130	28.	1
o-Xylene	ND		ug/kg	130	27.	1
cis-1,2-Dichloroethene	61	J	ug/kg	64	19.	1
Dibromomethane	ND		ug/kg	640	28.	1
Styrene	ND		ug/kg	130	46.	1
Dichlorodifluoromethane	ND		ug/kg	640	25.	1
Acetone	ND		ug/kg	640	210	1
Carbon disulfide	ND		ug/kg	640	130	1
2-Butanone	ND		ug/kg	640	250	1
Vinyl acetate	ND		ug/kg	640	48.	1
4-Methyl-2-pentanone	ND		ug/kg	640	52.	1
1,2,3-Trichloropropane	ND		ug/kg	640	25.	1
2-Hexanone	ND		ug/kg	640	25.	1
Bromochloromethane	ND		ug/kg	320	19.	1
2,2-Dichloropropane	ND		ug/kg	320	51.	1
1,2-Dibromoethane	ND		ug/kg	260	26.	1
1,3-Dichloropropane	ND		ug/kg	320	36.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	64	21.	1
Bromobenzene	ND		ug/kg	320	14.	1
n-Butylbenzene	ND		ug/kg	64	20.	1
sec-Butylbenzene	ND		ug/kg	64	18.	1
tert-Butylbenzene	ND		ug/kg	320	39.	1
o-Chlorotoluene	ND		ug/kg	320	20.	1
p-Chlorotoluene	ND		ug/kg	320	23.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	54.	1
Hexachlorobutadiene	ND		ug/kg	320	29.	1
Isopropylbenzene	ND		ug/kg	64	11.	1
p-Isopropyltoluene	ND		ug/kg	64	17.	1
Naphthalene	ND		ug/kg	320	49.	1
Acrylonitrile	ND		ug/kg	640	24.	1
n-Propylbenzene	ND		ug/kg	64	18.	1
1,2,3-Trichlorobenzene	ND		ug/kg	320	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	320	50.	1
1,3,5-Trimethylbenzene	ND		ug/kg	320	38.	1
1,2,4-Trimethylbenzene	ND		ug/kg	320	37.	1
1,4-Dioxane	ND		ug/kg	6400	1100	1
1,4-Diethylbenzene	ND		ug/kg	260	13.	1
4-Ethyltoluene	ND		ug/kg	260	6.2	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-09 Date Collected: 12/21/12 14:00

Client ID: B-3 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	260	12.	1
Ethyl ether	ND		ug/kg	320	24.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	95.	1
Tentatively Identified Compounds						
Unknown	190	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-07 Batch: WG581678-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.30
Chloroform	ND		ug/kg	1.5	0.32
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.26
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39
Tetrachloroethene	ND		ug/kg	1.0	0.31
Chlorobenzene	ND		ug/kg	1.0	0.19
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.23
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.27
Bromodichloromethane	ND		ug/kg	1.0	0.38
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.30
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.50
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.24
Benzene	ND		ug/kg	1.0	0.30
Toluene	ND		ug/kg	1.5	0.24
Ethylbenzene	ND		ug/kg	1.0	0.22
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.65
Vinyl chloride	ND		ug/kg	2.0	0.75
Chloroethane	ND		ug/kg	2.0	0.44
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.39
Trichloroethene	ND		ug/kg	1.0	0.22
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.36

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-07 Batch: WG581678-3					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.40
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.42
Methyl tert butyl ether	ND		ug/kg	2.0	0.49
p/m-Xylene	ND		ug/kg	2.0	0.43
o-Xylene	ND		ug/kg	2.0	0.42
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.30
Dibromomethane	ND		ug/kg	10	0.43
Styrene	ND		ug/kg	2.0	0.73
Dichlorodifluoromethane	ND		ug/kg	10	0.39
Acetone	ND		ug/kg	10	3.2
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	3.9
Vinyl acetate	ND		ug/kg	10	0.75
4-Methyl-2-pentanone	ND		ug/kg	10	0.82
1,2,3-Trichloropropane	ND		ug/kg	10	0.39
2-Hexanone	ND		ug/kg	10	0.40
Bromochloromethane	ND		ug/kg	5.0	0.30
2,2-Dichloropropane	ND		ug/kg	5.0	0.80
1,2-Dibromoethane	ND		ug/kg	4.0	0.41
1,3-Dichloropropane	ND		ug/kg	5.0	0.56
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.31
sec-Butylbenzene	ND		ug/kg	1.0	0.28
tert-Butylbenzene	ND		ug/kg	5.0	0.60
o-Chlorotoluene	ND		ug/kg	5.0	0.31
p-Chlorotoluene	ND		ug/kg	5.0	0.36
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.84
Hexachlorobutadiene	ND		ug/kg	5.0	0.46
Isopropylbenzene	ND		ug/kg	1.0	0.18

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-07 Batch: WG581678-3					
p-Isopropyltoluene	ND		ug/kg	1.0	0.27
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.38
Isopropyl Ether	ND		ug/kg	4.0	0.42
tert-Butyl Alcohol	ND		ug/kg	60	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.28
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.40
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.60
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.47
Ethyl Acetate	ND		ug/kg	20	20.
Acrolein	ND		ug/kg	25	3.0
Cyclohexane	ND		ug/kg	20	0.12
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.40
1,4-Diethylbenzene	ND		ug/kg	4.0	0.20
4-Ethyltoluene	ND		ug/kg	4.0	0.10
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.18
Tetrahydrofuran	ND		ug/kg	20	1.1
Ethyl ether	ND		ug/kg	5.0	0.38
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.5
Methyl cyclohexane	ND		ug/kg	4.0	0.70
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.88
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	1.0

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03,05-07 Batch: WG581678-3					
Tentatively Identified Compounds					
Unknown	3.4	J	ug/kg		
Unknown	2.7	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,08-09 Batch: WG581682-3					
Methylene chloride	ND		ug/kg	500	100
1,1-Dichloroethane	ND		ug/kg	75	15.
Chloroform	ND		ug/kg	75	16.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	13.
Dibromochloromethane	ND		ug/kg	50	15.
2-Chloroethylvinyl ether	ND		ug/kg	1000	16.
1,1,2-Trichloroethane	ND		ug/kg	75	20.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	9.3
Trichlorofluoromethane	ND		ug/kg	250	20.
1,2-Dichloroethane	ND		ug/kg	50	11.
1,1,1-Trichloroethane	ND		ug/kg	50	13.
Bromodichloromethane	ND		ug/kg	50	19.
trans-1,3-Dichloropropene	ND		ug/kg	50	15.
cis-1,3-Dichloropropene	ND		ug/kg	50	13.
1,1-Dichloropropene	ND		ug/kg	250	23.
Bromoform	ND		ug/kg	200	25.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	12.
Benzene	ND		ug/kg	50	15.
Toluene	ND		ug/kg	75	12.
Ethylbenzene	ND		ug/kg	50	11.
Chloromethane	ND		ug/kg	250	39.
Bromomethane	ND		ug/kg	100	32.
Vinyl chloride	ND		ug/kg	100	38.
Chloroethane	ND		ug/kg	100	22.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	20.
Trichloroethene	ND		ug/kg	50	11.
1,2-Dichlorobenzene	ND		ug/kg	250	18.
1,3-Dichlorobenzene	ND		ug/kg	250	20.

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,08-09 Batch: WG581682-3					
1,4-Dichlorobenzene	ND		ug/kg	250	21.
Methyl tert butyl ether	ND		ug/kg	100	24.
p/m-Xylene	ND		ug/kg	100	22.
o-Xylene	ND		ug/kg	100	21.
cis-1,2-Dichloroethene	ND		ug/kg	50	15.
Dibromomethane	ND		ug/kg	500	22.
Styrene	ND		ug/kg	100	36.
Dichlorodifluoromethane	ND		ug/kg	500	19.
Acetone	ND		ug/kg	500	160
Carbon disulfide	ND		ug/kg	500	100
2-Butanone	ND		ug/kg	500	190
Vinyl acetate	ND		ug/kg	500	38.
4-Methyl-2-pentanone	ND		ug/kg	500	41.
1,2,3-Trichloropropane	ND		ug/kg	500	19.
2-Hexanone	ND		ug/kg	500	20.
Bromochloromethane	ND		ug/kg	250	15.
2,2-Dichloropropane	ND		ug/kg	250	40.
1,2-Dibromoethane	ND		ug/kg	200	20.
1,3-Dichloropropane	ND		ug/kg	250	28.
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	16.
sec-Butylbenzene	ND		ug/kg	50	14.
tert-Butylbenzene	ND		ug/kg	250	30.
o-Chlorotoluene	ND		ug/kg	250	16.
p-Chlorotoluene	ND		ug/kg	250	18.
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	42.
Hexachlorobutadiene	ND		ug/kg	250	23.
Isopropylbenzene	ND		ug/kg	50	8.8
p-Isopropyltoluene	ND		ug/kg	50	14.
Naphthalene	ND		ug/kg	250	38.

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,08-09 Batch: WG581682-3					
Acrylonitrile	ND		ug/kg	500	19.
Isopropyl Ether	ND		ug/kg	200	21.
tert-Butyl Alcohol	ND		ug/kg	3000	62.
n-Propylbenzene	ND		ug/kg	50	14.
1,2,3-Trichlorobenzene	ND		ug/kg	250	20.
1,2,4-Trichlorobenzene	ND		ug/kg	250	39.
1,3,5-Trimethylbenzene	ND		ug/kg	250	30.
1,2,4-Trimethylbenzene	ND		ug/kg	250	29.
Methyl Acetate	ND		ug/kg	1000	23.
Ethyl Acetate	ND		ug/kg	1000	1000
Acrolein	ND		ug/kg	1200	150
Cyclohexane	ND		ug/kg	1000	6.2
1,4-Dioxane	ND		ug/kg	5000	870
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	20.
1,4-Diethylbenzene	ND		ug/kg	200	10.
4-Ethyltoluene	ND		ug/kg	200	4.8
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	9.0
Tetrahydrofuran	ND		ug/kg	1000	56.
Ethyl ether	ND		ug/kg	250	19.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	74.
Methyl cyclohexane	ND		ug/kg	200	35.
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	44.
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	50.

Tentatively Identified Compounds			
Unknown	170	J	ug/kg
Unknown	140	J	ug/kg

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/27/12 08:15
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,08-09 Batch: WG581682-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG581678-1 WG581678-2								
Methylene chloride	87		89		70-130	2		30
1,1-Dichloroethane	94		96		70-130	2		30
Chloroform	100		102		70-130	2		30
Carbon tetrachloride	117		120		70-130	3		30
1,2-Dichloropropane	85		85		70-130	0		30
Dibromochloromethane	107		104		70-130	3		30
2-Chloroethylvinyl ether	85		85			0		30
1,1,2-Trichloroethane	94		95		70-130	1		30
Tetrachloroethene	107		111		70-130	4		30
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	123		131		70-139	6		30
1,2-Dichloroethane	104		103		70-130	1		30
1,1,1-Trichloroethane	113		115		70-130	2		30
Bromodichloromethane	100		98		70-130	2		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	96		99		70-130	3		30
Bromoform	115		116		70-130	1		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	88		90		70-130	2		30
Toluene	93		96		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG581678-1 WG581678-2								
Ethylbenzene	96		97		70-130	1		30
Chloromethane	82		85		52-130	4		30
Bromomethane	113		126		57-147	11		30
Vinyl chloride	85		90		67-130	6		30
Chloroethane	89		93		50-151	4		30
1,1-Dichloroethene	101		103		65-135	2		30
trans-1,2-Dichloroethene	100		101		70-130	1		30
Trichloroethene	97		97		70-130	0		30
1,2-Dichlorobenzene	107		106		70-130	1		30
1,3-Dichlorobenzene	106		107		70-130	1		30
1,4-Dichlorobenzene	105		106		70-130	1		30
Methyl tert butyl ether	96		96		66-130	0		30
p/m-Xylene	95		96		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	95		96		70-130	1		30
Dibromomethane	97		97		70-130	0		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	113		119		30-146	5		30
Acetone	120		139		54-140	15		30
Carbon disulfide	102		104		59-130	2		30
2-Butanone	88		96		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG581678-1 WG581678-2								
Vinyl acetate	74		75		70-130	1		30
4-Methyl-2-pentanone	84		83		70-130	1		30
1,2,3-Trichloropropane	100		101		68-130	1		30
2-Hexanone	82		89		70-130	8		30
Bromochloromethane	102		101		70-130	1		30
2,2-Dichloropropane	110		111		70-130	1		30
1,2-Dibromoethane	97		97		70-130	0		30
1,3-Dichloropropane	91		92		69-130	1		30
1,1,1,2-Tetrachloroethane	107		107		70-130	0		30
Bromobenzene	106		107		70-130	1		30
n-Butylbenzene	104		106		70-130	2		30
sec-Butylbenzene	103		105		70-130	2		30
tert-Butylbenzene	105		109		70-130	4		30
o-Chlorotoluene	104		106		70-130	2		30
p-Chlorotoluene	102		105		70-130	3		30
1,2-Dibromo-3-chloropropane	101		99		68-130	2		30
Hexachlorobutadiene	122		127		67-130	4		30
Isopropylbenzene	102		106		70-130	4		30
p-Isopropyltoluene	108		110		70-130	2		30
Naphthalene	100		103		70-130	3		30
Acrylonitrile	86		87		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG581678-1 WG581678-2								
Isopropyl Ether	83		85		66-130	2		30
tert-Butyl Alcohol	94		94		70-130	0		30
n-Propylbenzene	100		103		70-130	3		30
1,2,3-Trichlorobenzene	110		114		70-130	4		30
1,2,4-Trichlorobenzene	111		115		70-130	4		30
1,3,5-Trimethylbenzene	105		107		70-130	2		30
1,2,4-Trimethylbenzene	103		104		70-130	1		30
Methyl Acetate	87		89		70-130	2		30
Ethyl Acetate	76		77		70-130	1		30
Acrolein	80		79		70-130	1		30
Cyclohexane	91		94		70-130	3		30
1,4-Dioxane	95		99		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		110		70-130	4		30
1,4-Diethylbenzene	109		110		70-130	1		30
4-Ethyltoluene	102		105		70-130	3		30
1,2,4,5-Tetramethylbenzene	110		114		70-130	4		30
Tetrahydrofuran	77		79		66-130	3		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	106		106		70-130	0		30
Methyl cyclohexane	90		93		70-130	3		30
Ethyl-Tert-Butyl-Ether	94		94		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03,05-07 Batch: WG581678-1 WG581678-2								
Tertiary-Amyl Methyl Ether	91		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		114		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	104		104		70-130

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 Batch: WG581682-1 WG581682-2								
Methylene chloride	87		89		70-130	2		30
1,1-Dichloroethane	94		96		70-130	2		30
Chloroform	100		102		70-130	2		30
Carbon tetrachloride	117		120		70-130	3		30
1,2-Dichloropropane	85		85		70-130	0		30
Dibromochloromethane	107		104		70-130	3		30
2-Chloroethylvinyl ether	85		85			0		30
1,1,2-Trichloroethane	94		95		70-130	1		30
Tetrachloroethene	107		111		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 Batch: WG581682-1 WG581682-2								
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	123		131		70-139	6		30
1,2-Dichloroethane	104		103		70-130	1		30
1,1,1-Trichloroethane	113		115		70-130	2		30
Bromodichloromethane	100		98		70-130	2		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	96		99		70-130	3		30
Bromoform	115		116		70-130	1		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	88		90		70-130	2		30
Toluene	93		96		70-130	3		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	82		85		52-130	4		30
Bromomethane	113		126		57-147	11		30
Vinyl chloride	85		90		67-130	6		30
Chloroethane	89		93		50-151	4		30
1,1-Dichloroethene	101		103		65-135	2		30
trans-1,2-Dichloroethene	100		101		70-130	1		30
Trichloroethene	97		97		70-130	0		30
1,2-Dichlorobenzene	107		106		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 Batch: WG581682-1 WG581682-2								
1,3-Dichlorobenzene	106		107		70-130	1		30
1,4-Dichlorobenzene	105		106		70-130	1		30
Methyl tert butyl ether	96		96		66-130	0		30
p/m-Xylene	95		96		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	95		96		70-130	1		30
Dibromomethane	97		97		70-130	0		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	113		119		30-146	5		30
Acetone	120		139		54-140	15		30
Carbon disulfide	102		104		59-130	2		30
2-Butanone	88		96		70-130	9		30
Vinyl acetate	74		75		70-130	1		30
4-Methyl-2-pentanone	84		83		70-130	1		30
1,2,3-Trichloropropane	100		101		68-130	1		30
2-Hexanone	82		89		70-130	8		30
Bromochloromethane	102		101		70-130	1		30
2,2-Dichloropropane	110		111		70-130	1		30
1,2-Dibromoethane	97		97		70-130	0		30
1,3-Dichloropropane	91		92		69-130	1		30
1,1,1,2-Tetrachloroethane	107		107		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 Batch: WG581682-1 WG581682-2								
Bromobenzene	106		107		70-130	1		30
n-Butylbenzene	104		106		70-130	2		30
sec-Butylbenzene	103		105		70-130	2		30
tert-Butylbenzene	105		109		70-130	4		30
o-Chlorotoluene	104		106		70-130	2		30
p-Chlorotoluene	102		105		70-130	3		30
1,2-Dibromo-3-chloropropane	101		99		68-130	2		30
Hexachlorobutadiene	122		127		67-130	4		30
Isopropylbenzene	102		106		70-130	4		30
p-Isopropyltoluene	108		110		70-130	2		30
Naphthalene	100		103		70-130	3		30
Acrylonitrile	86		87		70-130	1		30
Isopropyl Ether	83		85		66-130	2		30
tert-Butyl Alcohol	94		94		70-130	0		30
n-Propylbenzene	100		103		70-130	3		30
1,2,3-Trichlorobenzene	110		114		70-130	4		30
1,2,4-Trichlorobenzene	111		115		70-130	4		30
1,3,5-Trimethylbenzene	105		107		70-130	2		30
1,2,4-Trimethylbenzene	103		104		70-130	1		30
Methyl Acetate	87		89		70-130	2		30
Ethyl Acetate	76		77		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 Batch: WG581682-1 WG581682-2								
Acrolein	80		79		70-130	1		30
Cyclohexane	91		94		70-130	3		30
1,4-Dioxane	95		99		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		110		70-130	4		30
1,4-Diethylbenzene	109		110		70-130	1		30
4-Ethyltoluene	102		105		70-130	3		30
1,2,4,5-Tetramethylbenzene	110		114		70-130	4		30
Tetrahydrofuran	77		79		66-130	3		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	106		106		70-130	0		30
Methyl cyclohexane	90		93		70-130	3		30
Ethyl-Tert-Butyl-Ether	94		94		70-130	0		30
Tertiary-Amyl Methyl Ether	91		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		114		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	104		104		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 QC Batch ID: WG581682-4 WG581682-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Methylene chloride	ND	1050	830	79		840	80		70-130	1		30
1,1-Dichloroethane	ND	1050	870	83		860	82		70-130	2		30
Chloroform	ND	1050	940	90		940	90		70-130	0		30
Carbon tetrachloride	ND	1050	1100	100		1000	98		70-130	2		30
1,2-Dichloropropane	ND	1050	800	76		810	77		70-130	0		30
Dibromochloromethane	ND	1050	1000	95		990	94		70-130	1		30
1,1,2-Trichloroethane	ND	1050	900	86		920	88		70-130	2		30
Tetrachloroethene	2300	1050	3200	88		3100	78		70-130	3		30
Chlorobenzene	ND	1050	910	87		900	86		70-130	1		30
Trichlorofluoromethane	ND	1050	950	91		930	88		70-139	3		30
1,2-Dichloroethane	ND	1050	990	94		1000	96		70-130	2		30
1,1,1-Trichloroethane	ND	1050	1000	97		1000	95		70-130	2		30
Bromodichloromethane	ND	1050	930	88		930	88		70-130	0		30
trans-1,3-Dichloropropene	ND	1050	920	88		940	89		70-130	2		30
cis-1,3-Dichloropropene	ND	1050	840	80		820	78		70-130	1		30
1,1-Dichloropropene	ND	1050	890	85		840	80		70-130	6		30
Bromoform	ND	1050	1000	99		1000	99		70-130	0		30
1,1,2,2-Tetrachloroethane	ND	1050	840	80		860	82		70-130	2		30
Benzene	ND	1050	830	79		810	77		70-130	2		30
Toluene	ND	1050	890	84		860	82		70-130	3		30
Ethylbenzene	ND	1050	890	85		870	83		70-130	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 QC Batch ID: WG581682-4 WG581682-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Chloromethane	ND	1050	760	72		730	70		52-130	3		30
Bromomethane	ND	1050	900	86		880	84		57-147	2		30
Vinyl chloride	ND	1050	810	77		780	74		67-130	4		30
Chloroethane	ND	1050	690	66		680	65		50-151	2		30
1,1-Dichloroethene	ND	1050	860	82		850	81		65-135	2		30
trans-1,2-Dichloroethene	ND	1050	910	86		890	85		70-130	2		30
Trichloroethene	ND	1050	940	90		930	88		70-130	2		30
1,2-Dichlorobenzene	ND	1050	960	91		960	92		70-130	1		30
1,3-Dichlorobenzene	ND	1050	940	89		940	89		70-130	0		30
1,4-Dichlorobenzene	ND	1050	940	89		920	87		70-130	2		30
Methyl tert butyl ether	ND	1050	940	89		950	91		66-130	2		30
p/m-Xylene	ND	2090	1700	83		1700	82		70-130	2		30
o-Xylene	ND	2090	1800	87		1800	86		70-130	1		30
cis-1,2-Dichloroethene	ND	1050	900	85		890	84		70-130	1		30
Dibromomethane	ND	1050	910	87		950	90		70-130	4		30
Styrene	ND	2090	1800	87		1800	87		70-130	0		30
Dichlorodifluoromethane	ND	1050	1100	107		1100	100		30-146	6		30
Acetone	ND	1050	1500	**146**	Q	1700	**159**	Q	54-140	9		30
Carbon disulfide	ND	1050	890	84		910	86		59-130	2		30
2-Butanone	ND	1050	1100	107		1200	112		70-130	5		30
Vinyl acetate	ND	1050	550	**53**	Q	490J	**47**	Q	70-130	12		30

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 QC Batch ID: WG581682-4 WG581682-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
4-Methyl-2-pentanone	ND	1050	790	76		810	78		70-130	3		30
1,2,3-Trichloropropane	ND	1050	950	90		940	90		68-130	1		30
2-Hexanone	ND	1050	900	85		1000	96		70-130	12		30
Bromochloromethane	ND	1050	950	91		970	92		70-130	1		30
2,2-Dichloropropane	ND	1050	960	91		930	89		70-130	3		30
1,2-Dibromoethane	ND	1050	940	89		960	91		70-130	2		30
1,3-Dichloropropane	ND	1050	890	84		900	85		69-130	1		30
1,1,1,2-Tetrachloroethane	ND	1050	990	94		1000	95		70-130	2		30
Bromobenzene	ND	1050	970	93		950	90		70-130	2		30
n-Butylbenzene	ND	1050	900	86		880	84		70-130	2		30
sec-Butylbenzene	ND	1050	920	87		900	85		70-130	2		30
tert-Butylbenzene	ND	1050	960	91		930	89		70-130	3		30
o-Chlorotoluene	ND	1050	940	90		920	87		70-130	3		30
p-Chlorotoluene	ND	1050	920	87		900	85		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	1050	1000	99		930	89		68-130	11		30
Hexachlorobutadiene	ND	1050	1100	104		1100	101		67-130	3		30
Isopropylbenzene	ND	1050	920	88		900	85		70-130	3		30
p-Isopropyltoluene	ND	1050	960	91		940	90		70-130	2		30
Naphthalene	85.J	1050	1000	98		1100	101		70-130	3		30
Acrylonitrile	ND	1050	820	78		880	84		70-130	6		30
n-Propylbenzene	ND	1050	900	86		870	83		70-130	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,08-09 QC Batch ID: WG581682-4 WG581682-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
1,2,3-Trichlorobenzene	ND	1050	1000	96		1000	95		70-130	1		30
1,2,4-Trichlorobenzene	ND	1050	970	93		950	91		70-130	2		30
1,3,5-Trimethylbenzene	ND	1050	970	92		940	89		70-130	3		30
1,2,4-Trimethylbenzene	ND	1050	940	90		910	87		70-130	3		30
1,4-Dioxane	ND	52300	53000	101		56000	107		65-136	6		30
1,4-Diethylbenzene	ND	1050	960	92		930	88		70-130	4		30
4-Ethyltoluene	ND	1050	930	89		890	85		70-130	4		30
1,2,4,5-Tetramethylbenzene	ND	1050	1000	96		990	94		70-130	2		30
Ethyl ether	ND	1050	800	77		840	80		67-130	4		30
trans-1,4-Dichloro-2-butene	ND	1050	940	90		940	89		70-130	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		115		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	101		101		70-130
Toluene-d8	103		103		70-130

SEMIVOLATILES

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-01	Date Collected:	12/20/12 10:30
Client ID:	FD01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/27/12 23:51		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	54.	1
Hexachlorobenzene	ND		ug/kg	110	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	35.	1
2-Chloronaphthalene	ND		ug/kg	190	56.	1
1,2-Dichlorobenzene	ND		ug/kg	190	55.	1
1,3-Dichlorobenzene	ND		ug/kg	190	58.	1
1,4-Dichlorobenzene	ND		ug/kg	190	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	67.	1
2,4-Dinitrotoluene	ND		ug/kg	190	56.	1
2,6-Dinitrotoluene	ND		ug/kg	190	61.	1
Fluoranthene	ND		ug/kg	110	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	33.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	53.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	47.	1
Hexachlorobutadiene	ND		ug/kg	190	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	150	1
Hexachloroethane	ND		ug/kg	150	27.	1
Isophorone	ND		ug/kg	170	44.	1
Naphthalene	ND		ug/kg	190	59.	1
Nitrobenzene	ND		ug/kg	170	54.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	47.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	39.	1
Butyl benzyl phthalate	ND		ug/kg	190	52.	1
Di-n-butylphthalate	ND		ug/kg	190	32.	1
Di-n-octylphthalate	ND		ug/kg	190	50.	1
Diethyl phthalate	ND		ug/kg	190	32.	1
Dimethyl phthalate	ND		ug/kg	190	31.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-01 Date Collected: 12/20/12 10:30

Client ID: FD01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	33.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	29.	1
Acenaphthylene	ND		ug/kg	150	48.	1
Anthracene	ND		ug/kg	110	26.	1
Benzo(ghi)perylene	ND		ug/kg	150	47.	1
Fluorene	ND		ug/kg	190	34.	1
Phenanthrene	ND		ug/kg	110	31.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	46.	1
Pyrene	ND		ug/kg	110	31.	1
Biphenyl	ND		ug/kg	420	130	1
4-Chloroaniline	ND		ug/kg	190	63.	1
2-Nitroaniline	ND		ug/kg	190	34.	1
3-Nitroaniline	ND		ug/kg	190	21.	1
4-Nitroaniline	ND		ug/kg	190	110	1
Dibenzofuran	ND		ug/kg	190	38.	1
2-Methylnaphthalene	ND		ug/kg	220	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	190	38.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	54.	1
2,4-Dimethylphenol	ND		ug/kg	190	77.	1
2-Nitrophenol	ND		ug/kg	400	140	1
4-Nitrophenol	ND		ug/kg	260	80.	1
2,4-Dinitrophenol	ND		ug/kg	900	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	180	1
Pentachlorophenol	ND		ug/kg	150	44.	1
Phenol	ND		ug/kg	190	58.	1
2-Methylphenol	ND		ug/kg	190	46.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	81.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	43.	1
Benzoic Acid	ND		ug/kg	600	160	1
Benzyl Alcohol	ND		ug/kg	190	43.	1
Carbazole	ND		ug/kg	190	30.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-01 Date Collected: 12/20/12 10:30

Client ID: FD01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	81		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-02	Date Collected:	12/20/12 11:50
Client ID:	B-1 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/28/12 00:16		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	54.	1
Hexachlorobenzene	ND		ug/kg	110	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	35.	1
2-Chloronaphthalene	ND		ug/kg	180	55.	1
1,2-Dichlorobenzene	ND		ug/kg	180	54.	1
1,3-Dichlorobenzene	ND		ug/kg	180	57.	1
1,4-Dichlorobenzene	ND		ug/kg	180	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	66.	1
2,4-Dinitrotoluene	ND		ug/kg	180	55.	1
2,6-Dinitrotoluene	ND		ug/kg	180	61.	1
Fluoranthene	ND		ug/kg	110	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	52.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	46.	1
Hexachlorobutadiene	ND		ug/kg	180	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	140	1
Hexachloroethane	ND		ug/kg	150	27.	1
Isophorone	ND		ug/kg	160	44.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	54.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	38.	1
Butyl benzyl phthalate	ND		ug/kg	180	52.	1
Di-n-butylphthalate	ND		ug/kg	180	31.	1
Di-n-octylphthalate	ND		ug/kg	180	50.	1
Diethyl phthalate	ND		ug/kg	180	32.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-02 Date Collected: 12/20/12 11:50

Client ID: B-1 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	33.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	29.	1
Acenaphthylene	ND		ug/kg	150	48.	1
Anthracene	ND		ug/kg	110	26.	1
Benzo(ghi)perylene	ND		ug/kg	150	46.	1
Fluorene	ND		ug/kg	180	34.	1
Phenanthrene	ND		ug/kg	110	31.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	45.	1
Pyrene	ND		ug/kg	110	30.	1
Biphenyl	ND		ug/kg	420	130	1
4-Chloroaniline	ND		ug/kg	180	62.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	21.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	ND		ug/kg	180	38.	1
2-Methylnaphthalene	ND		ug/kg	220	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	59.	1
Acetophenone	ND		ug/kg	180	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	38.	1
2-Chlorophenol	ND		ug/kg	180	58.	1
2,4-Dichlorophenol	ND		ug/kg	160	54.	1
2,4-Dimethylphenol	ND		ug/kg	180	76.	1
2-Nitrophenol	ND		ug/kg	400	130	1
4-Nitrophenol	ND		ug/kg	260	79.	1
2,4-Dinitrophenol	ND		ug/kg	880	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	170	1
Pentachlorophenol	ND		ug/kg	150	44.	1
Phenol	ND		ug/kg	180	58.	1
2-Methylphenol	ND		ug/kg	180	45.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	80.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	43.	1
Benzoic Acid	ND		ug/kg	600	160	1
Benzyl Alcohol	ND		ug/kg	180	43.	1
Carbazole	ND		ug/kg	180	30.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-02 Date Collected: 12/20/12 11:50

Client ID: B-1 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	81		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-03	Date Collected:	12/20/12 12:00
Client ID:	B-1 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/28/12 00:41		
Analyst:	RC		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	45.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	61.	1
Hexachlorobenzene	ND		ug/kg	120	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	40.	1
2-Chloronaphthalene	ND		ug/kg	210	63.	1
1,2-Dichlorobenzene	ND		ug/kg	210	61.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	75.	1
2,4-Dinitrotoluene	ND		ug/kg	210	63.	1
2,6-Dinitrotoluene	ND		ug/kg	210	69.	1
Fluoranthene	ND		ug/kg	120	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	37.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	59.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	52.	1
Hexachlorobutadiene	ND		ug/kg	210	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	160	1
Hexachloroethane	ND		ug/kg	170	30.	1
Isophorone	ND		ug/kg	190	50.	1
Naphthalene	ND		ug/kg	210	66.	1
Nitrobenzene	ND		ug/kg	190	61.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	52.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	43.	1
Butyl benzyl phthalate	ND		ug/kg	210	58.	1
Di-n-butylphthalate	ND		ug/kg	210	36.	1
Di-n-octylphthalate	ND		ug/kg	210	56.	1
Diethyl phthalate	ND		ug/kg	210	36.	1
Dimethyl phthalate	ND		ug/kg	210	34.	1
Benzo(a)anthracene	ND		ug/kg	120	41.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-03 Date Collected: 12/20/12 12:00

Client ID: B-1 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	170	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	37.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	32.	1
Acenaphthylene	ND		ug/kg	170	54.	1
Anthracene	ND		ug/kg	120	29.	1
Benzo(ghi)perylene	ND		ug/kg	170	53.	1
Fluorene	ND		ug/kg	210	38.	1
Phenanthrene	ND		ug/kg	120	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	51.	1
Pyrene	ND		ug/kg	120	34.	1
Biphenyl	ND		ug/kg	480	140	1
4-Chloroaniline	ND		ug/kg	210	70.	1
2-Nitroaniline	ND		ug/kg	210	38.	1
3-Nitroaniline	ND		ug/kg	210	23.	1
4-Nitroaniline	ND		ug/kg	210	130	1
Dibenzofuran	ND		ug/kg	210	43.	1
2-Methylnaphthalene	ND		ug/kg	250	82.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	66.	1
Acetophenone	ND		ug/kg	210	67.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	210	43.	1
2-Chlorophenol	ND		ug/kg	210	65.	1
2,4-Dichlorophenol	ND		ug/kg	190	61.	1
2,4-Dimethylphenol	ND		ug/kg	210	86.	1
2-Nitrophenol	ND		ug/kg	450	150	1
4-Nitrophenol	ND		ug/kg	290	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	200	1
Pentachlorophenol	ND		ug/kg	170	49.	1
Phenol	ND		ug/kg	210	66.	1
2-Methylphenol	ND		ug/kg	210	51.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	90.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	48.	1
Benzoic Acid	ND		ug/kg	680	180	1
Benzyl Alcohol	ND		ug/kg	210	48.	1
Carbazole	ND		ug/kg	210	34.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-03 Date Collected: 12/20/12 12:00

Client ID: B-1 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	84		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-04	Date Collected:	12/20/12 12:20
Client ID:	EB01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	12/24/12 12:25
Analytical Date:	12/27/12 15:02		
Analyst:	JC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-04 Date Collected: 12/20/12 12:20

Client ID: EB01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	119		10-120
4-Terphenyl-d14	105		41-149

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-04	Date Collected:	12/20/12 12:20
Client ID:	EB01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	12/24/12 12:38
Analytical Date:	12/29/12 10:56		
Analyst:	AS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	108		41-149

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-06	Date Collected:	12/20/12 14:55
Client ID:	B-2 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/28/12 01:06		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	53.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	54.	1
1,2-Dichlorobenzene	ND		ug/kg	180	53.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	66.	1
2,4-Dinitrotoluene	ND		ug/kg	180	54.	1
2,6-Dinitrotoluene	ND		ug/kg	180	60.	1
Fluoranthene	1100		ug/kg	110	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	51.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	46.	1
Hexachlorobutadiene	ND		ug/kg	180	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	43.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	53.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	38.	1
Butyl benzyl phthalate	ND		ug/kg	180	51.	1
Di-n-butylphthalate	ND		ug/kg	180	31.	1
Di-n-octylphthalate	ND		ug/kg	180	49.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	470		ug/kg	110	36.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-06 Date Collected: 12/20/12 14:55

Client ID: B-2 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	420		ug/kg	140	43.	1
Benzo(b)fluoranthene	670		ug/kg	110	32.	1
Benzo(k)fluoranthene	200		ug/kg	110	28.	1
Chrysene	500		ug/kg	110	28.	1
Acenaphthylene	ND		ug/kg	140	47.	1
Anthracene	120		ug/kg	110	25.	1
Benzo(ghi)perylene	290		ug/kg	140	46.	1
Fluorene	ND		ug/kg	180	33.	1
Phenanthrene	710		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	79	J	ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	260		ug/kg	140	44.	1
Pyrene	910		ug/kg	110	30.	1
Biphenyl	ND		ug/kg	410	130	1
4-Chloroaniline	ND		ug/kg	180	61.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	ND		ug/kg	180	37.	1
2-Methylnaphthalene	ND		ug/kg	220	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	58.	1
Acetophenone	ND		ug/kg	180	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	37.	1
2-Chlorophenol	ND		ug/kg	180	57.	1
2,4-Dichlorophenol	ND		ug/kg	160	53.	1
2,4-Dimethylphenol	ND		ug/kg	180	75.	1
2-Nitrophenol	ND		ug/kg	390	130	1
4-Nitrophenol	ND		ug/kg	250	77.	1
2,4-Dinitrophenol	ND		ug/kg	870	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	170	1
Pentachlorophenol	ND		ug/kg	140	43.	1
Phenol	ND		ug/kg	180	57.	1
2-Methylphenol	ND		ug/kg	180	45.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	42.	1
Benzoic Acid	ND		ug/kg	590	150	1
Benzyl Alcohol	ND		ug/kg	180	42.	1
Carbazole	64	J	ug/kg	180	29.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-06 Date Collected: 12/20/12 14:55

Client ID: B-2 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	83		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-07	Date Collected:	12/20/12 15:10
Client ID:	B-2 S-4 (6-8')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/28/12 01:31		
Analyst:	RC		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	57.	1
Hexachlorobenzene	ND		ug/kg	120	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	37.	1
2-Chloronaphthalene	ND		ug/kg	200	59.	1
1,2-Dichlorobenzene	ND		ug/kg	200	57.	1
1,3-Dichlorobenzene	ND		ug/kg	200	60.	1
1,4-Dichlorobenzene	ND		ug/kg	200	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	70.	1
2,4-Dinitrotoluene	ND		ug/kg	200	58.	1
2,6-Dinitrotoluene	ND		ug/kg	200	64.	1
Fluoranthene	ND		ug/kg	120	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	55.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	49.	1
Hexachlorobutadiene	ND		ug/kg	200	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	150	1
Hexachloroethane	ND		ug/kg	160	28.	1
Isophorone	ND		ug/kg	180	46.	1
Naphthalene	ND		ug/kg	200	62.	1
Nitrobenzene	ND		ug/kg	180	57.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	49.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	54.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	40.	1
Butyl benzyl phthalate	ND		ug/kg	200	55.	1
Di-n-butylphthalate	ND		ug/kg	200	33.	1
Di-n-octylphthalate	ND		ug/kg	200	53.	1
Diethyl phthalate	ND		ug/kg	200	34.	1
Dimethyl phthalate	ND		ug/kg	200	32.	1
Benzo(a)anthracene	ND		ug/kg	120	39.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-07 Date Collected: 12/20/12 15:10

Client ID: B-2 S-4 (6-8') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	160	46.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	30.	1
Chrysene	ND		ug/kg	120	30.	1
Acenaphthylene	ND		ug/kg	160	51.	1
Anthracene	ND		ug/kg	120	27.	1
Benzo(ghi)perylene	ND		ug/kg	160	49.	1
Fluorene	ND		ug/kg	200	36.	1
Phenanthrene	ND		ug/kg	120	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	48.	1
Pyrene	ND		ug/kg	120	32.	1
Biphenyl	ND		ug/kg	440	140	1
4-Chloroaniline	ND		ug/kg	200	66.	1
2-Nitroaniline	ND		ug/kg	200	36.	1
3-Nitroaniline	ND		ug/kg	200	22.	1
4-Nitroaniline	ND		ug/kg	200	120	1
Dibenzofuran	ND		ug/kg	200	40.	1
2-Methylnaphthalene	ND		ug/kg	230	77.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
P-Chloro-M-Cresol	ND		ug/kg	200	40.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	57.	1
2,4-Dimethylphenol	ND		ug/kg	200	80.	1
2-Nitrophenol	ND		ug/kg	420	140	1
4-Nitrophenol	ND		ug/kg	270	83.	1
2,4-Dinitrophenol	ND		ug/kg	940	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	180	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	200	61.	1
2-Methylphenol	ND		ug/kg	200	48.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	84.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	45.	1
Benzoic Acid	ND		ug/kg	630	160	1
Benzyl Alcohol	ND		ug/kg	200	45.	1
Carbazole	ND		ug/kg	200	31.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-07 Date Collected: 12/20/12 15:10

Client ID: B-2 S-4 (6-8') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	106		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	90		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-08	Date Collected:	12/21/12 12:40
Client ID:	B-3 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/28/12 01:57		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	140	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	52.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	54.	1
1,2-Dichlorobenzene	ND		ug/kg	180	53.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	65.	1
2,4-Dinitrotoluene	ND		ug/kg	180	54.	1
2,6-Dinitrotoluene	ND		ug/kg	180	59.	1
Fluoranthene	4900		ug/kg	110	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	51.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	45.	1
Hexachlorobutadiene	ND		ug/kg	180	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	43.	1
Naphthalene	160	J	ug/kg	180	57.	1
Nitrobenzene	ND		ug/kg	160	52.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	50.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	37.	1
Butyl benzyl phthalate	ND		ug/kg	180	50.	1
Di-n-butylphthalate	ND		ug/kg	180	31.	1
Di-n-octylphthalate	ND		ug/kg	180	48.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	2400		ug/kg	110	36.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-08 Date Collected: 12/21/12 12:40

Client ID: B-3 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	2500		ug/kg	140	43.	1
Benzo(b)fluoranthene	3300		ug/kg	110	32.	1
Benzo(k)fluoranthene	1100		ug/kg	110	28.	1
Chrysene	2400		ug/kg	110	28.	1
Acenaphthylene	300		ug/kg	140	47.	1
Anthracene	780		ug/kg	110	25.	1
Benzo(ghi)perylene	1500		ug/kg	140	45.	1
Fluorene	280		ug/kg	180	33.	1
Phenanthrene	3100		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	390		ug/kg	110	33.	1
Indeno(1,2,3-cd)Pyrene	1400		ug/kg	140	44.	1
Pyrene	4400		ug/kg	110	30.	1
Biphenyl	ND		ug/kg	410	120	1
4-Chloroaniline	ND		ug/kg	180	60.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	200		ug/kg	180	37.	1
2-Methylnaphthalene	94	J	ug/kg	220	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	37.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	52.	1
2,4-Dimethylphenol	ND		ug/kg	180	74.	1
2-Nitrophenol	ND		ug/kg	390	130	1
4-Nitrophenol	ND		ug/kg	250	76.	1
2,4-Dinitrophenol	ND		ug/kg	860	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	170	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	56.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	42.	1
Benzoic Acid	ND		ug/kg	580	150	1
Benzyl Alcohol	ND		ug/kg	180	42.	1
Carbazole	320		ug/kg	180	29.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-08 Date Collected: 12/21/12 12:40

Client ID: B-3 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	97		0-136
4-Terphenyl-d14	95		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-09	Date Collected:	12/21/12 14:00
Client ID:	B-3 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	12/24/12 11:30
Analytical Date:	12/28/12 02:22		
Analyst:	RC		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	150	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	56.	1
Hexachlorobenzene	ND		ug/kg	120	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	36.	1
2-Chloronaphthalene	ND		ug/kg	190	58.	1
1,2-Dichlorobenzene	ND		ug/kg	190	56.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	69.	1
2,4-Dinitrotoluene	ND		ug/kg	190	58.	1
2,6-Dinitrotoluene	ND		ug/kg	190	63.	1
Fluoranthene	4000		ug/kg	120	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	54.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	48.	1
Hexachlorobutadiene	ND		ug/kg	190	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	150	1
Hexachloroethane	ND		ug/kg	150	28.	1
Isophorone	ND		ug/kg	170	46.	1
Naphthalene	130	J	ug/kg	190	61.	1
Nitrobenzene	ND		ug/kg	170	56.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	54.	1
Bis(2-Ethylhexyl)phthalate	59	J	ug/kg	190	40.	1
Butyl benzyl phthalate	ND		ug/kg	190	54.	1
Di-n-butylphthalate	ND		ug/kg	190	33.	1
Di-n-octylphthalate	ND		ug/kg	190	52.	1
Diethyl phthalate	ND		ug/kg	190	33.	1
Dimethyl phthalate	ND		ug/kg	190	32.	1
Benzo(a)anthracene	1900		ug/kg	120	38.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-09 Date Collected: 12/21/12 14:00

Client ID: B-3 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	1800		ug/kg	150	46.	1
Benzo(b)fluoranthene	2300		ug/kg	120	34.	1
Benzo(k)fluoranthene	1000		ug/kg	120	30.	1
Chrysene	1900		ug/kg	120	30.	1
Acenaphthylene	110	J	ug/kg	150	50.	1
Anthracene	650		ug/kg	120	27.	1
Benzo(ghi)perylene	1000		ug/kg	150	48.	1
Fluorene	180	J	ug/kg	190	35.	1
Phenanthrene	2400		ug/kg	120	32.	1
Dibenzo(a,h)anthracene	300		ug/kg	120	36.	1
Indeno(1,2,3-cd)Pyrene	940		ug/kg	150	47.	1
Pyrene	3300		ug/kg	120	32.	1
Biphenyl	ND		ug/kg	440	130	1
4-Chloroaniline	ND		ug/kg	190	65.	1
2-Nitroaniline	ND		ug/kg	190	35.	1
3-Nitroaniline	ND		ug/kg	190	22.	1
4-Nitroaniline	ND		ug/kg	190	120	1
Dibenzofuran	140	J	ug/kg	190	40.	1
2-Methylnaphthalene	150	J	ug/kg	230	76.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	61.	1
Acetophenone	ND		ug/kg	190	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	39.	1
2-Chlorophenol	ND		ug/kg	190	60.	1
2,4-Dichlorophenol	ND		ug/kg	170	56.	1
2,4-Dimethylphenol	ND		ug/kg	190	79.	1
2-Nitrophenol	ND		ug/kg	420	140	1
4-Nitrophenol	ND		ug/kg	270	82.	1
2,4-Dinitrophenol	ND		ug/kg	920	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	180	1
Pentachlorophenol	ND		ug/kg	150	46.	1
Phenol	ND		ug/kg	190	60.	1
2-Methylphenol	ND		ug/kg	190	47.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	83.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	45.	1
Benzoic Acid	ND		ug/kg	620	160	1
Benzyl Alcohol	ND		ug/kg	190	45.	1
Carbazole	230		ug/kg	190	31.	1

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-09 Date Collected: 12/21/12 14:00

Client ID: B-3 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	91		18-120

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/28/12 14:30
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/24/12 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581189-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	170	48.
Hexachlorobenzene	ND		ug/kg	100	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	170	50.
1,2-Dichlorobenzene	ND		ug/kg	170	49.
1,3-Dichlorobenzene	ND		ug/kg	170	51.
1,4-Dichlorobenzene	ND		ug/kg	170	47.
3,3'-Dichlorobenzidine	ND		ug/kg	170	60.
2,4-Dinitrotoluene	ND		ug/kg	170	50.
2,6-Dinitrotoluene	ND		ug/kg	170	54.
Fluoranthene	ND		ug/kg	100	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	29.
4-Bromophenyl phenyl ether	ND		ug/kg	170	34.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	170	44.
Hexachlorocyclopentadiene	ND		ug/kg	480	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	40.
Naphthalene	ND		ug/kg	170	53.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	42.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	34.
Butyl benzyl phthalate	ND		ug/kg	170	46.
Di-n-butylphthalate	ND		ug/kg	170	28.
Di-n-octylphthalate	ND		ug/kg	170	45.
Diethyl phthalate	ND		ug/kg	170	29.
Dimethyl phthalate	ND		ug/kg	170	27.

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/28/12 14:30
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/24/12 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581189-1					
Benzo(a)anthracene	ND		ug/kg	100	33.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	29.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	100	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	170	30.
Phenanthrene	ND		ug/kg	100	28.
Dibenzo(a,h)anthracene	ND		ug/kg	100	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	100	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	170	56.
2-Nitroaniline	ND		ug/kg	170	30.
3-Nitroaniline	ND		ug/kg	170	19.
4-Nitroaniline	ND		ug/kg	170	100
Dibenzofuran	ND		ug/kg	170	34.
2-Methylnaphthalene	ND		ug/kg	200	65.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.
Acetophenone	ND		ug/kg	170	53.
2,4,6-Trichlorophenol	ND		ug/kg	100	30.
P-Chloro-M-Cresol	ND		ug/kg	170	34.
2-Chlorophenol	ND		ug/kg	170	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	170	68.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	71.
2,4-Dinitrophenol	ND		ug/kg	800	260

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/28/12 14:30
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/24/12 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581189-1					
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	39.
Phenol	ND		ug/kg	170	52.
2-Methylphenol	ND		ug/kg	170	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	72.
2,4,5-Trichlorophenol	ND		ug/kg	170	39.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	170	38.
Carbazole	ND		ug/kg	170	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	106		25-120
Phenol-d6	110		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	100		18-120

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/27/12 09:48
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG581193-1					
Acenaphthene	ND		ug/l	2.0	0.55
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Hexachlorobenzene	ND		ug/l	2.0	0.65
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.47
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
Fluoranthene	ND		ug/l	2.0	0.51
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorobutadiene	ND		ug/l	2.0	0.81
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Hexachloroethane	ND		ug/l	2.0	0.66
Isophorone	ND		ug/l	5.0	0.35
Naphthalene	ND		ug/l	2.0	0.72
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Benzo(a)anthracene	ND		ug/l	2.0	0.82

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/27/12 09:48
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG581193-1					
Benzo(a)pyrene	ND		ug/l	2.0	0.48
Benzo(b)fluoranthene	ND		ug/l	2.0	0.48
Benzo(k)fluoranthene	ND		ug/l	2.0	0.48
Chrysene	ND		ug/l	2.0	0.56
Acenaphthylene	ND		ug/l	2.0	0.50
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.53
Fluorene	ND		ug/l	2.0	0.49
Phenanthrene	ND		ug/l	2.0	0.49
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.48
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.44
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
2-Methylnaphthalene	ND		ug/l	2.0	0.55
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Pentachlorophenol	ND		ug/l	10	1.2

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/27/12 09:48
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG581193-1					
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	100		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	113		41-149

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/29/12 03:30
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 12:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG581194-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/29/12 03:30
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 12:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG581194-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	115		15-120
2,4,6-Tribromophenol	**124**	Q	10-120
4-Terphenyl-d14	**163**	Q	41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581189-2 WG581189-3								
Acenaphthene	105		104		31-137	1		50
1,2,4-Trichlorobenzene	104		104		38-107	0		50
Hexachlorobenzene	112		113		40-140	1		50
Bis(2-chloroethyl)ether	97		99		40-140	2		50
2-Chloronaphthalene	106		108		40-140	2		50
1,2-Dichlorobenzene	101		101		40-140	0		50
1,3-Dichlorobenzene	98		98		40-140	0		50
1,4-Dichlorobenzene	101		100		28-104	1		50
3,3'-Dichlorobenzidine	95		97		40-140	2		50
2,4-Dinitrotoluene	**116**	Q	**116**	Q	28-89	0		50
2,6-Dinitrotoluene	113		115		40-140	2		50
Fluoranthene	110		108		40-140	2		50
4-Chlorophenyl phenyl ether	113		112		40-140	1		50
4-Bromophenyl phenyl ether	117		118		40-140	1		50
Bis(2-chloroisopropyl)ether	90		89		40-140	1		50
Bis(2-chloroethoxy)methane	99		106		40-117	7		50
Hexachlorobutadiene	108		107		40-140	1		50
Hexachlorocyclopentadiene	91		94		40-140	3		50
Hexachloroethane	97		98		40-140	1		50
Isophorone	99		100		40-140	1		50
Naphthalene	102		102		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581189-2 WG581189-3								
Nitrobenzene	100		102		40-140	2		50
NitrosoDiPhenylAmine(NDPA)/DPA	112		112			0		50
n-Nitrosodi-n-propylamine	93		96		32-121	3		50
Bis(2-Ethylhexyl)phthalate	129		130		40-140	1		50
Butyl benzyl phthalate	120		115		40-140	4		50
Di-n-butylphthalate	122		122		40-140	0		50
Di-n-octylphthalate	131		133		40-140	2		50
Diethyl phthalate	112		114		40-140	2		50
Dimethyl phthalate	113		113		40-140	0		50
Benzo(a)anthracene	115		113		40-140	2		50
Benzo(a)pyrene	113		113		40-140	0		50
Benzo(b)fluoranthene	115		119		40-140	3		50
Benzo(k)fluoranthene	112		109		40-140	3		50
Chrysene	110		110		40-140	0		50
Acenaphthylene	105		107		40-140	2		50
Anthracene	112		112		40-140	0		50
Benzo(ghi)perylene	111		111		40-140	0		50
Fluorene	108		109		40-140	1		50
Phenanthrene	108		108		40-140	0		50
Dibenzo(a,h)anthracene	114		114		40-140	0		50
Indeno(1,2,3-cd)Pyrene	115		115		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581189-2 WG581189-3								
Pyrene	107		105		35-142	2		50
Biphenyl	110		110			0		50
4-Chloroaniline	62		56		40-140	10		50
2-Nitroaniline	114		116		47-134	2		50
3-Nitroaniline	87		82		26-129	6		50
4-Nitroaniline	104		102		41-125	2		50
Dibenzofuran	107		106		40-140	1		50
2-Methylnaphthalene	110		98		40-140	12		50
1,2,4,5-Tetrachlorobenzene	112		111		40-117	1		50
Acetophenone	105		106		14-144	1		50
2,4,6-Trichlorophenol	119		119		30-130	0		50
P-Chloro-M-Cresol	**111**	Q	**114**	Q	26-103	3		50
2-Chlorophenol	**107**	Q	**110**	Q	25-102	3		50
2,4-Dichlorophenol	114		118		30-130	3		50
2,4-Dimethylphenol	104		112		30-130	7		50
2-Nitrophenol	110		115		30-130	4		50
4-Nitrophenol	**116**	Q	109		11-114	6		50
2,4-Dinitrophenol	21		31		4-130	38		50
4,6-Dinitro-o-cresol	58		69		10-130	17		50
Pentachlorophenol	108		106		17-109	2		50
Phenol	**94**	Q	**100**	Q	26-90	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581189-2 WG581189-3								
2-Methylphenol	104		110		30-130.	6		50
3-Methylphenol/4-Methylphenol	105		112		30-130	6		50
2,4,5-Trichlorophenol	116		121		30-130	4		50
Benzoic Acid	28		34			19		50
Benzyl Alcohol	103		107		40-140	4		50
Carbazole	109		105		54-128	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	103		112		25-120
Phenol-d6	102		112		10-120
Nitrobenzene-d5	93		100		23-120
2-Fluorobiphenyl	101		107		30-120
2,4,6-Tribromophenol	**167**	Q	**162**	Q	0-136
4-Terphenyl-d14	103		106		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG581193-2 WG581193-3								
Acenaphthene	**117**	Q	**115**	Q	37-111	2		30
1,2,4-Trichlorobenzene	**100**	Q	**101**	Q	39-98	1		30
Hexachlorobenzene	125		122		40-140	2		30
Bis(2-chloroethyl)ether	102		101		40-140	1		30
2-Chloronaphthalene	110		109		40-140	1		30
1,2-Dichlorobenzene	92		94		40-140	2		30
1,3-Dichlorobenzene	90		94		40-140	4		30
1,4-Dichlorobenzene	90		95		36-97	5		30
3,3'-Dichlorobenzidine	91		75		40-140	19		30
2,4-Dinitrotoluene	**133**	Q	**132**	Q	24-96	1		30
2,6-Dinitrotoluene	127		121		40-140	5		30
Fluoranthene	133		129		40-140	3		30
4-Chlorophenyl phenyl ether	124		120		40-140	3		30
4-Bromophenyl phenyl ether	127		124		40-140	2		30
Bis(2-chloroisopropyl)ether	95		94		40-140	1		30
Bis(2-chloroethoxy)methane	102		100		40-140	2		30
Hexachlorobutadiene	100		102		40-140	2		30
Hexachlorocyclopentadiene	57		60		40-140	5		30
Hexachloroethane	94		95		40-140	1		30
Isophorone	106		105		40-140	1		30
Naphthalene	104		107		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG581193-2 WG581193-3								
Nitrobenzene	108		107		40-140	1		30
NitrosoDiPhenylAmine(NDPA)/DPA	122		117		40-140	4		30
n-Nitrosodi-n-propylamine	104		103		29-132	1		30
Bis(2-Ethylhexyl)phthalate	136		130		40-140	5		30
Butyl benzyl phthalate	133		127		40-140	5		30
Di-n-butylphthalate	139		133		40-140	4		30
Di-n-octylphthalate	138		133		40-140	4		30
Diethyl phthalate	127		123		40-140	3		30
Dimethyl phthalate	126		123		40-140	2		30
Benzo(a)anthracene	132		126		40-140	5		30
Benzo(a)pyrene	123		116		40-140	6		30
Benzo(b)fluoranthene	120		116		40-140	3		30
Benzo(k)fluoranthene	139		130		40-140	7		30
Chrysene	129		125		40-140	3		30
Acenaphthylene	113		113		45-123	0		30
Anthracene	133		128		40-140	4		30
Benzo(ghi)perylene	139		132		40-140	5		30
Fluorene	122		119		40-140	2		30
Phenanthrene	132		126		40-140	5		30
Dibenzo(a,h)anthracene	**142**	Q	135		40-140	5		30
Indeno(1,2,3-cd)Pyrene	135		127		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG581193-2 WG581193-3								
Pyrene	**130**	Q	124		26-127	5		30
Biphenyl	109		108			1		30
4-Chloroaniline	57		50		40-140	13		30
2-Nitroaniline	127		122		52-143	4		30
3-Nitroaniline	69		67		25-145	3		30
4-Nitroaniline	121		112		51-143	8		30
Dibenzofuran	120		116		40-140	3		30
2-Methylnaphthalene	109		108		40-140	1		30
1,2,4,5-Tetrachlorobenzene	106		108		2-134	2		30
Acetophenone	106		104		39-129	2		30
2,4,6-Trichlorophenol	121		120		30-130	1		30
P-Chloro-M-Cresol	**128**	Q	**126**	Q	23-97	2		30
2-Chlorophenol	104		103		27-123	1		30
2,4-Dichlorophenol	119		120		30-130	1		30
2,4-Dimethylphenol	101		102		30-130	1		30
2-Nitrophenol	110		107		30-130	3		30
4-Nitrophenol	70		63		10-80	11		30
2,4-Dinitrophenol	109		108		20-130	1		30
4,6-Dinitro-o-cresol	124		120		20-164	3		30
Pentachlorophenol	**136**	Q	**132**	Q	9-103	3		30
Phenol	57		57		12-110	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG581193-2 WG581193-3								
2-Methylphenol	100		97		30-130	3		30
3-Methylphenol/4-Methylphenol	92		89		30-130	3		30
2,4,5-Trichlorophenol	127		124		30-130	2		30
Benzoic Acid	55		53			4		30
Benzyl Alcohol	97		96			1		30
Carbazole	130		124		55-144	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		74		21-120
Phenol-d6	53		52		10-120
Nitrobenzene-d5	103		101		23-120
2-Fluorobiphenyl	110		107		15-120
2,4,6-Tribromophenol	**149**	Q	**138**	Q	10-120
4-Terphenyl-d14	125		117		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG581194-2 WG581194-3								
Acenaphthene	107		110		37-111	3		40
2-Chloronaphthalene	105		105		40-140	0		40
Fluoranthene	**144**	Q	**141**	Q	40-140	2		40
Hexachlorobutadiene	102		104		40-140	2		40
Naphthalene	99		100		40-140	1		40
Benzo(a)anthracene	118		115		40-140	3		40
Benzo(a)pyrene	96		103		40-140	7		40
Benzo(b)fluoranthene	102		107		40-140	5		40
Benzo(k)fluoranthene	115		123		40-140	7		40
Chrysene	107		106		40-140	1		40
Acenaphthylene	118		116		40-140	2		40
Anthracene	112		108		40-140	4		40
Benzo(ghi)perylene	53		67		40-140	23		40
Fluorene	114		114		40-140	0		40
Phenanthrene	119		119		40-140	0		40
Dibenzo(a,h)anthracene	65		77		40-140	17		40
Indeno(1,2,3-cd)Pyrene	63		76		40-140	19		40
Pyrene	**138**	Q	**136**	Q	26-127	1		40
2-Methylnaphthalene	105		106		40-140	1		40
Pentachlorophenol	96		96		9-103	0		40
Hexachlorobenzene	107		104		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG581194-2 WG581194-3								
Hexachloroethane	82		83		40-140	1		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		64		21-120
Phenol-d6	49		45		10-120
Nitrobenzene-d5	94		94		23-120
2-Fluorobiphenyl	101		99		15-120
2,4,6-Tribromophenol	117		114		10-120
4-Terphenyl-d14	145		141		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581189-4 WG581189-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Acenaphthene	250	1440	1800	110		1400	80		31-137	25		50
1,2,4-Trichlorobenzene	ND	1440	1500	100		1200	84		38-107	22		50
Hexachlorobenzene	ND	1440	1700	120		1400	98		40-140	19		50
Bis(2-chloroethyl)ether	ND	1440	1400	97		1100	77		40-140	24		50
2-Chloronaphthalene	ND	1440	1600	110		1300	91		40-140	21		50
1,2-Dichlorobenzene	ND	1440	1400	97		1100	77		40-140	24		50
1,3-Dichlorobenzene	ND	1440	1400	97		1100	77		40-140	24		50
1,4-Dichlorobenzene	ND	1440	1400	97		1100	77		28-104	24		50
3,3'-Dichlorobenzidine	ND	1440	870	60		870	61		40-140	0		50
2,4-Dinitrotoluene	ND	1440	1700	**120**	Q	1400	**98**	Q	28-89	19		50
2,6-Dinitrotoluene	ND	1440	1800	130		1400	98		40-140	25		50
Fluoranthene	4900	1440	8000	**220**	Q	5900	70		40-140	30		50
4-Chlorophenyl phenyl ether	ND	1440	1600	110		1400	98		40-140	13		50
4-Bromophenyl phenyl ether	ND	1440	1800	130		1400	98		40-140	25		50
Bis(2-chloroisopropyl)ether	ND	1440	1300	90		990	69		40-140	27		50
Bis(2-chloroethoxy)methane	ND	1440	1500	100		1100	77		40-117	31		50
Hexachlorobutadiene	ND	1440	1500	100		1200	84		40-140	22		50
Hexachlorocyclopentadiene	ND	1440	1200	83		750J	52		40-140	46		50
Hexachloroethane	ND	1440	1400	97		1100	77		40-140	24		50
Isophorone	ND	1440	1400	97		1100	77		40-140	24		50
Naphthalene	160J	1440	1700	120		1300	91		40-140	27		50

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581189-4 WG581189-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Nitrobenzene	ND	1440	1400	97		1200	84		40-140	15		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1440	1700	120		1400	98			19		50
n-Nitrosodi-n-propylamine	ND	1440	1300	90		1000	70		32-121	26		50
Bis(2-Ethylhexyl)phthalate	ND	1440	1800	130		1500	100		40-140	18		50
Butyl benzyl phthalate	ND	1440	1800	130		1500	100		40-140	18		50
Di-n-butylphthalate	ND	1440	1700	120		1500	100		40-140	13		50
Di-n-octylphthalate	ND	1440	1900	130		1600	110		40-140	17		50
Diethyl phthalate	ND	1440	1700	120		1400	98		40-140	19		50
Dimethyl phthalate	ND	1440	1600	110		1400	98		40-140	13		50
Benzo(a)anthracene	2400	1440	4800	**170**	Q	3600	84		40-140	29		50
Benzo(a)pyrene	2500	1440	4600	**150**	Q	3500	70		40-140	27		50
Benzo(b)fluoranthene	3300	1440	5500	**150**	Q	4300	70		40-140	24		50
Benzo(k)fluoranthene	1100	1440	3200	**150**	Q	2500	98		40-140	25		50
Chrysene	2400	1440	4900	**170**	Q	3600	84		40-140	31		50
Acenaphthylene	300	1440	1900	110		1500	84		40-140	24		50
Anthracene	780	1440	2400	110		1900	78		40-140	23		50
Benzo(ghi)perylene	1500	1440	3500	140		2700	84		40-140	26		50
Fluorene	280	1440	1900	110		1500	85		40-140	24		50
Phenanthrene	3100	1440	5200	**150**	Q	3700	42		40-140	34		50
Dibenzo(a,h)anthracene	390	1440	2100	120		1700	91		40-140	21		50
Indeno(1,2,3-cd)Pyrene	1400	1440	3800	**170**	Q	2900	100		40-140	27		50

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581189-4 WG581189-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Pyrene	4400	1440	7400	**210**	Q	5500	77		35-142	29		50
Biphenyl	ND	1440	1600	110		1300	91			21		50
4-Chloroaniline	ND	1440	1700	120		700	49		40-140	**83**	Q	50
2-Nitroaniline	ND	1440	1900	130		1400	98		47-134	30		50
3-Nitroaniline	ND	1440	1200	83		1000	70		26-129	18		50
4-Nitroaniline	ND	1440	1500	100		1300	91		41-125	14		50
Dibenzofuran	200	1440	1700	100		1400	84		40-140	19		50
2-Methylnaphthalene	94.J	1440	1500	100		1200	84		40-140	22		50
1,2,4,5-Tetrachlorobenzene	ND	1440	1500	100		1300	91		40-117	14		50
Acetophenone	ND	1440	1500	100		1200	84		14-144	22		50
2,4,6-Trichlorophenol	ND	1440	1800	130		1400	98		30-130	25		50
P-Chloro-M-Cresol	ND	1440	1700	**120**	Q	1300	91		26-103	27		50
2-Chlorophenol	ND	1440	1500	100		1100	77		25-102	31		50
2,4-Dichlorophenol	ND	1440	1700	120		1400	98		30-130	19		50
2,4-Dimethylphenol	ND	1440	1100	76		940	66		30-130	16		50
2-Nitrophenol	ND	1440	1500	100		1200	84		30-130	22		50
4-Nitrophenol	ND	1440	1700	**120**	Q	1300	91		11-114	27		50
2,4-Dinitrophenol	ND	1440	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1440	470J	33		ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1440	1300	90		1200	84		17-109	8		50
Phenol	ND	1440	1300	90		1000	70		26-90	26		50

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581189-4 WG581189-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
2-Methylphenol	ND	1440	1300	90		1000	70		30-130.	26		50
3-Methylphenol/4-Methylphenol	ND	1440	1400	97		1100	77		30-130	24		50
2,4,5-Trichlorophenol	ND	1440	1800	130		1500	100		30-130	18		50
Benzoic Acid	ND	1440	720J	50		710J	50			1		50
Benzyl Alcohol	ND	1440	1500	100		1200	84		40-140	22		50
Carbazole	320	1440	1900	110		1600	89		54-128	17		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	**173**	Q	**144**	Q	0-136
2-Fluorobiphenyl	107		87		30-120
2-Fluorophenol	97		77		25-120
4-Terphenyl-d14	111		94		18-120
Nitrobenzene-d5	95		77		23-120
Phenol-d6	102		76		10-120

PCBS

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-01	Date Collected:	12/20/12 10:30
Client ID:	FD01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 17:19	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.9	7.28	1
Aroclor 1221	ND		ug/kg	36.9	11.1	1
Aroclor 1232	ND		ug/kg	36.9	7.83	1
Aroclor 1242	ND		ug/kg	36.9	7.00	1
Aroclor 1248	ND		ug/kg	36.9	4.46	1
Aroclor 1254	ND		ug/kg	36.9	5.81	1
Aroclor 1260	52.3		ug/kg	36.9	6.40	1
Aroclor 1262	ND		ug/kg	36.9	2.73	1
Aroclor 1268	ND		ug/kg	36.9	5.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	54		30-150
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	60		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-02	Date Collected:	12/20/12 11:50
Client ID:	B-1 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 17:32	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.0	7.12	1
Aroclor 1221	ND		ug/kg	36.0	10.9	1
Aroclor 1232	ND		ug/kg	36.0	7.66	1
Aroclor 1242	ND		ug/kg	36.0	6.84	1
Aroclor 1248	ND		ug/kg	36.0	4.36	1
Aroclor 1260	32.9	J	ug/kg	36.0	6.26	1
Aroclor 1262	ND		ug/kg	36.0	2.67	1
Aroclor 1268	ND		ug/kg	36.0	5.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	56		30-150
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	62		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-02	Date Collected:	12/20/12 11:50
Client ID:	B-1 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 17:32	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1254	13.7	J	ug/kg	36.0	5.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	56		30-150
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	62		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-03	Date Collected:	12/20/12 12:00
Client ID:	B-1 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 17:44	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	40.0	7.91	1
Aroclor 1221	ND		ug/kg	40.0	12.1	1
Aroclor 1232	ND		ug/kg	40.0	8.50	1
Aroclor 1242	ND		ug/kg	40.0	7.60	1
Aroclor 1248	ND		ug/kg	40.0	4.84	1
Aroclor 1254	ND		ug/kg	40.0	6.31	1
Aroclor 1260	17.8	J	ug/kg	40.0	6.95	1
Aroclor 1262	ND		ug/kg	40.0	2.96	1
Aroclor 1268	ND		ug/kg	40.0	5.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	81		30-150
Decachlorobiphenyl	84		30-150
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	88		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-04	Date Collected:	12/20/12 12:20
Client ID:	EB01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	12/24/12 07:17
Analytical Date:	12/27/12 01:34	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/24/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	94		30-150
Decachlorobiphenyl	99		30-150
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	102		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-06	Date Collected:	12/20/12 14:55
Client ID:	B-2 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 17:57	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.2	6.96	1
Aroclor 1221	ND		ug/kg	35.2	10.6	1
Aroclor 1232	ND		ug/kg	35.2	7.48	1
Aroclor 1242	ND		ug/kg	35.2	6.68	1
Aroclor 1248	ND		ug/kg	35.2	4.26	1
Aroclor 1254	ND		ug/kg	35.2	5.55	1
Aroclor 1262	ND		ug/kg	35.2	2.60	1
Aroclor 1268	ND		ug/kg	35.2	5.11	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	73		30-150
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	81		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-06	Date Collected:	12/20/12 14:55
Client ID:	B-2 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 17:57	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1260	344		ug/kg	35.2	6.11	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	73		30-150
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	81		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-07	Date Collected:	12/20/12 15:10
Client ID:	B-2 S-4 (6-8')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 18:09	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	83%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	38.5	7.60	1
Aroclor 1221	ND		ug/kg	38.5	11.6	1
Aroclor 1232	ND		ug/kg	38.5	8.17	1
Aroclor 1242	ND		ug/kg	38.5	7.30	1
Aroclor 1248	ND		ug/kg	38.5	4.65	1
Aroclor 1254	ND		ug/kg	38.5	6.06	1
Aroclor 1260	ND		ug/kg	38.5	6.68	1
Aroclor 1262	ND		ug/kg	38.5	2.84	1
Aroclor 1268	ND		ug/kg	38.5	5.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	91		30-150
Decachlorobiphenyl	95		30-150
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	101		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-08	Date Collected:	12/21/12 12:40
Client ID:	B-3 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 18:20	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.5	7.01	1
Aroclor 1221	ND		ug/kg	35.5	10.7	1
Aroclor 1232	ND		ug/kg	35.5	7.54	1
Aroclor 1242	ND		ug/kg	35.5	6.74	1
Aroclor 1248	ND		ug/kg	35.5	4.29	1
Aroclor 1262	ND		ug/kg	35.5	2.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	79		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-08	Date Collected:	12/21/12 12:40
Client ID:	B-3 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 18:20	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1254	7.84	J	ug/kg	35.5	5.60	1
Aroclor 1260	6.44	J	ug/kg	35.5	6.16	1
Aroclor 1268	ND		ug/kg	35.5	5.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	79		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-09	Date Collected:	12/21/12 14:00
Client ID:	B-3 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 18:32	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.3	7.36	1
Aroclor 1221	ND		ug/kg	37.3	11.2	1
Aroclor 1232	ND		ug/kg	37.3	7.92	1
Aroclor 1242	ND		ug/kg	37.3	7.07	1
Aroclor 1248	ND		ug/kg	37.3	4.51	1
Aroclor 1260	15.4	J	ug/kg	37.3	6.47	1
Aroclor 1262	ND		ug/kg	37.3	2.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		30-150
Decachlorobiphenyl	101		30-150
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	117		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-09	Date Collected:	12/21/12 14:00
Client ID:	B-3 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/24/12 10:51
Analytical Date:	12/27/12 18:32	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	12/27/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1254	17.4	J	ug/kg	37.3	5.88	1
Aroclor 1268	10.9	J	ug/kg	37.3	5.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		30-150
Decachlorobiphenyl	101		30-150
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	117		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/27/12 00:07
Analyst: SS

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 07:17
Cleanup Method1: EPA 3665A
Cleanup Date1: 12/24/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 12/24/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG581172-1					
Aroclor 1016	ND		ug/l	0.083	0.055
Aroclor 1221	ND		ug/l	0.083	0.053
Aroclor 1232	ND		ug/l	0.083	0.031
Aroclor 1242	ND		ug/l	0.083	0.060
Aroclor 1248	ND		ug/l	0.083	0.051
Aroclor 1254	ND		ug/l	0.083	0.034
Aroclor 1260	ND		ug/l	0.083	0.032
Aroclor 1262	ND		ug/l	0.083	0.029
Aroclor 1268	ND		ug/l	0.083	0.038

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	79		30-150
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	81		30-150

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/27/12 16:18
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 12/24/12 10:51
Cleanup Method1: EPA 3665A
Cleanup Date1: 12/27/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 12/27/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581188-1					
Aroclor 1016	ND		ug/kg	33.1	6.54
Aroclor 1221	ND		ug/kg	33.1	9.98
Aroclor 1232	ND		ug/kg	33.1	7.03
Aroclor 1242	ND		ug/kg	33.1	6.28
Aroclor 1248	ND		ug/kg	33.1	4.00
Aroclor 1254	ND		ug/kg	33.1	5.22
Aroclor 1260	ND		ug/kg	33.1	5.74
Aroclor 1262	ND		ug/kg	33.1	2.45
Aroclor 1268	ND		ug/kg	33.1	4.80

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	82		30-150
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	95		30-150

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581188-4 WG581188-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Aroclor 1016	ND	224	176	78		170	76		40-140	3		50
Aroclor 1260	6.44J	224	228	102		206	92		40-140	10		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	79		76		30-150
Decachlorobiphenyl	83		82		30-150
2,4,5,6-Tetrachloro-m-xylene	83		80		30-150
Decachlorobiphenyl	95		96		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04 Batch: WG581172-2 WG581172-3								
Aroclor 1016	85		88		40-140	4		50
Aroclor 1260	87		81		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		82		30-150
Decachlorobiphenyl	84		85		30-150
2,4,5,6-Tetrachloro-m-xylene	86		81		30-150
Decachlorobiphenyl	87		88		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581188-2 WG581188-3								
Aroclor 1016	82		91		40-140	10		50
Aroclor 1260	83		89		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	78		85		30-150
Decachlorobiphenyl	76		85		30-150
2,4,5,6-Tetrachloro-m-xylene	80		87		30-150
Decachlorobiphenyl	80		85		30-150

PESTICIDES

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-01	Date Collected:	12/20/12 10:30
Client ID:	FD01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 08:17	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.74	0.341	1
Lindane	ND		ug/kg	0.726	0.324	1
Alpha-BHC	ND		ug/kg	0.726	0.206	1
Beta-BHC	ND		ug/kg	1.74	0.661	1
Heptachlor	ND		ug/kg	0.871	0.391	1
Aldrin	ND		ug/kg	1.74	0.614	1
Heptachlor epoxide	ND		ug/kg	3.27	0.980	1
Endrin	ND		ug/kg	0.726	0.298	1
Endrin ketone	ND		ug/kg	1.74	0.449	1
Dieldrin	4.54		ug/kg	1.09	0.544	1
4,4'-DDE	ND		ug/kg	1.74	0.403	1
4,4'-DDD	ND		ug/kg	1.74	0.622	1
4,4'-DDT	2.76	JP	ug/kg	3.27	1.40	1
Endosulfan I	ND		ug/kg	1.74	0.412	1
Endosulfan II	ND		ug/kg	1.74	0.582	1
Endosulfan sulfate	ND		ug/kg	0.726	0.332	1
Methoxychlor	ND		ug/kg	3.27	1.02	1
Toxaphene	ND		ug/kg	32.7	9.15	1
cis-Chlordane	ND		ug/kg	2.18	0.607	1
trans-Chlordane	ND		ug/kg	2.18	0.575	1
Chlordane	ND		ug/kg	14.2	5.77	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	134		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-02	Date Collected:	12/20/12 11:50
Client ID:	B-1 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 08:30	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Lindane	ND		ug/kg	0.727	0.325	1
Alpha-BHC	ND		ug/kg	0.727	0.206	1
Beta-BHC	ND		ug/kg	1.74	0.661	1
Heptachlor	ND		ug/kg	0.872	0.391	1
Aldrin	ND		ug/kg	1.74	0.614	1
Heptachlor epoxide	ND		ug/kg	3.27	0.981	1
Endrin	ND		ug/kg	0.727	0.298	1
Endrin ketone	ND		ug/kg	1.74	0.449	1
Dieldrin	ND		ug/kg	1.09	0.545	1
4,4'-DDE	ND		ug/kg	1.74	0.403	1
4,4'-DDD	ND		ug/kg	1.74	0.622	1
4,4'-DDT	ND		ug/kg	3.27	1.40	1
Endosulfan I	ND		ug/kg	1.74	0.412	1
Endosulfan II	ND		ug/kg	1.74	0.583	1
Endosulfan sulfate	ND		ug/kg	0.727	0.332	1
Methoxychlor	ND		ug/kg	3.27	1.02	1
Toxaphene	ND		ug/kg	32.7	9.16	1
cis-Chlordane	ND		ug/kg	2.18	0.608	1
trans-Chlordane	ND		ug/kg	2.18	0.576	1
Chlordane	ND		ug/kg	14.2	5.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**165**	Q	30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-02	Date Collected:	12/20/12 11:50
Client ID:	B-1 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 08:30	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	3.30		ug/kg	1.74	0.342	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**165**	Q	30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-03	Date Collected:	12/20/12 12:00
Client ID:	B-1 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 13:36	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.96	0.383	1
Lindane	ND		ug/kg	0.816	0.364	1
Alpha-BHC	ND		ug/kg	0.816	0.232	1
Beta-BHC	ND		ug/kg	1.96	0.742	1
Heptachlor	ND		ug/kg	0.979	0.439	1
Aldrin	ND		ug/kg	1.96	0.689	1
Heptachlor epoxide	ND		ug/kg	3.67	1.10	1
Endrin	ND		ug/kg	0.816	0.334	1
Endrin ketone	ND		ug/kg	1.96	0.504	1
Dieldrin	ND		ug/kg	1.22	0.612	1
4,4'-DDE	ND		ug/kg	1.96	0.453	1
4,4'-DDD	ND		ug/kg	1.96	0.698	1
4,4'-DDT	ND		ug/kg	3.67	1.57	1
Endosulfan I	ND		ug/kg	1.96	0.462	1
Endosulfan II	ND		ug/kg	1.96	0.654	1
Endosulfan sulfate	ND		ug/kg	0.816	0.373	1
Methoxychlor	ND		ug/kg	3.67	1.14	1
Toxaphene	ND		ug/kg	36.7	10.3	1
cis-Chlordane	ND		ug/kg	2.45	0.682	1
trans-Chlordane	ND		ug/kg	2.45	0.646	1
Chlordane	ND		ug/kg	15.9	6.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**308**	Q	30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-04	Date Collected:	12/20/12 12:20
Client ID:	EB01	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	12/24/12 07:20
Analytical Date:	12/27/12 18:24	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-06	Date Collected:	12/20/12 14:55
Client ID:	B-2 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 08:56	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Heptachlor epoxide	1.86	JP	ug/kg	3.21	0.962	1
cis-Chlordane	0.926	JP	ug/kg	2.14	0.596	1
trans-Chlordane	1.90	JP	ug/kg	2.14	0.564	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-06	Date Collected:	12/20/12 14:55
Client ID:	B-2 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 08:56	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.71	0.335	1
Lindane	ND		ug/kg	0.713	0.318	1
Alpha-BHC	ND		ug/kg	0.713	0.202	1
Beta-BHC	ND		ug/kg	1.71	0.648	1
Heptachlor	ND		ug/kg	0.855	0.383	1
Aldrin	ND		ug/kg	1.71	0.602	1
Endrin	ND		ug/kg	0.713	0.292	1
Endrin ketone	ND		ug/kg	1.71	0.440	1
Dieldrin	ND		ug/kg	1.07	0.534	1
4,4'-DDE	5.27		ug/kg	1.71	0.396	1
4,4'-DDD	ND		ug/kg	1.71	0.610	1
4,4'-DDT	14.1	P	ug/kg	3.21	1.38	1
Endosulfan I	ND		ug/kg	1.71	0.404	1
Endosulfan II	ND		ug/kg	1.71	0.572	1
Endosulfan sulfate	ND		ug/kg	0.713	0.326	1
Methoxychlor	ND		ug/kg	3.21	0.998	1
Toxaphene	ND		ug/kg	32.1	8.98	1
Chlordane	24.5		ug/kg	13.9	5.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-07	Date Collected:	12/20/12 15:10
Client ID:	B-2 S-4 (6-8')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 09:09	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.84	0.361	1
Lindane	ND		ug/kg	0.767	0.343	1
Alpha-BHC	ND		ug/kg	0.767	0.218	1
Beta-BHC	ND		ug/kg	1.84	0.698	1
Heptachlor	ND		ug/kg	0.921	0.413	1
Aldrin	ND		ug/kg	1.84	0.648	1
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1
Endrin	ND		ug/kg	0.767	0.315	1
Endrin ketone	ND		ug/kg	1.84	0.474	1
Dieldrin	ND		ug/kg	1.15	0.576	1
4,4'-DDE	ND		ug/kg	1.84	0.426	1
4,4'-DDD	ND		ug/kg	1.84	0.657	1
4,4'-DDT	ND		ug/kg	3.45	1.48	1
Endosulfan I	ND		ug/kg	1.84	0.435	1
Endosulfan II	ND		ug/kg	1.84	0.615	1
Endosulfan sulfate	ND		ug/kg	0.767	0.351	1
Methoxychlor	ND		ug/kg	3.45	1.07	1
Toxaphene	ND		ug/kg	34.5	9.67	1
cis-Chlordane	ND		ug/kg	2.30	0.642	1
trans-Chlordane	ND		ug/kg	2.30	0.608	1
Chlordane	ND		ug/kg	15.0	6.10	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-08	Date Collected:	12/21/12 12:40
Client ID:	B-3 S-1 (0-2')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 09:21	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.70	0.333	1
Lindane	ND		ug/kg	0.709	0.317	1
Alpha-BHC	ND		ug/kg	0.709	0.201	1
Beta-BHC	ND		ug/kg	1.70	0.645	1
Heptachlor	ND		ug/kg	0.851	0.381	1
Aldrin	ND		ug/kg	1.70	0.599	1
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1
Endrin	ND		ug/kg	0.709	0.291	1
Endrin ketone	ND		ug/kg	1.70	0.438	1
Dieldrin	ND		ug/kg	1.06	0.532	1
4,4'-DDE	ND		ug/kg	1.70	0.393	1
4,4'-DDD	ND		ug/kg	1.70	0.607	1
4,4'-DDT	ND		ug/kg	3.19	1.37	1
Endosulfan I	ND		ug/kg	1.70	0.402	1
Endosulfan II	ND		ug/kg	1.70	0.568	1
Endosulfan sulfate	ND		ug/kg	0.709	0.324	1
Methoxychlor	ND		ug/kg	3.19	0.992	1
Toxaphene	ND		ug/kg	31.9	8.93	1
cis-Chlordane	ND		ug/kg	2.13	0.593	1
trans-Chlordane	ND		ug/kg	2.13	0.562	1
Chlordane	ND		ug/kg	13.8	5.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-09	Date Collected:	12/21/12 14:00
Client ID:	B-3 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 09:34	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endosulfan sulfate	1.64		ug/kg	0.737	0.337	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	130		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID:	L1223286-09	Date Collected:	12/21/12 14:00
Client ID:	B-3 S-5 (8-10')	Date Received:	12/21/12
Sample Location:	CASTLETON-ON-HUDSON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	12/24/12 10:44
Analytical Date:	12/31/12 09:34	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	12/28/12
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.77	0.346	1
Lindane	ND		ug/kg	0.737	0.330	1
Alpha-BHC	ND		ug/kg	0.737	0.209	1
Beta-BHC	ND		ug/kg	1.77	0.671	1
Heptachlor	ND		ug/kg	0.885	0.397	1
Aldrin	ND		ug/kg	1.77	0.623	1
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1
Endrin	ND		ug/kg	0.737	0.302	1
Endrin ketone	ND		ug/kg	1.77	0.456	1
Dieldrin	ND		ug/kg	1.11	0.553	1
4,4'-DDE	ND		ug/kg	1.77	0.409	1
4,4'-DDD	ND		ug/kg	1.77	0.631	1
4,4'-DDT	ND		ug/kg	3.32	1.42	1
Endosulfan I	ND		ug/kg	1.77	0.418	1
Endosulfan II	ND		ug/kg	1.77	0.591	1
Methoxychlor	ND		ug/kg	3.32	1.03	1
Toxaphene	ND		ug/kg	33.2	9.29	1
cis-Chlordane	ND		ug/kg	2.21	0.616	1
trans-Chlordane	ND		ug/kg	2.21	0.584	1
Chlordane	ND		ug/kg	14.4	5.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	130		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/12 17:08
Analyst: BW

Extraction Method: EPA 3510C
Extraction Date: 12/24/12 07:20
Cleanup Method1: EPA 3620B
Cleanup Date1: 12/26/12

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG581173-1					
Delta-BHC	ND		ug/l	0.020	0.005
Lindane	ND		ug/l	0.020	0.004
Alpha-BHC	ND		ug/l	0.020	0.004
Beta-BHC	ND		ug/l	0.020	0.006
Heptachlor	ND		ug/l	0.020	0.003
Aldrin	ND		ug/l	0.020	0.002
Heptachlor epoxide	ND		ug/l	0.020	0.004
Endrin	ND		ug/l	0.040	0.004
Endrin ketone	ND		ug/l	0.040	0.005
Dieldrin	ND		ug/l	0.040	0.004
4,4'-DDE	ND		ug/l	0.040	0.004
4,4'-DDD	ND		ug/l	0.040	0.005
4,4'-DDT	ND		ug/l	0.040	0.004
Endosulfan I	ND		ug/l	0.020	0.003
Endosulfan II	ND		ug/l	0.040	0.005
Endosulfan sulfate	ND		ug/l	0.040	0.005
Methoxychlor	ND		ug/l	0.200	0.007
Toxaphene	ND		ug/l	0.200	0.063
cis-Chlordane	ND		ug/l	0.020	0.007
trans-Chlordane	ND		ug/l	0.020	0.006
Chlordane	ND		ug/l	0.200	0.046

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: FORT ORANGE PAPER COMPANY
Lab Number: L1223286
Project Number: 12.2604
Report Date: 01/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/31/12 09:47
Analyst: BW

Extraction Method: EPA 3546
Extraction Date: 12/24/12 10:44
Cleanup Method1: EPA 3620B
Cleanup Date1: 12/28/12

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581187-1					
Delta-BHC	ND		ug/kg	1.59	0.312
Lindane	ND		ug/kg	0.663	0.296
Alpha-BHC	ND		ug/kg	0.663	0.188
Beta-BHC	ND		ug/kg	1.59	0.603
Heptachlor	ND		ug/kg	0.796	0.357
Aldrin	ND		ug/kg	1.59	0.560
Heptachlor epoxide	ND		ug/kg	2.98	0.895
Endrin	ND		ug/kg	0.663	0.272
Endrin ketone	ND		ug/kg	1.59	0.410
Dieldrin	ND		ug/kg	0.995	0.497
4,4'-DDE	ND		ug/kg	1.59	0.368
4,4'-DDD	ND		ug/kg	1.59	0.568
4,4'-DDT	ND		ug/kg	2.98	1.28
Endosulfan I	ND		ug/kg	1.59	0.376
Endosulfan II	ND		ug/kg	1.59	0.532
Endosulfan sulfate	ND		ug/kg	0.663	0.303
Methoxychlor	ND		ug/kg	2.98	0.928
Toxaphene	ND		ug/kg	29.8	8.36
cis-Chlordane	ND		ug/kg	1.99	0.554
trans-Chlordane	ND		ug/kg	1.99	0.525
Chlordane	ND		ug/kg	12.9	5.27

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	53		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG581173-2 WG581173-3								
Delta-BHC	86		67		30-150	**25**	Q	20
Lindane	87		74		30-150	16		20
Alpha-BHC	89		69		30-150	**25**	Q	20
Beta-BHC	86		72		30-150	18		20
Heptachlor	82		74		30-150	9		20
Aldrin	82		75		30-150	9		20
Heptachlor epoxide	90		75		30-150	17		20
Endrin	109		90		30-150	19		20
Endrin ketone	74		66		30-150	11		20
Dieldrin	99		82		30-150	18		20
4,4'-DDE	98		81		30-150	19		20
4,4'-DDD	94		79		30-150	17		20
4,4'-DDT	97		83		30-150	15		20
Endosulfan I	95		79		30-150	19		20
Endosulfan II	90		77		30-150	15		20
Endosulfan sulfate	82		76		30-150	7		20
Methoxychlor	95		88		30-150	8		20
cis-Chlordane	94		79		30-150	18		20
trans-Chlordane	110		94		30-150	16		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG581173-2 WG581173-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		69		30-150	A
Decachlorobiphenyl	53		40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		49		30-150	B
Decachlorobiphenyl	80		72		30-150	B

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581187-2 WG581187-3								
Delta-BHC	80		96		30-150	18		30
Lindane	95		101		30-150	6		30
Alpha-BHC	86		97		30-150	12		30
Beta-BHC	90		94		30-150	4		30
Heptachlor	97		103		30-150	6		30
Aldrin	99		103		30-150	4		30
Heptachlor epoxide	92		100		30-150	8		30
Endrin	111		113		30-150	2		30
Endrin ketone	73		78		30-150	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581187-2 WG581187-3								
Dieldrin	102		108		30-150	6		30
4,4'-DDE	99		106		30-150	7		30
4,4'-DDD	96		100		30-150	4		30
4,4'-DDT	97		104		30-150	7		30
Endosulfan I	99		105		30-150	6		30
Endosulfan II	93		97		30-150	4		30
Endosulfan sulfate	85		86		30-150	1		30
Methoxychlor	103		99		30-150	4		30
cis-Chlordane	98		104		30-150	6		30
trans-Chlordane	112		119		30-150	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		97		30-150	A
Decachlorobiphenyl	45		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		72		30-150	B
Decachlorobiphenyl	75		66		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581187-4 WG581187-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Delta-BHC	ND	35.9	37.2	104		41.1	115		30-150	10		50
Lindane	ND	35.9	36.1	101		44.8	125		30-150	22		50
Alpha-BHC	ND	35.9	45.4	126		56.0	**157**	Q	30-150	21		50
Beta-BHC	ND	35.9	31.1	87		37.7	105		30-150	19		50
Heptachlor	ND	35.9	38.6	107		45.5	127		30-150	16		50
Aldrin	ND	35.9	34.4	96		43.1	121		30-150	22		50
Heptachlor epoxide	ND	35.9	32.8	91		38.1	107		30-150	15		50
Endrin	ND	35.9	30.8	86		38.1	107		30-150	21		50
Endrin ketone	ND	35.9	25.9	72		28.4	79		30-150	9		50
Dieldrin	ND	35.9	27.4	76		32.8	92		30-150	18		50
4,4'-DDE	ND	35.9	20.5	57		24.9	70		30-150	19		50
4,4'-DDD	ND	35.9	25.1	70		30.3	85		30-150	19		50
4,4'-DDT	ND	35.9	38.4	107		40.4	113		30-150	5		50
Endosulfan I	ND	35.9	31.9	89		38.2	107		30-150	18		50
Endosulfan II	ND	35.9	25.2	70		29.9	84		30-150	17		50
Endosulfan sulfate	ND	35.9	17.8	50		19.8	55		30-150	11		50
Methoxychlor	ND	35.9	29.3	82		32.3	90		30-150	10		50
cis-Chlordane	ND	35.9	26.1	73		31.4	88		30-150	18		50
trans-Chlordane	ND	35.9	35.4	99		41.3	116		30-150	15		50

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581187-4 WG581187-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	*Column*
2,4,5,6-Tetrachloro-m-xylene	88		114		30-150	A
Decachlorobiphenyl	73		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	B
Decachlorobiphenyl	64		74		30-150	B

METALS

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-01 Date Collected: 12/20/12 10:30

Client ID: FD01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	8.7	1.7	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Antimony, Total	2.0	J	mg/kg	4.3	0.87	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Arsenic, Total	7.2		mg/kg	0.87	0.26	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Barium, Total	130		mg/kg	0.87	0.26	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Beryllium, Total	0.59		mg/kg	0.43	0.04	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Cadmium, Total	0.14	J	mg/kg	0.87	0.05	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Calcium, Total	39000		mg/kg	8.7	1.7	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Chromium, Total	14		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Cobalt, Total	8.5		mg/kg	1.7	0.43	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Copper, Total	43		mg/kg	0.87	0.43	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Iron, Total	20000		mg/kg	4.3	1.7	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Lead, Total	36		mg/kg	4.3	0.26	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Magnesium, Total	7500		mg/kg	8.7	3.5	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Manganese, Total	670		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Mercury, Total	0.22		mg/kg	0.09	0.02	1	01/01/13 06:50	01/01/13 08:26	EPA 7471B	1,7471B	KL
Nickel, Total	18		mg/kg	2.2	0.35	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Potassium, Total	1100		mg/kg	220	69.	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Selenium, Total	1.1	J	mg/kg	1.7	0.26	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Sodium, Total	230		mg/kg	170	69.	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.52	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Vanadium, Total	15		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG
Zinc, Total	80		mg/kg	4.3	0.43	2	12/27/12 08:33	12/28/12 11:06	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-02 Date Collected: 12/20/12 11:50

Client ID: B-1 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	8.6	1.7	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Antimony, Total	1.6	J	mg/kg	4.3	0.86	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Arsenic, Total	5.5		mg/kg	0.86	0.26	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Barium, Total	100		mg/kg	0.86	0.26	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Beryllium, Total	0.51		mg/kg	0.43	0.03	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Cadmium, Total	0.16	J	mg/kg	0.86	0.05	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Calcium, Total	37000		mg/kg	8.6	1.7	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Chromium, Total	12		mg/kg	0.86	0.17	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Cobalt, Total	7.8		mg/kg	1.7	0.43	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Copper, Total	24		mg/kg	0.86	0.43	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Iron, Total	18000		mg/kg	4.3	1.7	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Lead, Total	27		mg/kg	4.3	0.26	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Magnesium, Total	5800		mg/kg	8.6	3.4	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Manganese, Total	690		mg/kg	0.86	0.17	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Mercury, Total	0.28		mg/kg	0.07	0.02	1	01/01/13 06:50	01/01/13 08:28	EPA 7471B	1,7471B	KL
Nickel, Total	17		mg/kg	2.1	0.34	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Potassium, Total	970		mg/kg	210	69.	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Selenium, Total	0.89	J	mg/kg	1.7	0.26	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.86	0.17	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Sodium, Total	200		mg/kg	170	69.	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.52	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Vanadium, Total	14		mg/kg	0.86	0.17	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG
Zinc, Total	60		mg/kg	4.3	0.43	2	12/27/12 08:33	12/28/12 11:09	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-03 Date Collected: 12/20/12 12:00

Client ID: B-1 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	16000		mg/kg	10	2.0	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Antimony, Total	2.3	J	mg/kg	5.0	1.0	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Arsenic, Total	8.2		mg/kg	1.0	0.30	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Barium, Total	140		mg/kg	1.0	0.30	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Beryllium, Total	0.71		mg/kg	0.50	0.04	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	1.0	0.06	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Calcium, Total	2300		mg/kg	10	2.0	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Chromium, Total	18		mg/kg	1.0	0.20	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Cobalt, Total	11		mg/kg	2.0	0.50	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Copper, Total	22		mg/kg	1.0	0.50	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Iron, Total	28000		mg/kg	5.0	2.0	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Lead, Total	11		mg/kg	5.0	0.30	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Magnesium, Total	6200		mg/kg	10	4.0	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Manganese, Total	400		mg/kg	1.0	0.20	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Mercury, Total	0.03	J	mg/kg	0.10	0.02	1	01/01/13 06:50	01/01/13 08:30	EPA 7471B	1,7471B	KL
Nickel, Total	24		mg/kg	2.5	0.40	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Potassium, Total	1100		mg/kg	250	80.	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Selenium, Total	1.2	J	mg/kg	2.0	0.30	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	1.0	0.20	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Sodium, Total	180	J	mg/kg	200	80.	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	2.0	0.60	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Vanadium, Total	19		mg/kg	1.0	0.20	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG
Zinc, Total	67		mg/kg	5.0	0.50	2	12/27/12 08:33	12/28/12 11:11	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-04 Date Collected: 12/20/12 12:20

Client ID: EB01 Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.015		mg/l	0.010	0.002	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Antimony, Total	0.0006	J	mg/l	0.0010	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	0.0002	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Barium, Total	0.0005		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Cadmium, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Calcium, Total	0.049	J	mg/l	0.100	0.032	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Chromium, Total	0.0002	J	mg/l	0.0010	0.0002	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Copper, Total	0.0002	J	mg/l	0.0010	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Iron, Total	0.039	J	mg/l	0.050	0.013	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Lead, Total	ND		mg/l	0.0010	0.0002	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.023	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Manganese, Total	0.0013		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.0002	0.0001	1	12/27/12 13:50	12/27/12 17:11	EPA 7470A	1,7470A	JH
Nickel, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.027	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Selenium, Total	ND		mg/l	0.005	0.0003	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Sodium, Total	0.025	J	mg/l	0.100	0.015	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Thallium, Total	0.0003	J	mg/l	0.0010	0.00003	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Vanadium, Total	ND		mg/l	0.0050	0.0001	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK
Zinc, Total	0.0091	J	mg/l	0.0100	0.0012	1	12/27/12 08:48	12/28/12 13:20	EPA 3005A	1,6020A	AK

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-06 Date Collected: 12/20/12 14:55

Client ID: B-2 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	8.7	1.7	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Antimony, Total	2.2	J	mg/kg	4.3	0.87	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Arsenic, Total	8.1		mg/kg	0.87	0.26	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Barium, Total	100		mg/kg	0.87	0.26	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Beryllium, Total	0.53		mg/kg	0.43	0.04	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Cadmium, Total	0.14	J	mg/kg	0.87	0.05	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Calcium, Total	6000		mg/kg	8.7	1.7	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Chromium, Total	14		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Cobalt, Total	8.8		mg/kg	1.7	0.43	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Copper, Total	34		mg/kg	0.87	0.43	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Iron, Total	21000		mg/kg	4.3	1.7	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Lead, Total	43		mg/kg	4.3	0.26	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Magnesium, Total	5000		mg/kg	8.7	3.5	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Manganese, Total	500		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Mercury, Total	0.10		mg/kg	0.07	0.02	1	01/01/13 06:50	01/01/13 08:31	EPA 7471B	1,7471B	KL
Nickel, Total	20		mg/kg	2.2	0.35	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Potassium, Total	940		mg/kg	220	69.	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Selenium, Total	1.3	J	mg/kg	1.7	0.26	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Sodium, Total	170		mg/kg	170	69.	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.52	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Vanadium, Total	16		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG
Zinc, Total	75		mg/kg	4.3	0.43	2	12/27/12 08:33	12/28/12 11:14	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-07 Date Collected: 12/20/12 15:10

Client ID: B-2 S-4 (6-8') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	15000		mg/kg	9.2	1.8	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Antimony, Total	2.5	J	mg/kg	4.6	0.92	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Arsenic, Total	4.6		mg/kg	0.92	0.28	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Barium, Total	130		mg/kg	0.92	0.28	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Beryllium, Total	0.60		mg/kg	0.46	0.04	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.92	0.06	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Calcium, Total	1600		mg/kg	9.2	1.8	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Chromium, Total	16		mg/kg	0.92	0.18	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Cobalt, Total	10		mg/kg	1.8	0.46	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Copper, Total	19		mg/kg	0.92	0.46	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Iron, Total	27000		mg/kg	4.6	1.8	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Lead, Total	10		mg/kg	4.6	0.28	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Magnesium, Total	5900		mg/kg	9.2	3.7	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Manganese, Total	260		mg/kg	0.92	0.18	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Mercury, Total	0.02	J	mg/kg	0.09	0.02	1	01/01/13 06:50	01/01/13 08:33	EPA 7471B	1,7471B	KL
Nickel, Total	21		mg/kg	2.3	0.37	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Potassium, Total	1100		mg/kg	230	74.	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Selenium, Total	1.0	J	mg/kg	1.8	0.28	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.92	0.18	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Sodium, Total	190		mg/kg	180	74.	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.55	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Vanadium, Total	18		mg/kg	0.92	0.18	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG
Zinc, Total	60		mg/kg	4.6	0.46	2	12/27/12 08:33	12/28/12 11:16	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-08 Date Collected: 12/21/12 12:40

Client ID: B-3 S-1 (0-2') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	14000		mg/kg	8.4	1.7	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Antimony, Total	4.3		mg/kg	4.2	0.84	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Arsenic, Total	9.3		mg/kg	0.84	0.25	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Barium, Total	200		mg/kg	0.84	0.25	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Beryllium, Total	0.64		mg/kg	0.42	0.03	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Cadmium, Total	0.22	J	mg/kg	0.84	0.05	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Calcium, Total	17000		mg/kg	8.4	1.7	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Chromium, Total	20		mg/kg	0.84	0.17	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Cobalt, Total	11		mg/kg	1.7	0.42	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Copper, Total	82		mg/kg	0.84	0.42	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Iron, Total	26000		mg/kg	4.2	1.7	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Lead, Total	190		mg/kg	4.2	0.25	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Magnesium, Total	6500		mg/kg	8.4	3.4	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Manganese, Total	830		mg/kg	0.84	0.17	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Mercury, Total	0.74		mg/kg	0.09	0.02	1	01/01/13 06:50	01/01/13 08:35	EPA 7471B	1,7471B	KL
Nickel, Total	25		mg/kg	2.1	0.34	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Potassium, Total	1100		mg/kg	210	67.	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Selenium, Total	1.5	J	mg/kg	1.7	0.25	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Silver, Total	0.30	J	mg/kg	0.84	0.17	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Sodium, Total	180		mg/kg	170	67.	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.50	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Vanadium, Total	21		mg/kg	0.84	0.17	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG
Zinc, Total	250		mg/kg	4.2	0.42	2	12/27/12 08:33	12/28/12 09:59	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-09 Date Collected: 12/21/12 14:00

Client ID: B-3 S-5 (8-10') Date Received: 12/21/12

Sample Location: CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	15000		mg/kg	8.7	1.7	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Antimony, Total	5.2		mg/kg	4.4	0.87	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Arsenic, Total	9.8		mg/kg	0.87	0.26	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Barium, Total	160		mg/kg	0.87	0.26	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Beryllium, Total	0.79		mg/kg	0.44	0.04	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Cadmium, Total	0.08	J	mg/kg	0.87	0.05	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Calcium, Total	10000		mg/kg	8.7	1.7	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Chromium, Total	23		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Cobalt, Total	12		mg/kg	1.7	0.44	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Copper, Total	74		mg/kg	0.87	0.44	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Iron, Total	32000		mg/kg	4.4	1.7	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Lead, Total	94		mg/kg	4.4	0.26	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Magnesium, Total	5600		mg/kg	8.7	3.5	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Manganese, Total	620		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Mercury, Total	1.5		mg/kg	0.08	0.02	1	01/01/13 06:50	01/01/13 08:44	EPA 7471B	1,7471B	KL
Nickel, Total	29		mg/kg	2.2	0.35	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Potassium, Total	1700		mg/kg	220	70.	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Selenium, Total	1.6	J	mg/kg	1.7	0.26	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Silver, Total	0.23	J	mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Sodium, Total	350		mg/kg	170	70.	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.52	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Vanadium, Total	31		mg/kg	0.87	0.17	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG
Zinc, Total	140		mg/kg	4.4	0.44	2	12/27/12 08:33	12/28/12 10:09	EPA 3050B	1,6010C	MG

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581364-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.40	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.12	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.02	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.02	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Calcium, Total	ND		mg/kg	4.0	0.80	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.20	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Iron, Total	0.88	J	mg/kg	2.0	0.80	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.12	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	1.6	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Potassium, Total	ND		mg/kg	100	32.	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Sodium, Total	ND		mg/kg	80	32.	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.24	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.08	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.20	1	12/27/12 08:33	12/28/12 09:54	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04 Batch: WG581463-1										
Aluminum, Total	ND		mg/l	0.010	0.002	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Antimony, Total	0.0009	J	mg/l	0.0010	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	0.0002	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Barium, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Beryllium, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Cadmium, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Calcium, Total	ND		mg/l	0.100	0.032	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Chromium, Total	ND		mg/l	0.0010	0.0002	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Copper, Total	0.0001	J	mg/l	0.0010	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Iron, Total	ND		mg/l	0.050	0.013	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Lead, Total	ND		mg/l	0.0010	0.0002	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.023	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Manganese, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Nickel, Total	ND		mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.027	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Selenium, Total	ND		mg/l	0.005	0.0003	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Silver, Total	0.0002	J	mg/l	0.0005	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Sodium, Total	ND		mg/l	0.100	0.015	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Thallium, Total	ND		mg/l	0.0010	0.00003	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Vanadium, Total	ND		mg/l	0.0050	0.0001	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK
Zinc, Total	ND		mg/l	0.0100	0.0012	1	12/27/12 08:48	12/28/12 13:01	1,6020A	AK

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04 Batch: WG581548-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	12/27/12 13:50	12/27/12 16:59	1,7470A	JH

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03,06-09 Batch: WG582150-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/01/13 06:50	01/01/13 08:22	1,7471B	KL

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581364-2								
Aluminum, Total	106		-		75-125	-		
Antimony, Total	93		-		75-125	-		
Arsenic, Total	97		-		75-125	-		
Barium, Total	93		-		75-125	-		
Beryllium, Total	95		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Calcium, Total	93		-		75-125	-		
Chromium, Total	93		-		75-125	-		
Cobalt, Total	93		-		75-125	-		
Copper, Total	95		-		75-125	-		
Iron, Total	91		-		75-125	-		
Lead, Total	88		-		75-125	-		
Magnesium, Total	93		-		75-125	-		
Manganese, Total	90		-		75-125	-		
Nickel, Total	90		-		75-125	-		
Potassium, Total	89		-		75-125	-		
Selenium, Total	93		-		75-125	-		
Silver, Total	115		-		75-125	-		
Sodium, Total	98		-		75-125	-		
Thallium, Total	94		-		75-125	-		
Vanadium, Total	95		-		75-125	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581364-2					
Zinc, Total	90	-	75-125	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG581463-2					
Aluminum, Total	103	-	80-120	-	
Antimony, Total	94	-	80-120	-	
Arsenic, Total	105	-	80-120	-	
Barium, Total	94	-	80-120	-	
Beryllium, Total	112	-	80-120	-	
Cadmium, Total	109	-	80-120	-	
Calcium, Total	95	-	80-120	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	111	-	80-120	-	
Iron, Total	91	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	95	-	80-120	-	
Manganese, Total	95	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	106	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	89	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG581463-2					
Zinc, Total	112	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG581548-2					
Mercury, Total	85	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG582150-2 SRM Lot Number: 0518-10-02					
Mercury, Total	111	-	67-133	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581364-3 WG581364-4 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Aluminum, Total	14000	171	12000	**0**	Q	12000	**0**	Q	75-125	0		35
Antimony, Total	4.3	42.8	20	**37**	Q	20	**38**	Q	75-125	0		35
Arsenic, Total	9.3	10.3	19	94		20	108		75-125	5		35
Barium, Total	200	171	340	82		320	**73**	Q	75-125	6		35
Beryllium, Total	0.64	4.28	4.6	92		4.7	99		75-125	2		35
Cadmium, Total	0.22J	4.37	4.1	94		4.3	102		75-125	5		35
Calcium, Total	17000	856	16000	**0**	Q	14000	**0**	Q	75-125	13		35
Chromium, Total	20.	17.1	35	88		34	85		75-125	3		35
Cobalt, Total	11.	42.8	48	86		48	90		75-125	0		35
Copper, Total	82.	21.4	100	84		92	**48**	Q	75-125	8		35
Iron, Total	26000	85.6	23000	**0**	Q	23000	**0**	Q	75-125	0		35
Lead, Total	190	43.7	260	**160**	Q	180	**0**	Q	75-125	**36**	Q	35
Magnesium, Total	6500	856	6200	**0**	Q	6400	**0**	Q	75-125	3		35
Manganese, Total	830	42.8	600	**0**	Q	660	**0**	Q	75-125	10		35
Nickel, Total	25.	42.8	59	79		59	83		75-125	0		35
Potassium, Total	1100	856	1800	82		1800	85		75-125	0		35
Selenium, Total	1.5J	10.3	10	97		11	111		75-125	10		35
Silver, Total	0.30J	12.3	15	122		15	122		75-125	0		35
Sodium, Total	180	856	1100	107		1200	124		75-125	9		35
Thallium, Total	ND	10.3	9.5	92		9.8	99		75-125	3		35
Vanadium, Total	21.	42.8	58	86		59	92		75-125	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581364-3 WG581364-4 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')											
Zinc, Total	250	42.8	250	**0**	Q	230	**0**	Q	75-125	8	35

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG581463-4 QC Sample: L1223311-03 Client ID: MS Sample										
Aluminum, Total	0.013	2	2.07	103		-	-	80-120	-	20
Antimony, Total	0.0010	0.5	0.4714	94		-	-	80-120	-	20
Arsenic, Total	0.0006	0.12	0.1382	115		-	-	80-120	-	20
Barium, Total	0.0313	2	1.916	94		-	-	80-120	-	20
Beryllium, Total	ND	0.05	0.0524	105		-	-	80-120	-	20
Cadmium, Total	ND	0.051	0.0578	113		-	-	80-120	-	20
Calcium, Total	20.8	10	29.8	90		-	-	80-120	-	20
Chromium, Total	0.0003J	0.2	0.1885	94		-	-	80-120	-	20
Cobalt, Total	ND	0.5	0.4977	100		-	-	80-120	-	20
Copper, Total	0.0002J	0.25	0.2661	106		-	-	80-120	-	20
Iron, Total	0.078	1	1.07	99		-	-	80-120	-	20
Lead, Total	ND	0.51	0.4919	96		-	-	80-120	-	20
Magnesium, Total	3.04	10	12.3	93		-	-	80-120	-	20
Manganese, Total	0.0004J	0.5	0.4751	95		-	-	80-120	-	20
Nickel, Total	0.0001J	0.5	0.4741	95		-	-	80-120	-	20
Potassium, Total	1.36	10	12.5	111		-	-	80-120	-	20
Selenium, Total	ND	0.12	0.120	100		-	-	80-120	-	20
Silver, Total	ND	0.05	0.0528	106		-	-	80-120	-	20
Sodium, Total	25.0	10	31.9	**69**	Q	-	-	80-120	-	20
Thallium, Total	ND	0.12	0.1155	96		-	-	80-120	-	20
Vanadium, Total	0.0002J	0.5	0.4918	98		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG581463-4 QC Sample: L1223311-03 Client ID: MS Sample											
Zinc, Total	0.0053J	0.5	0.5655	113		-	-		80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG581548-4 QC Sample: L1223286-04 Client ID: EB01											
Mercury, Total	ND	0.001	0.0011	109		-	-		70-130	-	20
Total Metals - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG582150-3 WG582150-4 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')											
Mercury, Total	0.74	0.172	0.76	**12**	Q	1.0	**154**	Q	70-130	27	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG581463-3 QC Sample: L1223311-03 Client ID: DUP Sample						
Copper, Total	0.0002J	0.0002J	mg/l	NC		20
Manganese, Total	0.0004J	0.0004J	mg/l	NC		20
Nickel, Total	0.0001J	ND	mg/l	NC		20
Zinc, Total	0.0053J	0.0041J	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG581548-3 QC Sample: L1223286-04 Client ID: EB01						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-01
Client ID: FD01
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil

Date Collected: 12/20/12 10:30
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	1.0	0.24	1	12/26/12 11:17	12/27/12 16:26	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-02
Client ID: B-1 S-1 (0-2')
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil

Date Collected: 12/20/12 11:50
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	2.2	0.51	2	12/26/12 11:17	12/27/12 16:27	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-03
Client ID: B-1 S-5 (8-10')
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil
Date Collected: 12/20/12 12:00
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	1.2	0.28	1	12/26/12 11:17	12/27/12 16:01	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-04
Client ID: EB01
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Water

Date Collected: 12/20/12 12:20
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/26/12 11:17	12/27/12 15:58	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-06
Client ID: B-2 S-1 (0-2')
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil

Date Collected: 12/20/12 14:55
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	1.0	0.24	1	12/26/12 11:17	12/27/12 16:02	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-07
Client ID: B-2 S-4 (6-8')
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil
Date Collected: 12/20/12 15:10
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	1.1	0.26	1	12/26/12 11:17	12/27/12 16:02	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-08
Client ID: B-3 S-1 (0-2')
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil
Date Collected: 12/21/12 12:40
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	1.1	0.25	1	12/26/12 11:17	12/27/12 16:03	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604
Lab Number: L1223286
Report Date: 01/02/13

SAMPLE RESULTS

Lab ID: L1223286-09
Client ID: B-3 S-5 (8-10')
Sample Location: CASTLETON-ON-HUDSON, NY
Matrix: Soil
Date Collected: 12/21/12 14:00
Date Received: 12/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	12/27/12 16:58	30,2540G	ST
Cyanide, Total	ND		mg/kg	1.1	0.27	1	12/26/12 11:17	12/27/12 16:05	1,9010C/9012A	JO

Project Name: FORT ORANGE PAPER COMPANY **Lab Number:** L1223286

Project Number: 12.2604 **Report Date:** 01/02/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG581246-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/26/12 11:17	12/27/12 15:42	1,9010C/9012A	JO
General Chemistry - Westborough Lab for sample(s): 01-03,06-09 Batch: WG581250-1										
Cyanide, Total	ND		mg/kg	0.90	0.21	1	12/26/12 11:17	12/27/12 15:41	1,9010C/9012A	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY

Project Number: 12.2604

Lab Number: L1223286

Report Date: 01/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG581246-2 WG581246-3								
Cyanide, Total	106		106		80-120	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,06-09 Batch: WG581250-2 WG581250-3								
Cyanide, Total	103		102		80-120	1		35

Matrix Spike Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG581246-4 WG581246-5 QC Sample: L1223226-05 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.166	83		0.149	**74**	Q	80-120	11		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581250-4 WG581250-5 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')												
Cyanide, Total	ND	11	11	100		9.5	95		65-135	15		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,06-09 QC Batch ID: WG581632-1 QC Sample: L1223286-08 Client ID: B-3 S-1 (0-2')						
Solids, Total	91.	90	%	1		20

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/22/2012 00:30

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1223286-01A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-01B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-01C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-01D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)
L1223286-01E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-01F	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-02A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-02B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-02C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-02D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)
L1223286-02E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-02F	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1223286-03A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-03B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-03C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-03D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)
L1223286-03E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-03F	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-04A	Plastic 250ml NaOH preserved	A	>12	2.6	Y	Absent	TCN-9010(14)
L1223286-04B	Plastic 500ml HNO3 preserved	A	<2	2.6	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1223286-04C	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1223286-04D	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1223286-04E	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8081(7)
L1223286-04F	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8081(7)
L1223286-04G	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270-SIM(7)
L1223286-04H	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270-SIM(7)
L1223286-05A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1223286-05B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-05C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-06A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-06B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-06C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-06D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1223286-06E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-06F	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-07A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-07B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-07C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-07D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)
L1223286-07E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-07F	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-08A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	-
L1223286-08E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1223286-08F	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-08G	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1223286-08H	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-08I	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-08J	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)
L1223286-08K	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08L	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08M	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08N	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08O	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08P	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-08Y	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)
L1223286-08Z	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)
L1223286-09A	Vial MeOH preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-09B	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-09C	Vial water preserved	B	N/A	3.2	Y	Absent	NYTCL-8260HLW(14)
L1223286-09D	Plastic 2oz unpreserved for TS	B	N/A	3.2	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: FORT ORANGE PAPER COMPANY
Project Number: 12.2604

Lab Number: L1223286
Report Date: 01/02/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1223286-09E	Amber 250ml unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),NA-TI(180)
L1223286-09F	Amber 100ml unpreserved	B	N/A	3.2	Y	Absent	NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	FORT ORANGE PAPER COMPANY	**Lab Number:**	L1223286
Project Number:	12.2604	**Report Date:**	01/02/13

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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 five times (5x) 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.

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.

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 RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

Report Format: DU Report with "J" Qualifiers

Project Name:	FORT ORANGE PAPER COMPANY	**Lab Number:**	L1223286
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Data Qualifiers

due to obvious interference.

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

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.

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 Identified Compounds (TICs).

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

Report Format: DU Report with "J" Qualifiers

Project Name:	FORT ORANGE PAPER COMPANY	**Lab Number:**	L1223286
Project Number:	12.2604	**Report Date:**	01/02/13

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

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.

Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: 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-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C,

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 12/21/12

ALPHA Job #: L1223286

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: CT Male Associates
Address: 50 Century Hill Dr
Latham, NY 12110
Phone: 518-786-7400
Fax: 518-786-7299
Email: S.Bieber@ctmale.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Fort Orange Paper Company
Project Location: Castleton-On-Hudson, NY
Project #: 12.2604
Project Manager: Kirk Miller / Steve Bieber
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 12/27/13 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria
NYSDEC	ASP Category B data package

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC	TCL SVOC	TCL PCBs, Pests, T-CN	TAL Metals	Total Cyanide	TCL Pesticides	TCL PCBs	TAL Metals	TCL SVOC	Total Solids	Sample Specific Comments	TOTAL # BOTTLES
2328601	FD01	12/20/12	1030	Soil	SO	X	X	X						X			6
02	B-1 S-1 (0-2')		1150	soil	SO	X	X	X						X			6
03	B-1 - S-2 (8-10')		1200	soil	SO	X	X	X						X			6
04	EB01		1220	Water	SO				X	X	X	X	X				8
05	transport blank		0900	—	SO	X											3
06	B-2 S-1 (0-2')		1455	soil	SO	X	X	X						X			6
07	B-2 S-4 (6-8')	12/20/12	1510	soil	SO	X	X	X						X			6
08	B-3 S-1 (0-2')	12/21/12	1240	soil	SO	X	X	X						X		MS/MSD	18
09	B-3 S-5 (8-10')	12/21/12	1400	soil	SO	X	X	X						X			6
						X	X	X					50	X			
	Container Type					V	A	A	P	A	A	P	A	A			
	Preservative					F/O	A	A	E	A	A	C	A	A			

SAMPLE HANDLING

Filtration
☐ Done
☒ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
Kyle Cunningham	12/21/12 1570	Kyle Cunningham	12-21-12 2000
	12/21/12 2250	Richard Cotter	12/21/12 2250

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)