Superfund Records Center
SITE: Rogers Fibre Mill
BREAK: 2.3
OTHER: 668339

REMOVAL PROGRAM SAMPLING QUALITY ASSURANCE/ QUALITY CONTROL PLAN FOR THE ROGERS FIBRE MILL REMOVAL SITE BAR MILLS, MAINE

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
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CONTRACT NO. 68-W5-0009

TDD NO. 99-05-031

PCS NO. 7171

DC NO. R-2014

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February 2000

SEMS DocID 668339

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1.0 BACKGROUND

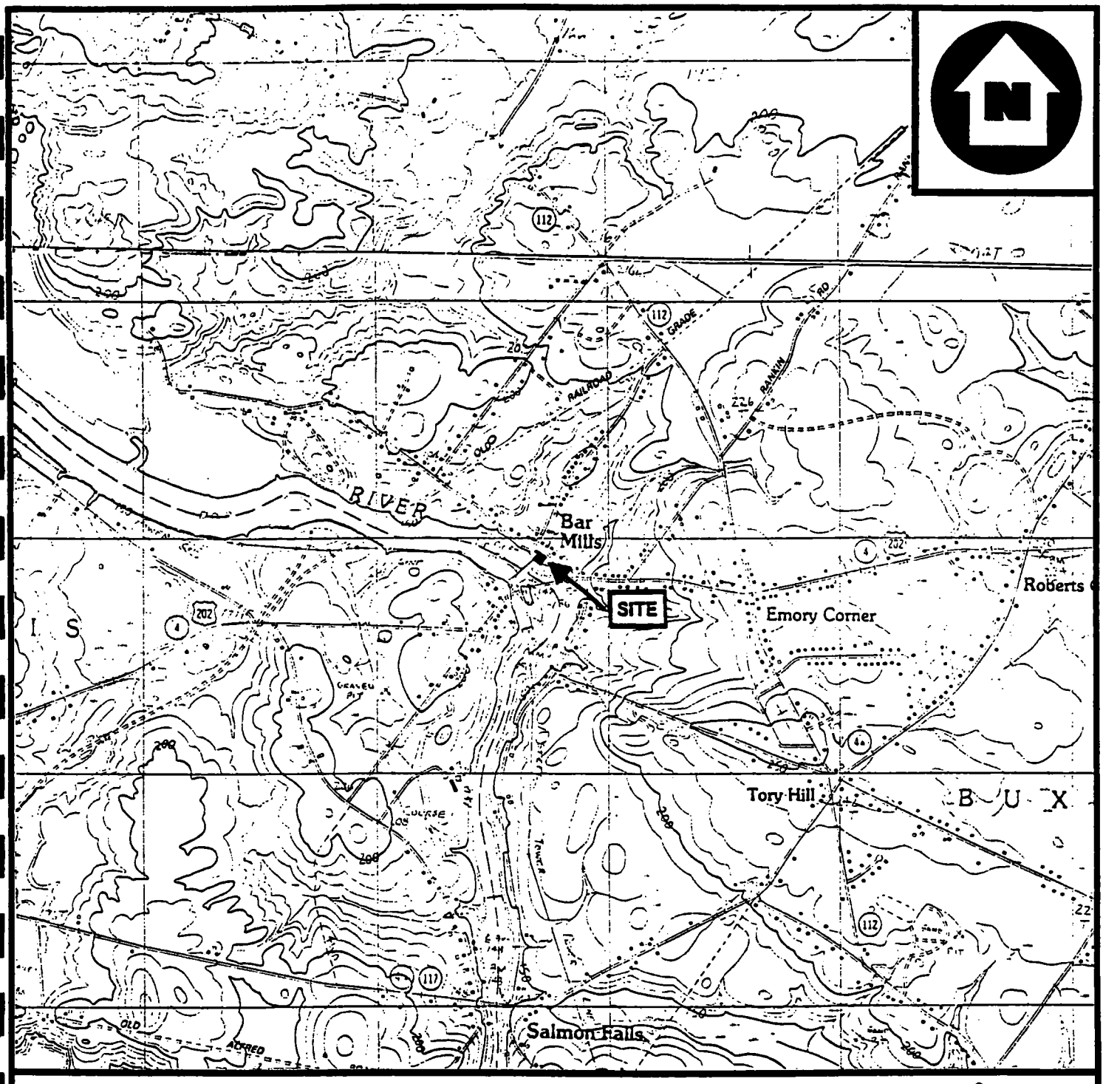
The Rogers Fibre Mill Site (the site) is an abandoned fiberboard mill complex located on Depot Street, Bar Mills, York County, Maine (see Figure 1 - Site Location Map). The site was used as a manufacturing facility of fiberboard products and other commercial and industrial uses from approximately 1917 to 1995, when it was abandoned. The site encompasses approximately 3 acres and consists of a single one- to three-story mill building which is bordered to the northeast by Depot Street; to the southeast by residential properties; to the southwest by the Saco River; and to the northwest by residential properties. The multi-level portions of the mill, which include an aging smokestack and water tank tower, are located at the southern half of the site. A large wooden portion of the mill located at the northern end of the facility is situated over a portion of the Saco River (see Figure 2 - Site Diagram). Portions of the building are in poor condition, with sections having collapsed either onto themselves or into the Saco River. The site is located in a rural area and the topography is generally flat, except along the southwest side of the site where the terrain slopes to meet the edge of the Saco River.

Rogers Fibre Company owned and operated the facility until 1967, when they merged with Colonial Board Company (CBC) and continued operations as CBC's Rogers Fibre Division. The manufacturing operations used during the facility's operation are unknown. Many areas of the mill are now vacant, but several 55-gallon drums and small containers with unknown substances are present. In addition, three rotating metal tanks ("digesters'), at least two with contents, were observed, as well as three small piles of asbestos-containing materials (ACM). Various manufacturing-related debris is also littered across some of the facility's floors.

On 18 August 1997, representatives of the U.S. Environmental Protection Agency (EPA), the Town of Buxton's Selectman's Office, the Buxton Fire Department, and U.S. Senator Olympia Snowe's office conducted an inspection of the site. Based on observations made during the site inspection, EPA determined that additional site activities, including drum and container sampling, would be required to further evaluate the potential threats posed by hazardous materials present at the site.

On 25 September 1997, EPA On-Scene Coordinator (OSC) Mary Ellen Stanton, and Roy F. Weston, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) personnel traveled to the site for the purposes of conducting a Removal Program preliminary assessment/site investigation (PA/SI). Buxton Fire Department Chief David Clark was also present. A brief walk-through of the facility was conducted and revealed the mill building to be in poor condition, with portions having collapsed either onto themselves or into the Saco River. Evidence of vandalism was also observed in a portion of the facility. A drum labeled "Sodium Aluminate" was noted in the northern section of Building No. 2. As part of the PA/SI, four asbestos samples and four product sample stations were selected, and samples were subsequently collected.

On 23 June 1998, EPA issued an Action Memorandum to authorize a removal action at the site; EPA and their contractors began mobilizing to the site on 6 July 1998 to begin removal of hazardous materials and demolition of the facility buildings.



BASE MAP IS A PORTION OF THE FOLLOWING 7.5 X 15' U.S.G.S. QUADRANGLES:
BAR MILLS (1983) and STANDISH (1983) MAINE, QUADRANGLE.

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

QUADRANGLE LOCATION

SITE LOCATION MAP

ROGERS FIBRE MILL SITE

DEPOT STREET

BAR MILLS, MAINE

WESTON®
MANAGERS DESIGNERS/CONSULTANTS

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

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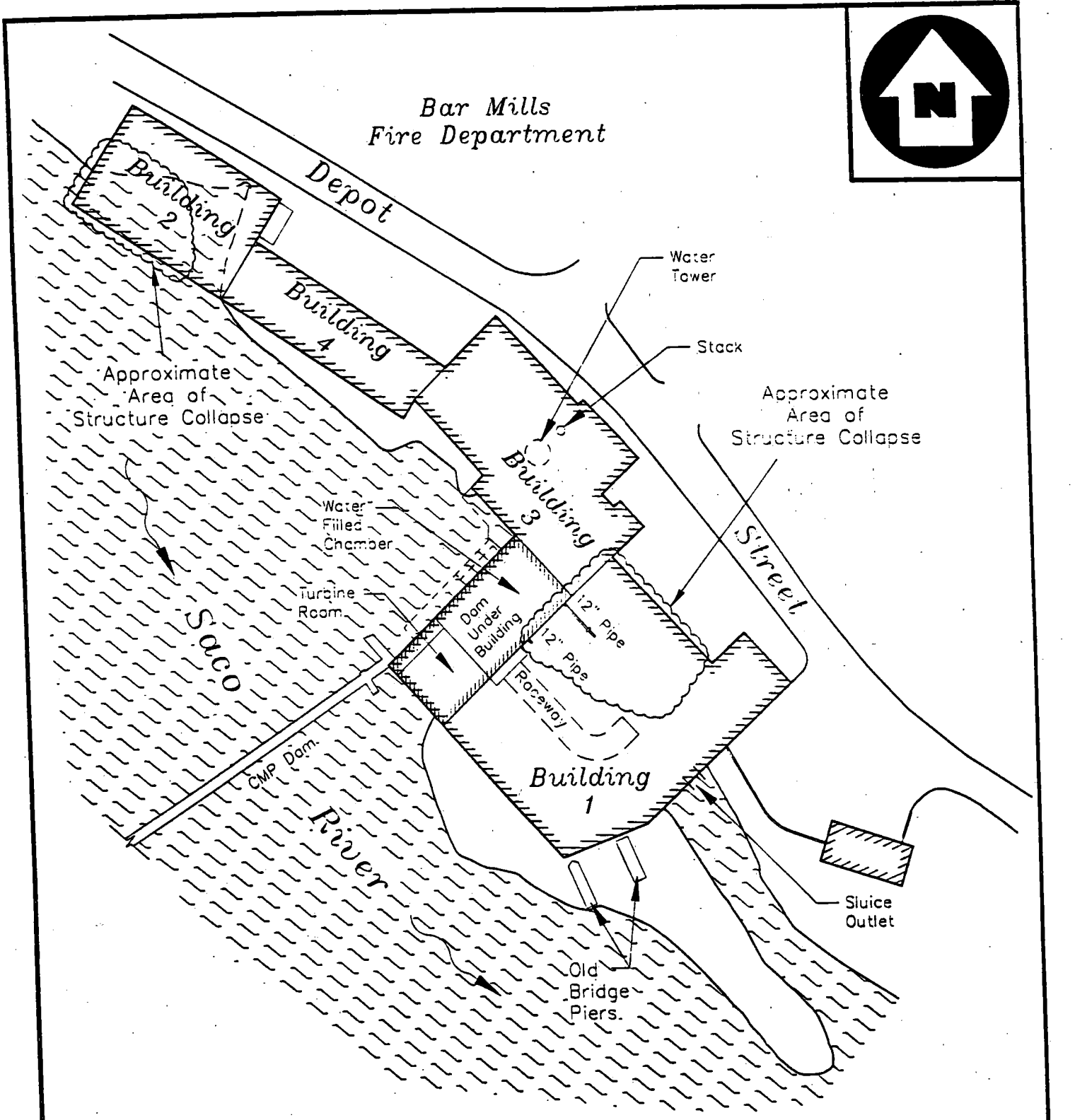
FILE NAME:	
R:\98050259\5276FIG1.DWG	FIGURE 1



Note:
Drawing based on "Rogers Plant Colonial Fiber Company", by H.I. & E.C. Jordan, dated April 30, 1970.

SITE SKETCH

ROGERS FIBER MILL
DEPOT STREET
BAR MILLS, MAINE

WESTON®
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98-05-0259	K.J.C./P.P.	SEP 98

FILE NAME: R:\98050259\DWG\ROGERS.DWG

FIGURE 2

2.0 OBJECTIVES

The objectives of the sampling surveys conducted at the ~~Rogers Fibre Mill removal~~ site are to obtain sufficient analytical data from a representative number of samples which may be used to develop removal project work plans, to determine whether the removal actions at the site are affecting the surrounding environment, and to determine if removal cleanup action levels have been obtained. The following is a list of sampling surveys that will be conducted:

- Initial Site Characterization
- Surface Water/River Sediment Characterization
- Building Demolition Air Monitoring
- Waste and Debris Disposal Characterization
- Soil and Sediment Disposal Characterization
- Surface Water and Water Effluent Characterization

3.0 DELIVERABLES

In addition to this sampling quality assurance/quality control (QA/QC) plan, an After Action Report documenting removal activities at the site will be generated by START. If samples are collected, copies of the chain-of-custody (COC) documentation will be included in Attachment I. COC documentation will include COC record(s), sampling cards, and Notice to the Laboratory forms regarding potential hazards of the samples. Sample locations are illustrated on field sketches contained in the site analytical file. If any modifications are made to the practices described in this sampling QA/QC plan, they will be documented in Attachment II to this report when the sampling is completed and the report is finalized.

4.0 QUALITY ASSURANCE LEVELS

The quality assurance (QA) level for the on-site screening/air monitoring activities will be QA1 or QA2, as detailed in Section 7.1 of this document. The QA levels are described in Section 2.7 of OSWER Directive 9360.4-01 (April 1990-Interim Final), *Quality Assurance/Quality Control Guidance for Removal Activities, Sampling QA/QC Plan and Data Validation Procedures, EPA/540/G-90/004* (OSWER). QA1 activities include the use of the following instrumentation/test equipment:

- Photoionization Detector Model HW-101 by HNU Systems, Inc. or MicroTip Model HL-2000 by Photovac International.

- OVA Flame Ionization Detector Model 128 by Foxboro or MicroFID I/S Model 77463 by Photovac International.

- Combustible Gas Indicator/Oxygen/Carbon Monoxide Meter Model 360.

- Radiation Meter, Micro R Meter, Model 19 by Ludlum.
- Personal Data RAM 1000 by MIE, Inc.
- Water Quality Meter, YSI Model 6920 By YSI.

QA2 activities include the use of the following instrumentation/test equipment:

- X-Ray Fluorescence Analyzer Model Spectrace 9000 by TN Technologies.
- Immuno Assay Kits for polynuclear aromatic hydrocarbon (PAH) by Envirogard.

Samples collected for laboratory analysis by a private laboratory procured by START will be analyzed using modified QA2 activities, employing definitive identification and definitive quantitation/analytical error verification requirements (see Section 7.3 - Laboratory Quality Assurance). The QA will also meet the requirements of the EPA *Region I Removal Program Branch Quality Assurance Project Plan* (QAPP), dated 29 September 1994. One performance evaluation (PE) sample will be used for each sample delivery group (SDG) for each parameter analyzed. The analytical methods requested will comply with the QAPP Attachment 5 - Standard Analytical Methods. The analytical data package will include documentation as described in the QAPP Attachment 1 - Laboratory Data Package Elements.

The samples collected for laboratory analysis by a private laboratory procured by the EPA Region I, Emergency Rapid Response Services (ERRS) contractor [formerly Emergency Response Cleanup Services (ERCS)] will meet the requirements of the EPA *Region I Removal Program Branch Quality Assurance Project Plan* (QAPP), dated 29 September 1994. The analytical methods requested will comply with the QAPP Attachment 5 - Standard Analytical Methods. The analytical data package will include documentation as described in the QAPP Attachment 1 - Laboratory Data Package Elements.

Some samples collected for laboratory analysis will also be analyzed at the EPA New England Regional Laboratory (NERL). One PE sample will be used for each SDG for each parameter analyzed. Samples may be identified using an internal classification designation (Screening, Region I Method, Standard Method, Drinking Water, etc.) which refers to the method of analysis being performed at NERL. These methods are generally used to analyze for high, medium, low, and very low levels of anticipated contamination, respectively. This classification system was instituted by the Emergency Planning and Response Branch (EPRB) and NERL on 26 July 1995.

See Section 7.0 for quality assurance requirements.

5.0 APPROACH AND SAMPLING METHODOLOGIES

The relative sampling protocols used to develop this sampling plan are described in a Roy F. Weston, Inc. draft inter-office memorandum, *Technical Assistance Team Sampling Protocols*, dated March 1992.

The sampling surveys will be conducted on an as-needed basis as part of a removal action. Air monitoring and/or visual observation will be used to determine the location and number of samples to be collected. EPA COC procedures will be utilized for all sampling activities. Samples will be disposed of by the laboratory performing the analyses.

5.1 Initial Site Characterization

Sixteen samples will be collected from various media and will be tested for asbestos. The different media include sediment, bulk, and source. The samples will be containerized, preserved, and analyzed in accordance with Table 1A. For additional information, see Attachment I for COC documentation.

Fourteen samples will be collected from wood, concrete, and sediments which will be analyzed for semivolatile organic compounds (SVOCs), total metals, and pesticides. The samples will be containerized, preserved, and analyzed in accordance with Table 1A. For additional information, see Attachment I for COC documentation.

Three grab samples will be collected from paper pulp found in the buildings. The samples will be analyzed for SVOCs, volatile organic compounds (VOCs), total metals, polychlorinated biphenyls (PCBs), and pesticides. The samples will be containerized, preserved, and analyzed in accordance with Table 1A. For additional information, see Attachment I for COC documentation.

Eight air samples will be collected to determine background levels of asbestos. The samples will be containerized and analyzed in accordance with Table 1A. For additional information, see Attachment I for COC documentation.

Twenty-two samples will be collected from solids, debris, soil, and sediments found on the property. The samples will be analyzed for SVOCs, PCBs, pesticides, Resource Conservation and Recovery Act (RCRA) metals, including copper (Cu), nickel (Ni), and zinc (Zn), and toxicity characteristic leachate procedure (TCLP) metals and TCLP SVOCs. In addition, two paint chip samples were collected from the sliding doors for RCRA metals (plus Cu, Ni, and Zn) and TCLP metals. The two paint chip samples will be containerized, preserved, and analyzed in accordance with Table 1A. For additional information, see Attachment I for COC documentation.

5.1.1 Asbestos Sampling

The number of asbestos samples and the sample locations will be determined by the EPA OSC. Samples for suspected ACM analysis will be collected from, but not limited to, either pipe and/or boiler insulation.

TABLE 1A

INITIAL SITE CHARACTERIZATION
SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES
ROGERS FIBER MILL SITE
BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (type, volume, container)*	*TOTAL NO. CONTAINERS*
Building Materials	2	Asbestos	2 oz.	4 oz. amber glass	Ice	Standard Method	None	None	2
Source/ Bulk	14	Asbestos	2 oz.	4 or 8 oz. amber glass	Ice	Standard Method	None	None	14
Wood/ Floor Sediments	4	SVOC	8 oz.	8 oz. amber glass	Ice	8270	14 days/extract 40 days/analyze	PE Rinsate Blank	6
Wood/ Concrete/ Sediments	8	RCRA Metals	4 oz.	8 oz. amber glass	Ice	Hg - 7470 7000-7950	Hg 28 days, all others 6 months	MS/Dup PE Rinsate Blank - HNO3 pH<2	11
Wood	6	Pesticides	8 oz.	8 oz. amber glass	Ice	Method 8080	14 days/extract 40 days/analyze	MS/MSD PE Rinsate Blank	9
Paper Pulp	3	SVOC	8 oz.	8 oz. amber glass	Ice	8270	14 days/extract 40 days/analyze	MS/MSD* PE	4
Paper Pulp	3	VOC	4 oz.	2 - 2 oz. VOA jar	Ice	8260	14 days	MS/MSD* PE Trip Blank (3-40ml)	10
Paper Pulp	3	Total Metals	4 oz.	8 oz. amber glass	Ice	6010 or 7000	Hg 28 days, all others 6 months	MS/Dup* PE	4
Paper Pulp	3	PCB/ Pesticides	8 oz.	8 oz. amber glass	Ice	Method 8081	14 days/extract 40 days/analyze	MS/MSD* PE - PCBs PE - Pesticides	5

TABLE 1A (CONTINUED)

INITIAL SITE CHARACTERIZATION
SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES
ROGERS FIBER MILL SITE
BAR MILLS, MAINE

MATRIX	SUBTOTAL NO. SAMPLES	ANALYTICAL PARAMETER	VOLUME	CONTAINER	PRESER-VATIVE	METHOD	HOLDING TIME	QA/QC SAMPLES (type, volume, container)	TOTAL NO. CONTAINERS
Air	8	Asbestos	100 L 1000 L	Filter Cassette	None	NIOSH 7400	None	1 Blank Cassette	9
Solids/ Debris/ Sediments	22	SVOC	8 oz. or 16 oz.	8 oz. amber or 16 oz. clear glass	Ice	8270	14 days to extract 40 days to analyze	3 MS/MSD 3 PE (aqueous)	28
Solids/ Debris/ Sediments	22	PCB/ Pesticides	8 oz. or 16 oz.	8 oz. amber or 16 oz. clear glass	Ice	8081	14 days to extract 40 days to analyze	3 MS/MSD 3 PE - PCBs (soil) 3 PE - Pesticides (aqueous)	see note (1)
Solids/ Debris/ Sediments	22	TCLP SVOC	8 oz. or 16 oz.	8 oz. amber or 16 oz. clear glass	Ice	TCLP	14 days to extract 40 days to analyze	3 MS/MSD	see note (1)
Solids/ Debris/ Sediments	22	RCRA Metals plus Cu, Ni, & Zn	8 oz. or 16 oz.	8 oz. amber or 16 oz. clear glass	Ice	6010 or 7000	Hg 28 days, all others 6 months	3 MS/Dup 3 PE (soil)	see note (1)
Solids/ Debris/ Sediments	22	TCLP Metals	8 oz. or 16 oz.	8 oz. amber or 16 oz. clear glass	Ice	TCLP	14 days to extract Hg 28 days, all others 6 months	See Note (2)	see note (1)
Paint Chips	2	RCRA Metals plus Cu, Ni, & Zn	40 ml	40 ml vials	Ice	6010 or 7000	Hg 28 days, all others 6 months	See Note (2)	2

TABLE 1A (CONCLUDED)

INITIAL SITE CHARACTERIZATION
SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES
ROGERS FIBER MILL SITE
BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (type, volume, container)*	*TOTAL NO. CONTAINERS*
Paint Chips	2	TCLP Metals	40 ml	40 ml vials	Ice	TCLP	14 days to extract Hg 28 days, all others 6 months	See Note (2)	2

Notes: (1) SVOCs, PCBs, TCLP SVOCs, RCRA Metals, and TCLP Metals were collected in the same jar.
(2) See Solids/Debris/Sediments and RCRA Metals for QA/QC Samples.
* No additional volume required for MS/MSD or MS/DUP.

oz.	ounce
ml	milliL
SVOCs	semivolatile organic compounds
Hg	mercury
PCBs	polychlorinated biphenyls
VOC	volatile organic compounds
TCLP	Toxicity characteristic leachate procedure
NO.	Number

MS/DUP	matrix spike/duplicate
MS/MSD	matrix spike/matrix spike duplicate
PE	performance evaluation sample
RCRA	Resource Conservation and Recovery Act
L	Liter
NIOSH	Nat'l Institute for Occupational Safety and Health
QA/QC	Quality Assurance/Quality Control
HNO3	Nitric Acid

Prior to any ACM sample collection, the floor area below the sample area will be covered with polyethylene sheeting or an effective containment system will be utilized to prevent suspected ACM from being spread throughout the site.

Sample Collection Procedure for Asbestos Sampling: The area of sample collection is then thoroughly wetted down with a water mist sprayer. Samples are collected by carefully removing a small amount of the suspected ACM from the collection area with a clean or dedicated ACM sampling knife. Care shall be taken to assure that all of the layers of material to be sampled are penetrated, while also being careful not to disrupt and/or dislodge any more material than is necessary. The sample will then be moistened with water and placed into the appropriate labeled glass containers (preferably wide-mouthed) with Teflon-lined lids large enough to contain the sample. The outside of the container is then wet wiped using water and a paper towel and placed inside of a clean resealable plastic bag.

The sample collection area should then be sealed by spraying the area with an acrylic or adhesive coating. The application of the sealer will minimize the potential of any subsequent fiber release. All sample collection materials will then be wiped or rinsed clean of any suspected ACM and stored, for future use, in a resealable plastic bag marked "For Asbestos Sampling Only".

5.1.2 Solids/Debris Sampling

Solids/Debris sampling also includes wood, concrete, paper pulp, and paint chips. The number of solids/debris samples and the sample locations will be determined by the OSC. Surface samples (0-3 inches depth) will be collected over a surface area of 1 square-foot per sample station. The area will be prepared for sampling by carefully removing extraneous material from the top layer of the solids/debris.

Sample Collection Procedures for Solids/Debris Samples (except VOC samples): Samples will be collected using disposable scoops and placed directly into the appropriate labeled glass containers (preferably wide-mouthed) with Teflon-lined lids. Large solid samples will be broken apart or pulverized. Containers will be filled half full. The cap(s) will then be secured tightly on the container(s). Samples will be preserved by immediately placing on ice.

- VOC Sampling: The proper collection of a sample for VOC analysis requires minimal disturbance of the sample and minimal headspace in the sample container to minimize volatilization and prevent loss of volatile compounds from the sample. Samples collected for VOC analysis will **not** be homogenized due to the potential loss of the target compounds. Solids/Debris will be placed directly into appropriate size, prelabelled glass sample container(s). The sample container(s) will be filled completely and the solids/debris/sediment packed well to minimize air space in the container(s). The cap(s) will then be secured tightly, the container placed into a separate resealable plastic bag, and the sample will be preserved by immediately placing container(s) in a cooler with ice.

One trip blank sample (organic-free water) will be collected prior to the sampling event. The glass sample container(s) used for the trip blank sample will be from the same lot as the corresponding sample vials (if volatile organic analysis (VOA) vials are used for the field samples). Each bottle of the trip blank sample will be preserved with one drop of 1:1 hydrochloric acid (HCl) per 20 milliliter (ml) of sample. The trip blank sample will be tested with pH paper to confirm that the pH is < 2. If not, additional HCl will be added until the pH is < 2. The trip blank sample will be handled in the same fashion as the samples collected in the field. The trip blank sample will be placed in a resealable plastic bag, transported to the field with the empty sample containers, and returned to the laboratory in the same cooler as the VOC field samples. (Note: One trip blank is required per sample cooler).

Compositing Samples

Compositing samples can be a useful technique to provide an average concentration of contaminants over a certain number of sampling points, which reduces both the number of required laboratory analyses and the sample variability. Compositing is **not** recommended where volatile compounds are of concern. Compositing dilutes high concentration aliquots; therefore, detection limits should be considered carefully when choosing the number of aliquots to composite (the compositing factor). The compositing factor (3 to 1; 4 to 1; or 5 to 1) and the aliquots selected will be determined by the site inspection (SI)/OSC and will be documented on the chain-of-custody documentation (e.g., composite, sampling stations 1 - 4).

Compositing requires that each discrete aliquot be the same in terms of volume or weight, and that the aliquots be thoroughly homogenized. The detection limit of the analysis to be performed and the selected action level must be considered when choosing a compositing factor. If the chosen action level is 10 parts per million (ppm) in the solids/debris and five aliquots are composited, then the action limit of the composite is 10 ppm divided by five, or 2 ppm. The detection limit of the analysis must be 2 ppm or lower in order to determine if the action limit has been exceeded in any one aliquot.

Manually homogenize aliquots of equal volume or weight using a stainless steel scoop and a stainless steel bucket or use a disposable scoop and pan. Quarter and split the sample approximately five times or until the sample is thoroughly homogenized. Place the sample into the appropriate, labelled glass container for each analyses to be performed, as described above.

5.1.3 Air Monitoring

For information regarding air monitoring, refer to the *Health and Safety Plan for the Rogers Fibre Mill Removal Site Bar Mills, York County, Maine* and the *Air Monitoring Program for the Rogers Fibre Mill Site Bar Mills, York County, Maine* for additional information. Also refer to Section 5.3 Air Monitoring of this sampling QA/QC Plan.

5.1.4 Surface Soil/Sediment Sampling

The number of surface soil/sediment samples and the sample locations will be determined by the EPA OSC. Surface soil/sediment samples will be collected from a 0- to 3-inch depth, over a surface area of 1 square-foot (ft^2) per sample station. Prior to any sample collection, any extraneous material considered to be not relevant for sample analysis will be removed from the top layer of the sample area.

To increase the data reliability and reproducibility, it is desirable to manually homogenize the soil/sediment sample area prior to sample collection (except when collecting samples for VOCs). It is preferable to homogenize surface soil/sediment samples in situ. A dedicated sampling spatula will be used to collect the sample material and place it into the appropriate sample container (preferably a wide-mouth container). Dedicated spatulas are used to prevent the possibility of cross-contamination between sample stations as well as eliminating the need for any decontamination procedures. The container cap will then be secured and the sample will be preserved by immediately placing container in a cooler with ice.

Sample Collection Procedures for Soil\Sediment Samples (except VOC samples): Samples will be collected using disposable scoops and placed directly into the appropriate labeled glass containers (preferably wide-mouthed) with Teflon-lined lids. Containers will be filled half full. The cap(s) will then be secured tightly on the container(s). Samples will be preserved by immediately placing on ice.

- VOC Sampling: Refer to Section 5.1.2 and VOC sampling.

Compositing Samples

Compositing is **not** recommended when/where VOCs are the contaminants of concern. Homogenization will result in the potential loss of the target compounds.

Refer to section 5.1.2 and Compositing samples.

Rinsate (Equipment) Blanks

Refer to Section 5.8 and Generation of Rinsate (Equipment) Blanks.

5.2 Surface Water/River Sediment Characterization

Ten samples will be collected from surface water and sediment of the Saco River prior to and following removal actions. The surface water samples will be analyzed for asbestos, SVOCs, VOCs, PCBs, pesticides, total metals, dissolved metals, and cyanide. The sediment samples will be analyzed for the same parameters (except dissolved metals) as well as total organic carbon (TOC), acid volatile sulfide (AVS), and simultaneously extracted metals (SEM). The samples will be containerized, preserved, and analyzed in accordance with Table 1B.

5.2.1 Surface Water Sampling

Ten surface water samples will be collected. For streams, rivers, lakes, and other surface waters, the direct method may be utilized to collect water samples from the surface. This method is not to be used for sampling lagoons or other impoundments where contact with contaminants is a concern. The direct method may also be used when collecting samples from outfall pipes where effluent flow is sufficiently low to avoid exposure from splashing. A peristaltic pump may be used to collect surface water samples from locations where direct access is limited.

It is not expected that surface water samples will contain free chlorine, unless they are treated effluent samples or are collected near the outfall of a treated water effluent. If chlorination is suspected, test the water for free chlorine by adding one Diethyl-p-phenylene diamine (DPD) free chlorine reagent powder pillow to approximately 5 ml of sample, mix and wait approximately 1 to 2 minutes (low water temperatures slow the reaction rate). Free chlorine is indicated by a pink color. Color that develops after more time has elapsed is likely due to other oxidizers present in the sample reacting with the DPD reagent and may be disregarded. If an alternate field test is used to test for free chlorine, follow manufacturer's directions. When collecting samples for VOC, base neutral acid (BNA) or cyanide analyses, samples that test positive for residual chlorine will require treatment with a reducing agent before sample preservation.

Sample Collection Procedures for Direct Surface Water Sampling: The sampling station will be accessed by appropriate means. For shallow stream stations, the sample will be collected under the water surface pointing the prelabelled sample container upstream. See Table 1B for selection of the appropriate container. The container must be upstream of the collector. The sampler(s) will avoid disturbing the substrate. For lakes and other impoundments, the sample will be collected under the water surface avoiding surface debris, any boat wakes, and contact with the sampler's gloves.

When using the direct method, do not use pre-preserved sample bottles, as the collection method may dilute the concentration of the preservative necessary for proper sample preservation. Specific preservation methods for each analytical parameter are presented below.

TABLE 1B

SURFACE WATER/RIVER SEDIMENT CHARACTERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES (1)*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (type, volume, container)*	*TOTAL NO. CONTAINERS*
River Sediment	10	VOC	4 oz.	2 - 2 oz. VOA jar	Ice no headspace	524.2 modified or CLP modified	14 days	Trip/Rinsate Blank (6-40 ml ea.) MS/MSD/DUP (8-2 oz.) 2 PEs (aqueous)	42
River Sediment	10	SVOC	8 oz.	8 oz. amber glass	Ice	CLP OLMO3.2	14 days to extract 40 days to analyze	Rinsate Blank (4-1 L) MS/MSD/DUP (4-8 oz.) 2 PEs (aqueous)	20
River Sediment	10	PCB/ Pesticides	8 oz.	8 oz. amber glass	Ice	CLP OLMO3.2	14 days to extract 40 days to analyze	Rinsate Blank (4-1 L) MS/MSD/DUP (4-8 oz.) 4 PEs (PCBs and Pesticides)	22
River Sediment	10	Total Metals Cyanide	8 oz.	8 oz. amber glass	Ice	CLP ILMO4.0	Hg 28 days, all others 6 months Cn - 14 days	Rinsate Blank (4-1 L) MS/MSD/DUP (4-8 oz.) 4 PEs (Metals and Cyanide)	22
River Sediment	10	Asbestos	4 oz.	4 oz. Wide-mouth Jar	None	Bulk Asbestos Analysis PLM 600/R-93/116	None	Laboratory Duplicate*	10
River Sediment	10	TOC AVS/SEM	4 oz.	4 oz. glass	Ice no headspace	415.1 modified Draft AVS/SEM April 1991	28 days AVS/SEM - 14 days	2 MS/MSD/DUP	12
Surface Water	10	VOC	190 ml	1 - 40 ml vials 2 - 125 ml vials	HCl pH < 2	524.2	14 days	MS/MSD/DUP (12 vials) See Note (2)	42
Surface Water	10	SVOC	2 L	2 - 1 L amber glass	Ice	CLP OLMO3.2	7 days to extract 40 days to analyze	MS/MSD/DUP (8-1 L) See Note (2)	28
Surface Water	10	PCB/Pesticide	2 L	2 - 1L amber glass	Ice	CLP OLMO3.2	7 days to extract 40 days to analyze	MS/MSD/DUP (8-1 L) See Note (2)	28

TABLE 1B

SURFACE WATER/RIVER SEDIMENT CHARACTERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES (1)*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (type, volume, container)*	*TOTAL NO. CONTAINERS*
Surface Water	10	Total Metals	1 L	1 L Plastic Bottle	HNO3 pH < 2	CLP ILMO4.0	Hg 28 days, all others 6 months	2 MS/MSD/DUP 2 PEs (aqueous)	14
Surface Water	10	Dissolved Metals	1 L	2 - 1 L Plastic Bottle (3)	HNO3 pH < 2	CLP ILMO4.0	Hg 28 days, all others 6 months	2 MS/MSD/DUP	12
Surface Water	10	Asbestos	2 L	2 - 1 L Plastic Bottle	None	100.1 or 100.2	48 hour	Laboratory Duplicate (4-1 L)	24
Surface Water	10	Cyanide	1 L	1 L Plastic Bottle	NaOH pH > 12	CLP OLMO3.2	14 days	2 MS/MSD/DUP See Note (2)	12

Notes:
(1) - Two rounds of sampling (pre- and post-removal) are planned for this sampling event.
(2) - PEs included with the QA/QC samples for river sediment analysis.
(3) - First container is used to collect sample, second container is for filtered sample.
* No additional volume required for Laboratory Duplicate.

oz.	ounce
ml	milliliter
SVOCs	semivolatile organic compounds
PCBs	polychlorinated biphenyls
AVS	acid volatile sulfide
HCl	hydrochloric acid
TOC	total organic carbon
VOC	volatile organic compounds
NaOH	Sodium Hydroxide
No.	Number
QA/QC	Quality Assurance/Quality Control
VOA	volatile organic analysis

MS/DUP	matrix spike/duplicate
MS/MSD	matrix spike/matrix spike duplicate
PE	performance evaluation sample
L	liter
SEM	simultaneously extracted metals
HNO3	nitric acid
CLP	contract laboratory procedure
Hg	Mercury
PLM	Polarized light microscopy
ea.	each

R:\98050259\QAQC\TABLE1B.WK4

Sample Collection Procedures for Peristaltic Pump Surface Water Sampling: Assemble the pump device according to manufacturer's instructions using dedicated polyethylene tubing. Place the collection end of the tubing at the sample location and collect directly into the appropriate, prelabelled sample container(s).

When using the peristaltic pump method, dedicate the tubing to each sampling station to avoid cross-contamination of samples. Specific preservation methods for each analytical parameter are presented below.

- VOC Sampling: The proper collection of a sample for VOC analysis requires minimal disturbance of the sample to limit volatilization, and therefore prevent loss of volatiles from the sample. VOA bottles will not be filled or preserved near a running motor or any type of exhaust system due to possible contamination by discharges, fumes, or vapors. If the sample has tested positive for free chlorine, treat and preserve the sample. If requesting NERL Screening or Quick Turnaround analysis, collect three 40-ml VOA vials for each sampling location.

  1) Each sample bottle will be filled just to overflowing (forming a convex meniscus) in such a manner that no air bubbles pass through the sample as the bottle is being filled.
  2) The pH will be adjusted to <2 by carefully adding one drop of 1:1 HCl (6N HCl) for each 20 ml of sample volume [two drops for each 40-ml VOA vial].
  3) The bottle will be sealed so that no air bubbles are entrapped. The sealed bottle will be inverted, tapped gently on the side, and observed for 10 seconds for the presence of air bubbles. If an air bubble appears, the sample will be discarded and the collection procedure repeated.
  4) VOC samples will be collected in three sample bottles (three 40-ml VOA vials for Screening or Quick Turnaround analyses or one 40-ml VOA vial and two 125-ml sample bottles with septa for EPA Standard Methods analysis). The three bottles will be shaken vigorously for 1 minute to mix the preservative, placed in a resealable plastic bag, and placed into a cooler with ice.

  One VOA trip blank sample consisting of either three 40-ml or one 40-ml and two 125-ml VOA vials of organic-free water will be collected prior to sampling. The vials used for the trip blank sample will be from the same lot as the corresponding sample vials. Each bottle of the trip blank sample will be preserved with one drop of 1:1 HCl per 20 ml of sample. The pH will be tested with pH paper to confirm that the pH is <2. If not, more HCl will be added until pH is <2. The same number of drops will be used to preserve the surface water samples collected for that sampling event. The trip blank sample will be handled in the same fashion as the samples collected in the field. The trip blank sample will be transported to the field with the empty vials and returned to the laboratory in the same cooler as the samples.

- SVOC Sampling: Samples will be collected in the appropriate glass container and preserved by placing in a cooler with ice. If the sample tests positive for free chlorine, the sample will be treated and preserved.

- Metals Sampling: Samples will be collected in the appropriate plastic container and preserved with nitric acid (HNO_3) to a pH of <2. Additionally, dissolved metals will be filtered using a 0.45-micron filter and peristaltic pump. Sample bottles will then be placed in a cooler with ice.

- Cyanide Sampling: Samples will be collected in the appropriate plastic container and preserved with sodium hydroxide (NaOH) to a pH of >12. Sample bottles will then be placed in a cooler with ice.

- Pest/PCB Sampling: Samples will be collected in the appropriate glass container and preserved by placing in a cooler with ice.

- Asbestos Sampling: Samples will be collected in the appropriate glass container and preserved by placing in a cooler with ice.

5.2.2 River Sediment Sampling

Ten sediment samples will be collected from the river bottom or river banks. Sediment samples (depth of 3 inches or greater) will be collected over a surface area having a 6-inch radius around the sample point per sample station. Prior to any sample collection, the surface area at the sample location will be cleared of any extraneous material considered to be not relevant for sample analysis.

Sample Collection Procedures for Sediment Sampling (Except VOCs): Samples will be collected using hand augers and placed into a metal bowl. After homogenizing with a metal or disposable scoop, the sample will be placed directly into the appropriate labeled glass containers (preferably wide-mouthed) with Teflon-lined lids. The cap(s) will then be secured tightly on the container(s) and the outside of the container will be wiped. Samples will be preserved by immediately placing on ice.

- VOC Sampling: Refer to Section 5.1.2 and VOC Sampling

- TOC/SEM/AVS will be collected in the appropriate glass container and preserved by placing in a cooler with ice.

Compositing Samples

Compositing is **not** recommended when/where VOCs are the contaminants of concern. Homogenization will result in the potential loss of the target compounds.

Refer to section 5.1.2 Compositing samples.

Rinsate (Equipment) Blanks

Refer to Section 5.8 and Generation of Rinsate (Equipment) Blanks.

5.3 Air Monitoring

For information regarding air monitoring, refer to the *Health and Safety Plan for the Rogers Fibre Mill Removal Site Bar Mills, York County, Maine* and the *Air Monitoring Program for the Rogers Fibre Mill Site Bar Mills, York County, Maine* for additional information. Also refer to Table 1C subtitled Building Demolition Air Monitoring and Attachment I for COC documentation.

5.4 Waste and Debris Disposal Characterization

In order to characterize the waste and debris for disposal, samples will be collected from solids, debris, and sludge, and will be analyzed for VOCs, SVOCs, TCLP SVOCs, PCBs, pesticides, total metals, TCLP metals, flashpoint, cyanide, pH, oil identification, and asbestos. The number of samples and the sample locations will be determined by the EPA OSC. Analytical results, field screening, air monitoring and/or visual observation will be used to determine the location and number of samples to be collected. This includes one sample collected from fluid associated with a hydraulically powered elevator piston. The samples will be containerized, preserved, and analyzed in accordance with Table 1D. For additional information, see Attachment I for COC documentation. In addition, X-ray fluorescence (XRF) field screening for metals and immuno assay field screening for polynuclear aromatic hydrocarbons (PAH) will be conducted; refer to Section 5.6 below for additional information.

Sample Collection Procedure for Solids/Debris/Sludge Sampling: Refer to Section 5.1.1 Asbestos Sampling, and Section 5.1.2 Solid/Debris Sampling.

Rinsate (Equipment) Blanks

Refer to Section 5.8 and Generation of Rinsate (Equipment) Blanks.

5.5 Soil and Sediment Disposal Characterization

In order to characterize the soil and sediment for disposal, samples will be collected from soil and sediment from locations determined by visual observation, and will be analyzed for VOCs, SVOCs, TCLP SVOCs, PCBs, Pesticides, total metals, TCLP metals, cyanide, asbestos, and total petroleum hydrocarbons. The number of samples and the sample locations will be determined by the EPA OSC. Analytical results, field screening, air monitoring and/or visual observation will be used to determine the location and number of samples to be collected. The samples will be containerized, preserved and analyzed in accordance with Table 1E. For additional information, see Attachment I for COC documentation

TABLE 1C

BUILDING DEMOLITION AIR MONITORING SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (type, volume, container)*	*TOTAL NO. CONTAINERS*
Air	21	Lead	1000 L	Filter Cassette	None	NIOSH 7300	None	4 Blank Cassettes (1)	25
Air	55	Asbestos	1000 L	Filter Cassette	None	NIOSH 7400	None	9 Blank Cassettes (1)	64

Notes: (1) One blank cassette was submitted with each sample shipment.

L	liter
NIOSH	Nat'l Institute for Occupational Safety and Health
NO.	Number
QA/QC	Quality Assurance/Quality Control

TABLE 1D

WASTE AND DEBRIS DISPOSAL CHARATERIZATION
SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES
ROGERS FIBER MILL SITE
BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (1) (type, volume, container)*	*TOTAL NO. CONTAINERS*
Solids/Debris/ Sludge (2)	17	VOCs	2 oz.	2 oz. VOA Jar	Ice	8260	14 days	2 Trip Blanks pH<2 HCl See Note (3)	19
Solids/Debris/ Sludge	23	SVOC	8 oz. or 16 oz.	8 or 16 oz. amber/clear glass	Ice	8270	14 days to extract 40 days to analyze	MS/MSD* See Note (3)	23
Solids/Debris/ Sludge	16	PCB/ Pesticides (4)	8 oz. or 16 oz.	8 or 16 oz. amber/clear glass	Ice	8081 8082	14 days to extract 40 days to analyze	MS/MSD* See Note (3)	see note (5)
Solids/Debris/ Sludge	8	TCLP SVOC	8 oz. or 16 oz.	8 or 16 oz. amber/clear glass	Ice	TCLP	14 days to extract 40 days to analyze	See Note (6)	8
Solids/Debris/ Sludge	21	RCRA Metals (7) plus Cu, Ni, & Zn (8)	8 oz. or 16 oz.	8 or 16 oz. amber/clear glass	Ice	6010 or 7000	Hg 28 days, all others 6 months	MS/MSD/DUP*, HNO3 pH<2 2 PEs (Soil) See Notes (3) and (9)	23
Solids/Debris/ Sludge	24	TCLP Metals (8)	8 oz. or 16 oz.	8 oz. amber or 16 oz. clear glass	Ice	TCLP	14 days to extract Hg 28 days, all others 6 months	See Note (6)	24
Solids/Debris/ Sludge	13	Flashpoint	16 oz.	16 oz. clear glass	Ice	Standard Method	None	None	13
Solids/Debris/ Sludge	12	Cyanide (10)	8 oz.	8 oz. amber glass	Ice	Standard Method	14 days	See Note (3)	12
Solids/Debris/ Sludge	14	pH	40 ml	40-ml glass VOA vial	Ice	Standard Method	Immediately	None	see note (10)
Solids/Debris/ Sludge	1	Oil Identification	40 ml	40-ml glass VOA vial	Ice	8260B (modified) 8100 (modified)	None	None	1

TABLE 1D

WASTE AND DEBRIS DISPOSAL CHARATERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (1) (type, volume, container)*	*TOTAL NO. CONTAINERS*
Solids/Debris/ Sludge	19	Asbestos	4 oz.	4 oz. amber glass	Ice	Standard Method 7000	None	None	19

Notes:
(1) The appropriate PE samples will be submitted for each sample shipment.
(2) Solids/debris/sludge also includes hydraulic fluid from elevator piston.
(3) PEs included with QA/QC samples in Table 1E.
(4) PCBs/pestcides also includes those samples analyzed for PCBs only.
(5) SVOCs/PCBs were collected in the same jar.
(6) See appropriate - RCRA Metals or SVOCs for TCLP QA/QC samples.
(7) RCRA metals plus - Cu, Ni, and Zn also include those samples analyzed for RCRA metals only.
(8) Additional analyses for Fe, Th, Ti, and Zn were performed on one sample.
(9) Rinsate Blank included in Table 1E.
(10) Cyanide includes those samples analyzed for sulfides.
(11) VOCs/pH were collected in the same jar.
* No extra volume required for MS/MSD.

oz.	ounce
ml	milliliter
SVOCs	semivolatile organic compounds
PCBs	polychlorinated biphenyls
HCl	hydrochloric acid
VOC	volatile organic compounds
TCLP	Toxicity characteristic leachate procedure
RCRA	Resource Conservation and Recovery Act
NO.	Number
QA/QC	Quality Assurance/Quality Control
Cu	Copper

MS/DUP	matrix spike/duplicate
MS/MSD	matrix spike/matrix spike duplicate
PE	performance evaluation sample
HNO3	nitric acid
VOA	Volatile organic analysis
Hg	Mercury
Ni	Nickel
Zn	Zinc
Fe	Iron
Th	Thallium
Ti	Titanium

TABLE 1E

SOIL AND SEDIMENT DISPOSAL CHARATERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (1) (type, volume, container)*	*TOTAL NO. CONTAINERS*
Soil/Sediment	26	VOCs	2 oz.	2 oz. VOA Jar	Ice	8260	14 days	2 Trip/1 Rinsate Blank pH<2 HCl 4 PEs (aqueous)	33
Soil/Sediment	33	SVOC	8 oz.	8 oz. amber glass	Ice	8270	14 days to extract 40 days to analyze	MS/MSD* 8 PEs (aqueous) 2 Rinsate Blank	43
Soil/Sediment	8	PCB/ Pesticides (2)	8 oz.	16 oz. clear glass	Ice	8081	14 days to extract 40 days to analyze	MS/MSD* 2 PE - PCBs (soil) 2 PEs-Pesticides/PCB(aqueous)	see note (3)
Soil/Sediment	12	TCLP SVOC	16 oz.	16 oz. clear glass	Ice	TCLP	14 days to extract 40 days to analyze	See Note (6)	12
Soil/Sediment	23	RCRA Metals (4) plus Cu, Ni, & Zn	16 oz.	16 oz. clear glass	Ice	6010 or 7000	Hg 28 days, all others 6 months	2 Rinsate Blank - HNO3, pH<2 MS/MSD* 7 PEs (soil), 2 PEs (aqueous)	34
Soil/Sediment	54	TCLP Metals	16 oz.	16 oz. clear glass	Ice	TCLP	14 days to extract Hg 28 days, all others 6 months	See Note (6)	54
Soil/Sediment	1	Total Petroleum Hydrocarbons	16 oz.	16 oz. clear glass	Ice	SW846 9071A	14 days to extract 40 days to analyze	None	1
Soil/Sediment	20	Asbestos	4 oz.	4 oz. amber glass	Ice	Standard Method 7000	None	None	20

TABLE 1E (CONCLUDED)

SOIL AND SEDIMENT DISPOSAL CHARATERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (1) (type, volume, container)*	*TOTAL NO. CONTAINERS*
Soil/Sediment	21	Cyanide (7)	8 oz.	8 oz. amber glass	Ice	Standard Method	14 days	2 PEs (aqueous)	23

Notes:
(1) The appropriate PE samples will be submitted for each sample shipment.
(2) PCBs/pesticides also includes those sample analyzed for PCBs only.
(3) SVOCs/PCBs were collected in the same jar.
(4) RCRA metals plus - Cu, Ni, and Zn also include those samples analyzed for RCRA metals only.
(5) One TCLP PE sample will be analyzed per laboratory. Total metals (aqueous or soil) will accompany each sample shipment in place of the TCLP PE.
(6) See Soil/Sediment matrix and RCRA Metals for QA/QC samples.
(7) Cyanide includes those samples analyzed for sulfides.
* No additional volumes required for MS/MSD.

oz.	ounce
SVOCs	semivolatile organic compounds
PCBs	polychlorinated biphenyls
HCl	hydrochloric acid
TCLP	Toxicity characteristic leachate procedure
RCRA	Resource Conservation and Recovery Act
Hg	Mercury
NO.	Number
QA/QC	Quality Assurance/Quality Control
VOA	volatile organic analysis

VOC	volatile organic compounds
MS/DUP	matrix spike/duplicate
MS/MSD	matrix spike/matrix spike duplicate
PE	performance evaluation sample
L	liter
HNO3	nitric acid
Cu	copper
Ni	nickel
Zn	zinc

Sample Collection Procedure for Soil/Sediment Sampling: Refer to Sections 5.1.1 Asbestos Sampling, 5.1.4 Surface Soil/Sediment Sampling, and 5.2.2 River Sediment Sampling.

Rinsate (Equipment) Blanks

Refer to Section 5.8 and Generation of Rinsate (Equipment) Blanks.

5.6 Field Screening Analyses

In order to characterize the waste, debris, soil and sediment for disposal, samples will be collected from various media which will be field screened for metals and PAHs. The number of samples and the sample locations will be determined by the EPA OSC. Analytical results, previous field screening, air monitoring and/or visual observation will be used to determine the location and number of samples to be collected. The samples will be containerized, preserved, and analyzed in accordance with Table 1F.

Sample Collection Procedures for On-site Field Screening Samples: Samples will be collected using disposable scoops and placed directly into the appropriate labeled resealable plastic bag. Large solid samples will be broken apart or pulverized. The plastic bags will be filled half full. Samples will be preserved by immediately placing on ice.

Sample Collection Procedures for Off-site Field Screening Samples: Samples will be collected using disposable scoops and placed directly into the appropriate labeled glass containers (preferably wide-mouthed) with Teflon-lined lids. Large solid samples will be broken apart or pulverized. Containers will be filled half full. The cap(s) will then be secured tightly on the container(s) and the outside of the container will be washed. Samples will be preserved by immediately placing on ice.

5.7 Surface Water and Water Effluent Characterization

A total of 59 surface water and water effluent samples will be collected by START, which will be analyzed for VOCs, SVOCs, total metals, total dissolved metals, and hardness. In addition, these samples will be analyzed for total dissolved solids (TDS), total suspended solids (TSS), and turbidity. The samples will be containerized, preserved, and analyzed in accordance with Table 1G. For additional information, see Attachment I for COC documentation

Sample Collection Procedure for Surface Water/Water Effluent Sampling: Refer to Section 5.2.1 Surface Water Sampling.

- TDS/TSS/Turbidity Sampling: Samples will be collected in the appropriate plastic container and preserved by placing in a cooler with ice.

TABLE 1F

FIELD SCREENING ANALYSES
SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES
ROGERS FIBER MILL SITE
BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (type, volume, container)*	*TOTAL NO. CONTAINERS*
Solids/Debris/ Sludge/Soil/ Sediment	71	Total Metals	2 oz.	4 oz. amber glass	Ice	Kevex 7000 (1)	6 months	None	71
Solids/Debris/ Sludge/Soil/ Sediment	224	Total Metals	2 oz.	resealable plastic bag	Ice	Spectrace 9000 (2)	6 months	10% Laboratory Confirmatory (3)	224
Solids/Debris/ Sludge/Soil/ Sediment	270	PAH	2.5 or 10 grams	resealable plastic bag	Ice	(PAH) Immuno Assay Soil Test Kit	14 days to extract 40 days to analyze	10% Laboratory Confirmatory (3)	see note (4)

Notes:
(1) Samples analyzed at NERL.
(2) Samples analyzed on site by START personnel.
(3) Confirmatory samples are included in Tables 1D and 1E.
(4) PAHs and Metals were frequently collected in the same containers.

oz.	ounce
PAH	polynuclear aromatic hydrocarbon
NO.	Number
QA/QC	Quality Assurance/Quality Control

NERL	New England Regional Laboratory
START	Superfund Technical Assessment and Response Team

TABLE 1G

SURFACE WATER AND WATER EFFLUENT CHARATERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (1) (type, volume, container)*	*TOTAL NO. CONTAINERS*
Surface Water (2)	9	VOC	40 ml	2 - 40 ml VOA vials	HCl pH < 2	8260	14 days	2 PEs (aqueous) 3 Trip Blanks (2-40 ml)	18
Surface Water	12	SVOC	1 L	1 - 1 L amber glass	Ice	8270	7 days to extract 40 days to analyze	2 PEs (aqueous)	14
Surface Water	25	Total Metals	1 L	1 L Plastic bottle	HNO3 pH < 2	Target Analyte List	Hg 28 days, all others 6 months	10 PEs (aqueous) See Note (3)	35
Surface Water	6	Total Dissolved Metals	1 L	1 L Plastic bottle	HNO3 pH < 2	Target Analyte List	Hg 28 days, all others 6 months	See Note (4)	6
Surface Water	10	Total Hardness	1 L	1 L Plastic bottle	HNO3 pH < 2	Standard Method	Hg 28 days, all others 6 months	None	10
Surface Water	6	Total Dissolved Solids	1 L	1 L Plastic bottle	Ice	160.1	7 days	None	6
Surface Water	3	Total Suspended Solids	1 L	1 L Plastic bottle	Ice	160.2	7 days	None	see note (5)

TABLE 1G

SURFACE WATER AND WATER EFFLUENT CHARATERIZATION SAMPLING SUMMARY, ANALYTICAL METHODS, AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES ROGERS FIBER MILL SITE BAR MILLS, MAINE

MATRIX	*SUBTOTAL NO. SAMPLES*	*ANALYTICAL PARAMETER*	*VOLUME*	*CONTAINER*	*PRESER-VATIVE*	*METHOD*	*HOLDING TIME*	*QA/QC SAMPLES (1) (type, volume, container)*	*TOTAL NO. CONTAINERS*
Surface Water	5	Turbidity	1 L	1 L Plastic bottle	Ice	Standard Method	As soon as possible	None	see note (5)

Notes:

(1) The appropriate PE samples will be submitted for each sample delivery group.

(2) Surface water samples include samples collected from within Building No. 1, tailrace, and water treatment effluent. Samples were collected following on-site bag filter/carbon cell treatment.

(3) One PE was included with QA/QC samples in Table 1E.

(4) See Surface Water matrix and Total Metals for QA/QC samples.

(5) Total Dissolved solids, total suspended solids, and turbidity were collected in the sample bottle.

ml	milliliter
SVOCs	semivolatile organic compounds
HCl	hydrochloric acid
VOA	volatile organic analysis
Hg	mercury
NO.	Number

VOC	volatile organic compounds
PE	performance evaluation sample
L	liter
HNO3	nitric acid
H20	water
QA/QC	Quality Assurance/Quality Control

5.8 Equipment Decontamination

Equipment decontamination will prevent the cross-contamination of samples. Preventing cross-contamination is important for avoiding the introduction of error and protecting the health and safety of personnel. Physical removal, washing, rinsing, and drying procedures will vary according to the sample parameters and equipment types. Non-dedicated equipment, such as bailers, augers, and stainless steel spatulas, will be decontaminated before and after each sampling location. At least one rinsate blank per day (or one for every 20 samples collected) is required for each type of non-dedicated equipment used during the sampling event. Dedicated and/or disposable equipment, that does not require decontamination, will be utilized whenever possible to avoid the need for rinsate blanks, to prevent the cross-contamination of samples, and reduce the volume of liquid waste generated on site.

Decontamination wastes will be collected and secured on site. Separate containers will be used for the aqueous wastes and for flammable, non-chlorinated solvents (methanol and hexane) wastes. Proper personal protection will be worn during decontamination procedures and will include gloves, eye protection, and splash-resistant protective clothing. Off-site disposal of decontamination wastes and contaminated personal protective equipment (PPE) will be conducted by the ERRS contractor as part of the removal action.

Sample Equipment Decontamination Procedures:

1) A physical removal technique will be used to remove any gross contamination present on the equipment. Typically paper towels and brushes will be used for this purpose.

2) After removal of gross contamination, equipment will be washed with a non-phosphate detergent solution, such as a 2% Liqui-Nox™ solution.

3) The washed equipment will be rinsed with tap water (typically from a garden sprayer) to remove all the soap solution.

4) The equipment will be rinsed with distilled/deionized (DI) water from a sprayer or squeeze bottle.

5) If samples will be collected for metals analysis, equipment will be rinsed with a 10% nitric acid solution, followed by a DI water rinse.

6) If samples will be collected for organic compounds analysis, equipment will be rinsed with methanol that is free from trace organic residues (such as Baker™ capillary-analyzed solvents). Typically a squeeze bottle will be used to dispense the methanol.

7) The equipment will be allowed to air dry completely.

8) If samples will be collected for organic compounds analysis, equipment will be rinsed with hexane that is free from trace organic residues (such as Baker™ capillary-analyzed solvents). Typically a squeeze bottle will be used to dispense the hexane.

9) The equipment will be allowed to air dry completely.

10) Equipment will be rinsed a final time with DI water and allowed to air dry.

If equipment is to be stored before use, wrap in aluminum foil with the shiny side facing out and seal in a plastic bag to prevent contamination before use.

Generation of Rinsate (Equipment) Blanks:

The rinsate blank provides information on the effectiveness of the decontamination process employed. A rinsate blank consists of a sample of analyte-free (e.g., distilled/de-ionized) water which is passed over and through a decontaminated sampling device and placed into an appropriate, clean sampling container. One will be collected for each type of analysis to be requested (e.g., SVOCs, VOCs, metals, pesticides/PCBs, etc.) and for each type of equipment decontaminated (e.g., bailers, augers, stainless steel scoops, etc.). Rinsate blanks are not required if dedicated sampling equipment is used, such as disposable scoops. Rinsate blanks are most important when analyzing for low levels of pollutants and may not be necessary when collecting samples for screening purposes.

5.9 Confirmation Sampling

Confirmation sampling will be conducted when QA2 level field screening is conducted on site, e.g., immuno assay screening analysis for PAH compounds or XRF screening analysis for metals. Sufficient volume will be collected from each sample station to perform both screening and laboratory confirmation analyses. The media (e.g., surface soil, subsurface cores, sediment, etc.) will be thoroughly homogenized (except in the case of volatile organic compound analysis) before removing an aliquot for screening purposes. An aliquot may subsequently be removed for laboratory confirmation analysis if the sample is selected as one of the 10% confirmation samples.

5.10 Classification of Field Samples for Shipment

The samples collected at the site will be transported according to either Department of Transportation (DOT) Hazardous Materials Regulations or International Air Transport Association (IATA) Dangerous Goods Regulations. Samples will be transported in a manner that will maintain their integrity, as well as protect against detrimental effects from sample breakage or leakage. The Roy F. Weston, Inc. *Guidelines for Classifying Field Sample Shipments (Revision 4.0, 16 June 1994)* will be followed whenever samples are shipped.

Samples collected will be classified as either *environmental* or *hazardous materials* samples. Environmental samples are generally those collected from streams, ponds, lakes, wells, and off-site soils which are not expected to be contaminated with hazardous materials. Hazardous materials samples are collected from on-site soils or water, and materials from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites.

Once samples are classified as *environmental* or *hazardous materials*, they will be screened, packaged, and shipped accordingly.

Environmental samples will be packaged and shipped according to the following procedures:

Environmental Samples

- Place properly-identified sample container in a sealed polyethylene bag.
- Place sample in a DOT-approved fiberboard container or cooler lined with a large polyethylene bag.
- Pack container with enough noncombustible, absorbent, cushion material (e.g., vermiculite) to minimize the possibility of containers breaking, and to absorb any material which may leak from the sample jars.
- If there are multiple samples, make certain that there is sufficient cushioning material between the sample containers (each in its individual polyethylene bag) to prevent breakage due to dropping or severe shock.
- Seal large bag, add more absorbent if needed.
- Seal outside container with duct tape or strapping tape. Any cooler drain outlets should be taped shut.

The outside of the cooler will be marked "Environmental Samples" and the appropriate sides of the container will be marked "This End Up" or with arrows accordingly. Place a proper address label on the outside of the package, no other labeling or shipping papers are required.

Hazardous Material Samples

Samples determined to be unknown hazardous materials will be classified through a process of professional judgement and elimination. Site background information, air monitoring equipment, and test strips will be used to classify samples of unknown materials to determine the proper hazard classification to be used during shipment.

Background ambient air and radiation readings will be taken for comparison purposes using the combustible gas indicator/oxygen meter (CGI), photoionization detector (PID) or flame ionization detector (FID), and Micro R radiation meter.

The samples will be screened for ionizing radiation by passing the Micro R radiation meter over the sample material and noting the reading. This reading is then compared with that recorded during the ambient air background survey. Flammability will be determined by screening the headspace of the drum, container, or sample jar with the CGI and PID or FID, to determine if headspace readings are greater than background levels. Samples will also be checked for corrosivity and the presence of peroxides by testing the sample with pH and peroxide test strips, respectively.

Once radioactivity, flammability, corrosivity, and peroxides have been tested for, and professional judgement has been used to eliminate other hazard classification categories, the unknown samples will be classified and shipped as specified in the Roy F. Weston, Inc., *Guidelines for Field Sample Shipments*.

6.0 PROJECT ORGANIZATION AND RESPONSIBILITIES

U.S. EPA EPRB:

Janis Tsang	On-Scene Coordinator

START Members:

Timothy Jones	Project Leader
Pasquale Panza	Site Leader/Quality Control Monitor
Jim Fein	Site Leader
Nancy Hanyes	Sample collection and documentation
Mandy Butterworth	Sample collection and documentation
Renata Wynnyk	Sample collection/Field Analyst
Kerri Cattabriga	Field Analyst
Benjamin Latham	Sample collection and documentation
Paul Callahan	Sample collection and documentation
Todd Borci	Sample collection and documentation
Stella Kiras	Sample collection and documentation
David Gorden	Sample collection and documentation
Denise Nelson	Sample collection and documentation

The Quality Control Monitor will record quality assurance checks, any problems and corrective actions taken associated with the sampling and sampling plan. The Quality Control Monitor will also be responsible for completeness and accuracy of the COC record.

7.0 QUALITY ASSURANCE REQUIREMENTS

Per OSWER Section 2.7, the following QA requirements apply.

7.1 Screening Quality Assurance

The on-site screening/air monitoring activities will employ the following OSWER QA1 level requirements:

- Sample documentation.
- Instrument calibration/performance check.
- Determination of detection limit, if appropriate.

QA2 level field screening will be conducted on site utilizing the following QA2 level requirements:

- Sample documentation.
- Sample collection and analysis dates.
- Initial and continuing instrument calibration data.
- Blanks.
- A minimum of 10% of the samples screened in the field will be verified by an EPA-approved method different from the screening method.
- A PE sample, where appropriate.
- Determination of the detection limit, if appropriate.
- Duplicates or replicates at the action level.

The standard operating procedures for QA2 level field screening methods are referenced in Section 9.0 of this document.

7.2 Sampling Quality Assurance

Sampling QA includes collecting one or more of the following quality control samples:

- PE samples for each analytical parameter: at least one PE sample per parameter will be used for each SDG of up to 20 samples sent to a private laboratory for analyses.
- Trip blanks for VOC analysis if VOC samples are collected.

- Rinsate or equipment blanks when sampling equipment is decontaminated and reused or when dedicated equipment has not been proven to be free of contamination.

- Field duplicates (collocated samples) if requested by the OSC.

- Field replicates or split samples if requested by the OSC.

- Matrix spike and matrix spike duplicate (MS/MSD): extra volume may be required for a matrix spike sample and a matrix spike duplicate sample at the rate of one MS/MSD pair per 20 samples collected of each matrix (i.e., soil, water, sludge).

- Laboratory matrix spike/duplicate (MS/Dup): extra volume may be required for the laboratory to perform duplicate analysis and/or a matrix spike.

- Confirmation Samples: extra volume may be required for field screening activities if 10% confirmation samples will be sent to a laboratory for confirmation analysis (QA2 level field screening). Confirmation will be performed on a split of the same sample used for field screening.

7.3 Laboratory Quality Assurance

The analyses of samples at the EPA NERL will employ the following rational:

- The samples designated for analysis by Standard Methods are generally those samples anticipated to contain only low levels of the pollutant analytes of interest. Full protocol according to the established method will be utilized. Analytes will be definitively identified and quantitated. This will include multiple standards, MS/MSD to determine precision and accuracy, and a laboratory blank.

- The samples designated for Region I Method analyses are generally those samples anticipated to contain mid-levels of the pollutant analytes of interest. These samples will be analyzed to determine definitive identification and quantitation of contaminants. Protocols for Region I method analysis include multiple standards, an MS, and laboratory blank.

- The samples designated for Screening are generally those samples anticipated to contain high levels of the pollutant analytes of interest and require analytical results within a few days. These samples will be analyzed to determine semi-quantitation of high levels of target specific compounds, which will indicate their presence or absence above a threshold value. Identification of target specific compounds is based on a known standard. Protocols for Screening analysis include a one point standard and a laboratory blank.

The analyses of samples at the private laboratory will employ the following modified OSWER QA2 level requirements:

- Sample documentation.
- COC documentation.
- Sample holding times.
- Initial and continuing instrument calibration data.
- Method blank, rinsate blank, and/or trip blank data.
- Definitive identification.
- Definitive quantitation/analytical error determination (modified by substituting MS/MSD samples for the eight replicates specified in OSWER).
- Performance evaluation samples.
- Detection limit determinations, unless inappropriate.

The following documentation will also be obtained: sample preparation information; analysis run logs; supporting raw data; narrative comments concerning problems/observations; and additional documentation required to meet EPA Region I QAPP laboratory data package elements requirements.

8.0 DATA VALIDATION

A data quality review of the laboratory sample analyses will be conducted by NERL personnel according to *Quality Assurance/Quality Control Guidance for Removal Activities, Sampling QA/QC Plan and Data Validation Procedures,* OSWER Directive 9360.4-01, April 1990 - Interim Final, EPA/540/G-90/004 or by NERL intralaboratory data review procedures.

A data quality review of the START procured laboratory sample analyses will be conducted by START personnel according to *Quality Assurance/Quality Control Guidance for Removal Activities, Sampling QA/QC Plan and Data Validation Procedures,* OSWER Directive 9360.4-01, April 1990 - Interim Final, EPA/540/G-90/004 and the EPA Region I QAPP. An evaluation of PE samples and a Tier I validation will be conducted. A Tier II validation procedure will be performed during the course of the OSWER data quality review.

A data quality review of the ERRS procured laboratory sample analyses will be conducted by START personnel according to the EPA Region I QAPP. An evaluation of PE samples and a Tier I validation will be conducted. At the request of the OSC/SI, a Tier II validation procedure will be performed if PE sample results are not satisfactory.

QA1 level screening data will be evaluated for calibration and detection limits, if appropriate.

QA2 level field screening data will be evaluated for: sample documentation; sample collection and analysis dates; initial and continuing instrument calibration data; blanks; a minimum of 10% of the samples screened in the field will be verified by an EPA-approved method different from the screening method; a PE sample, where appropriate; determination of the detection limit, if appropriate, and the relative percent difference for duplicate analysis or the coefficient of variation for replicate analysis.

Confirmation sample results will be evaluated against the respective field screening results. For small numbers of confirmation samples (e.g., less than 10 to 20 samples), confirmation may be based upon whether laboratory and field screening results agree that levels are above or below the action level. For large numbers of confirmation samples (e.g., more than 10 to 20 samples), confirmation may involve performing a regression analysis of laboratory and field screening results.

9.0 REFERENCES

Environmental Management, Inc. 24 August 1998. *Demolition Impact Survey for Rogers Fiber Mill at Bar Mills, Maine EMI#982733*. Prepared for Seacoast Ocean Services.

Maine Department of Environmental Protection. August 1990. *Old Rogers Fiber Mill, Oily and/or Potential Hazardous Waste*

Roy F. Weston, Inc. February 1998. *Removal Program Preliminary Assessment/Site Investigation Report for the Rogers Fiber Mill Site, Bar Mills, Maine.* Superfund Technical Assessment and Response Team (START), Burlington MA.

Roy F. Weston, Inc. March 1992. *Technical Assistance Team Sampling Protocols* (Draft). Technical Assistance Team, Burlington, MA.

Roy F. Weston, Inc. May 1993. *Standard Operating Procedures for Preparing Site Sampling Plans for Site Investigations in Region I.* Technical Assistance Team, Burlington, MA.

Roy F. Weston, Inc. February 1994. *Standard Operating Procedures for the Spectrace 9000 Field Portable X-Ray Fluorescence (XRF) Analyzer*, Technical Assistance Team, Burlington, MA.

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Strategic Diagnostics, Inc. 1997. *EnviroGuard™ Polynuclear Aromatic Hydrocarbons (PAH) in Soil Test Kit 70606.* Revised July 1998.

U.S. Environmental Protection Agency. April 1990. *Quality Assurance/Quality Control Guidance for Removal Activities, Sampling QA/QC Plan and Data Validation Procedures* (Interim Final). Office of Emergency and Remedial Response, Washington, D.C. EPA/540/G-901004. OSWER Directive 9360.4-01.

U.S. Environmental Protection Agency. January 1991. *Compendium of ERT Groundwater Sampling Procedures* (Interim Final). OSWER Directive 9360.4-06.

U.S. Environmental Protection Agency. January 1991. *Compendium of ERT Soil Sampling and Surface Geophysics Procedures* (Interim Final). OSWER Directive 9360.4-02.

U.S. Environmental Protection Agency. January 1991. *Compendium of ERT Surface Water and Sediment Sampling Procedures* (Interim Final). Office of Solid Waste and Emergency Response, Washington, D.C. OSWER Directive 9360.4-03.

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U.S. Environmental Protection Agency. September 1994. *Region I Removal Program Branch Quality Assurance Project Plan.* New England Regional Laboratory, Lexington, MA.

U.S. Environmental Protection Agency. 3 August 1998. *Memorandum: Rogers Fibre Mill, Bar Mills, Maine - Lead in Paint Survey.* New England Regional Laboratory, Lexington, MA.

U.S. Geological Survey, 1983. Bar Mills, Maine Quadrangle. 7.5 × 15 minute series (Topographical).

U.S. Geological Survey, 1983. Standish, Maine Quadrangle. 7.5 × 15 minute series (Topographical).

ATTACHMENT I

CHAIN-OF-CUSTODY DOCUMENTATION

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

217 Middlesex Turnpike
Burlington, MA 01803 781-229-6430 (X-227)

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
98495	Rogers Fibre Mill Site, BAR Mills, ME

SAMPLERS: (Signature) James J. Lew J. Benjamin Lathen

US EPA
REGION I - ESD/HBR
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001

REMARKS
ATTN.: OSC JANICE TSANG

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos						EPA SAMPLE CARD NO.
001	7/8/98	1335	X	X	A-F-001, moist sediment, floor	1x4oz.	X						07785 basement
002	↓	1340		X	A-F-002, moist sediment, floor	1x4oz.	X						07786 basement
003		1350		X	A-W-001, concrete chip, wall	1x8oz.	X						07787 basement
004		1435		X	A-W-002, concrete chip, wall	1x8oz.	X						07788 basement
005		1425		X	A-Pile-001, light green, fibrous	1x4oz.	X						07789 basement, pile, wall/wood room
006		1355		X	A-T-001, fibrous, white thin board	1x4oz.	X						07790 basement, surface of tank
007		1400		X	A-T-002, fibrous, white solid	1x4oz.	X						07791 basement, top of concrete chamber
008		1405		X	A-T-003, fibrous, white, solid	1x4oz.	X						07792 basement, outlet pipe of metal tank
009		1410		X	A-T-004, fibrous, white, solid	1x4oz.	X						07793 basement, top surface, wood tank
010		1415		X	A-T-005, fibrous, white, solid	1x4oz.	X						07794 basement, outlet pipe, metal tank
011		1420		X	A-T-006, rusty brown debris	1x4oz.	X						07795 basement, outlet pipe, metal tank
012		1525		X	A-W-003, grey, granular solid	1x8oz.	X						07796 1st floor, wall board
013		1535		X	A-W-004, lite brown fine solid	1x8oz.	X						07797 1st floor, wall board
014	↓	1445		X	A-INSUL-001, white fibrous	1x8oz.	X						07798 basement, 24" diam. pipe insul.
					NOTE: All samples from bldg #1								Bldg. #1 is building of first priority

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James J. Lew	7/9/98 0947				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		
		[signature]	7/9/98 09:47		

Remarks OSC JANICE TSANG
OFFICE PHONE: 617-573-5732
OFFICE FAX: 617-573-9662

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-9415

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
	Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) T. Borri Skin James F. Lee

USEPA
REGION I - ESD
JFK FEDERAL BLDG.
Boston, MA 02203-0001

REMARKS
ATTN: OSC JANICE TSANG

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Pesticides	Total Metals	SVOCs				EPA ID #
015	7/14/98	1050		X	P-F-001, Floor, wood, Bldg # II	1x8oz.	X						68230 (Bldg 0 north end of site)
015		1050		X	M-F-001 " "	2x8oz.		X					68230 MS/Duplicate
016		1140		X	P-F-002, Floor, wood, Bldg. # II	2x8oz.	X						68231 MS/MSD (near room center)
016		1140		X	M-F-002, " "	1x8oz.		X					68231 " "
017		1410		X	P-W-001, wall, plywood strip	1x8oz.	X						68232 (Bldg. #4/Sheet metal Bldg.) Test wall
018		1435		X	P-W-002, west wall, wood	1x8oz.	X						68233 vertical timber (face)
019		1600		X	P-F-003, 1st level, floor	1x8oz.	X						68234 (Bldg. #1, south end, floor stain
020		1620		X	P-W-003, 2nd level, wall	1x8oz.	X						68235 (Bldg. #1, vertical timber (face))
021		1700		X	PE-0001574	1x1oz.			X				68236 PE sample
022		1700		X	PE-0005748	1x2oz.	X						68237 PE sample
023		1700		X	PE-ICC00108	1x1oz.		X					68238 PE sample
024		1215		X	RB-01, Rinsate Blank	1x1l		X					68239 preserved w. HNO_3 to pH < 2
025		1220		X	RB-02, Rinsate Blank	1x1l			X				68240
026		1225		X	RB-03, Rinsate Blank	1x1l	X						68241

Per Barry Taggart samples requested at 5 [illegible] days

Note: All samples preserved with ice

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Todd J. Borri	7/15/98 1600	[signature]	[signature]		
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
FedEx	7-17-98 1400	Lee Copson			
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		

Remarks OSC JANICE TSANG
OFFICE PHONE: 617-573-5732
OFFICE FAX: 617-573-9662

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

B.E.U. FEB-02-1999 15:10

1-9837

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, MAINE

SAMPLERS: (Signature) [signature]

USEPA
REGION I - ESD
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001
ATTN: OSC JANICE TSANG

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TOTAL METALS	SVOCs					REMARKS / EPA ID #
027	7/15/88	0905		X	M-W-001, Bldg. #1, wall, concrete	1-8oz.	X						68242 basement, platform
028		0920		X	M-W-002, Bldg. #1, wall, concrete	1-8oz.	X						68243 basement, platform
029		0925		X	M-F-003, Bldg. #1, floor sediments	1-8oz.	X						68244 basement, near west wall
030		0912		X	M-F-004, Bldg #1, floor sediments	1-8oz.	X						68245 basement, near platform (STA 028)
031		0932		X	M-F-005, SV-F-001, Bldg. #3	2-8oz.	X	X					68246 basement, floor sediment
032		0940		X	M-F-006, SV-F-002, Bldg. #3	2-8oz.	X	X					68247 basement, floor sediment
033		1030		X	SV-F-003, Bldg. #3, wood, floor	1-8oz.		X					09400 first floor,
034		1040		X	SV-F-004, Bldg. #3, wood, floor	1-8oz.		X					09401 first floor,

Note: All samples preserved with ice
Note: Bldg. #1 is bldg. of first priority, southernmost bldg. within complex
Note: Bldg. #3 is bldg. which contains power plant (adjacent to dam)

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		

Remarks: OSC JANICE TSANG
OFFICE PHONE: 617-573-5732
OFFICE FAX: 617-573-9662

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-9414

REGION 1

Roy F. Weston, Inc. (START)
781-229-6430

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) James L. Fein, Paul Callahan

Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

STA. NO.	DATE	TIME 1451	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Pest/PCBs	Total Metals	VOCs	SVOCs	PCBs	Pesticide	REMARKS All Samples Preserved with Ice.	LAB ID
035	7/21/98	~~1351~~ pc.		X	Basement, Bld #1 elevated foundation of former tank	(3) 8-oz (2) 2-oz	X	X	X	X			09473 lite sandy/dark fibrous solid mix. TCLP Cr & Pb	1262
036	7/21/98	1457		X	Basement, Bld #1 large elevated pipe	(3) 8-oz (2) 2-oz	X	X	X	X			09474 fibrous, lite brown, board like solid	1261
037	7/21/98	1516		X	Basement, Bld #1 top of wooden tank	(3) 8-oz (2) 2-oz	X	X	X	X			09475 TCLP Cr & Pb grey fibrous material with fine white solid	1262
038	7/20/98	1600		X	PE TT01638	(1) vial					X		09476	1262
039	7/20/98	1600		X	PE ICC00402	(1) vial		X					09477	1262
040	7/20/98	1600		X	PE 0007022	(1) vial				X			09478	12625
041	7/20/98	1600		X	PE 0021144	(1) vial						X	09479	12626
042	7/20/98	1600		X	PE 0010273	(1) vial			X				09480	12627
043	7/20/98	1600		X	Trip Blank	(3) 40-ml			X				09481 pH<2 w/HCl	12628

Cancel all VOC analyses per B. Taggart 7/23 (B)
Run TCLP Cr + Pb on 09473 + 09475 per B.T. by fax 8/3 (B)

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James L. Fein	7/22/98 1200	[signature]	FEDEX Air Bill # 803563858934	7/22/98	
Fed Ex [signature]	7-23-98 10:30	Joe Kozik			
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		

Remarks: OSC Janis Tsang
Phone: 617-573-5732
FAX 617-573-9662

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-7588

Region I, START (781-224-6430)

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

USEPA REGION I ESD/HBR
JFK FEDERAL Bldg.
Boston, MA 02203-0001
ATTN: OSC JANICE TSANG

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James L. Fein Paul Callahan

REMARKS: TO NERL, Lexington MA

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos						EPA Sample Card No.
044	7/23/98	1020		X	siding shingle, North side Blge #2	1x8 oz.	X						09402 North Exterior wall, Bldg. No. 2
045	7/23/98	1247	X		Bldg #1, 1st Floor collapsed roofing material	1x8 oz.	X						09403 composit from 3 different locations and layers of roofing material
													Note: Samples preserved with ice

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James L. Fein	7/24/98 1056				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature]	Date / Time 7/24/98 11:56	Remarks OSC ~~JANICE~~ JANIS TSANG OFFICE PHONE: 617-573-5732 FAX #: 617-573-7662	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-0020

To: Art Eisenberg — Roy F. Weston, Inc. 217 Middlesex Turnpike — 781-229-6430

ENVIRONMENTAL PROTECTION AGENCY

REGION 1 (HDLB)

CHAIN OF CUSTODY RECORD

USEPA REGION I ESD/HBR
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001
ATTN: OSC JANIS TSANG

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James J. Fein, Paul Allaire

REMARKS: 24-hour Turn-Around-Time

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	ASBESTOS (NIOSH 7400)	DAF Number	REMARKS
001	7/22/98	1622		X	A01-0722, East of bldg. #1, tel. Pole	1-cassette	X	DAFW88	Volume = 1032.96 l (2.152 l/min. x 480 min.)
002		1712		X	A02-0722, south of bldg. #1, near boat		X	DAFW89	Volume = 774.28 l (1.489 l/min x 520 min.)
003		1650		X	A03-0722, basement bldg. #1		X	DAFW90	Volume = 986.88 l South End, @ Pile # A-2
004		1655		X	A04-0722, basement bldg. #1		X	DAFW91	Volume = 1017.60 l South End, @ Pile # A-1
005		1700		X	BLANK		X	DAFW92	
001	7/23/98	1531		X	A01-0723, East of bldg. #1, tel. Pole	1-cassette	X	DAFW93	Volume = 993.60 l (2.070 l/min. x 480 min.)
002		1618		X	A02-0723, south of bldg. #1, near boat		X	DAFW94	Volume = 886.60 l (1.705 l/min. x 520 min.)
003		1553		X	A03-0723, basement bldg. #1		X	DAFW95	Volume = 1028.64 l South end, @ pile # A-2
004		1556		X	A04-0723 basement bldg. #1		X	DAFW96	Volume = 983.04 l South end, @ pile # A-1

NOTE: All volumes reported in liters
NOTE: Station 003 on 7/22/98: 2.056 l/min x 480 min.
Station 004 on 7/22/98: 2.120 l/min x 480 min.
Station 003 on 7/23/98: 2.143 l/min x 480 min.
Station 004 on 7/23/98: 2.048 l/min x 480 min.
Note: All reported flow rates are averages

Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James J. Fein	7/24/98 1400	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)
		[illegible]

Relinquished by: (Signature)	Date / Time	Received by: (Signature)
FEDEX AIRBILL 8008 66884995		
Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	Date / Time	
	7/25/98	

Remarks: Send results to: OSC Janis Tsang, USEPA Region I ESD/HBR, JFK Federal Bldg., Boston, MA 02203-0001
24-hour T.-A.-T.
PHONE #617-573-5732 FAX #617-573-9662

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-7566

Office of Enforcement

Samples collected by Roy. F. Weston (START), 781-224-6920

JFK Federal Building, Rm. 2203
Boston, Massachusetts 02203

PQN # ~~23~~ 2431

CHAIN OF CUSTODY RECORD

OSC JANIS TSANG

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James J. Fein

Lab: Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

REMARKS: All samples preserved with ice

SA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	SVOC	PCB/PEST	TCLP SVOC	RCRA Metals+Cu,Ni,Zn	TCLP Metals	EPA Sample Card No.	Bldg No.	Room/AREA
46	8/10/98	1515	X		Drum, black, oily coal	2-16oz. 6-8oz.	X	X	X	X	X	07951 MS/MSD	3	Boiler Room
47	↓	1515	X		Drum, dark brown to black oily solid	1-16oz. 3-8oz.	X	X	X	X	X	07952	3	Boiler Room
48	↓	1520	X		Dark solid debris with coal (3-point)	↓	X	X	X	X	X	07953 (3 point composite)	3	Furnace Area
49	↓	1545	X	X	Dark oily solid with grease & sand	↓	X	X	X	X	X	07954 (3 point composite)	3	Turbine Room
50	↓	1605	X	X	Dark paper pulp with grease	↓	X	X	X	X	X	07955 (surface of concrete)	3	Digester (East)
51	8/10/98	0800		X	PE-0024839	1 vial	X					07956 PE SAMPLE		
52	↓	↓		X	PE-TT03434 (PCB)	1-2oz.		X				07957 PE SAMPLE		
53	↓	↓		X	PE-0008699 (Pest)	1 vial		X				07958 PE SAMPLE		
54	↓	↓		X	PE-ICC00557	1-2oz.				X		07959 PE SAMPLE		

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James J. Fein	8/13/98 1040	[illegible]	[illegible]	8/13/98 1200	FED EXPRESS AirBill # 802549588836
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		
		[illegible]	8/14/98 1000		

Remarks: OSC JANIS TSANG
Send results to: OSC TSANG
Site FAX #: 207-929-6169
Site phone #: 207-929-6167
TURN-AROUND-TIME: 7 DAYS

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1- 1822

B.E.U.

FEB-02-1999 15:14

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

217 MIDDLESEX TURNPIKE
BURLINGTON, MA 01803

CHAIN OF CUSTODY RECORD

PROJ. NO.: PDS 0173F

PROJECT NAME: ROGERS FIBRE MILL SURFACE WATER / SEDIMENT

SAMPLERS (Signature): Mandy Butterworth, Nancy Haynes

TURNAROUND 35 DAYS

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCS	SVOCS	PCB/PEST	TOTAL METALS/CN	DISSOLVED METALS	TOC & TSS/SEM	REMARKS / SAMPLE (DISSOLVED METALS)
SW01	8/20/98	1530		K	UPSTREAM - MILL POND	10	X3	X2	X2	X2	X1	105	DAF464 (DAF481)
SW02	"	1340		K	DOWNSTREAM - BRIDGE	10	X3	X2	X2	X2	X1		DAF465 (DAF482)
SW03	"	1230		K	DOWNSTREAM - HORTON'S	10	X3	X2	X2	X2	X1		DAF466 (DAF483)
SW04	"	0930		K	DOWNSTREAM - WILSON'S	27	X9	X6	X6	X4	X2		DAF467 (DAF484) MS/MSD/DUP
~~SW05~~				~~K~~		~~10~~							~~DAF468 (DAF485)~~ TS
SED01	8/20/98	1530	K		UPSTREAM - MILL POND	6	X2	X1	X1	X1		X1	DAF469
SED02	"	1340	K		DOWNSTREAM - BRIDGE	6	X2	X1	X1	X1		X1	DAF470
SED03	"	1230	K		DOWNSTREAM - HORTON'S	6 TS	X2	X1	X1	X1		X1	DAF471
SED04	"	0930	K		DOWNSTREAM - WILSON'S	17	X6	X3	X3	X3		X2	DAF472 MS/MSD/DUP
~~SED05~~			~~K~~			~~6~~							~~DAF473~~ TS
MB01	"	1430		K	MINSATE BLANK	9	X3	X2	X2	X2			DAF487
TB01	"	1415		K	TRIP BLANK VOC	3	X						DAF488
PE01	"	0800		K		1	X						DAF474
PE02	"	0800		K		1		X					DAF475
PE03	"	0800		K		1		X	X				DAF476

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	8/21/98 1440	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
[signature]	8/21/98 1645	[signature]	8/21/98 16:45	GRETCHEN FRANZHEIM (781) 229-6430 X 215	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-6936

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

[redacted] 217 MIDDLESEX TURNPIKE
BURLINGTON, MA 01803

PROJ. NO.	PROJECT NAME
DOS 0173F	ROGERS FIBRE MILL SURFACE WATER / SEDIMENT

SAMPLERS: (Signature) [signature] Mandy Butterworth, Nancy Hayne

TURNAROUND TIME 35 DAYS

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCS	SVOCS	PCB/PEST	TOTAL METALS/CN	DISSOLVED METALS	TOC & AVS/SEM	SAMPLE NO.	REMARKS
PE04	8/20/98	0800		X		1	X	X	X				DAF477	
PE05	"	0800		X		1				X			DAF478	
PE06	"	0800		X		1				X			DAF479	
PE07	"	0800		X		1				X			DAF480	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	8/21/98 1440	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
[signature]	8/21/98 1645	[signature]	8/21/98 16:45	GRETCHEN GRANZNEIN (781) 229-6430 X 215	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8075

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

217 MIDDLESEX TURNPIKE
BURLINGTON, MA 01803

REGION 1
JFK Federal Building, Rm. 2203
Boston, Massachusetts 02203

CHAIN OF CUSTODY RECORD

PROJ. NO.: DAS 0174F

PROJECT NAME: ROGER FIBRE MILL SURFACE WATER / SEDIMENT

SAMPLERS: (Signature) Mandy Butterworth

TURNAROUND TIME 35 DAYS

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	ASBESTOS (WATER)	ASBESTOS (SEDIMENT)					REMARKS SAMPLE NO.
SW01	8/20/98	1530		X	UPSTREAM - MILL POND	2	X						DAF464 (2 1-liter)
SW02	"	1340		X	DOWNSTREAM OF BRIDGE	2	X						DAF465 "
SW03	"	1230		X	DOWNSTREAM - HONTON'S	2	X						DAF466 "
SW04	"	1130		X	DOWNSTREAM - WILSON'S	4	X	-					DAF467 (LAB DUPLICATE)
~~SW05~~				~~X~~		~~2~~							~~DAF468~~ TJ
SED01	8/20/98	1530	X		UPSTREAM - MILL SIDE	1		X					DAF469 (1 4oz amber)
SED02	"	1340	X		DOWNSTREAM - BY BRIDGE	1		X					DAF470
SED03	"	1230	X		DOWNSTREAM - HONTON'S	1		X	TJ	8/26/98			DAF471
SED04	"	0930	X		DOWNSTREAMS - WILSON'S	1		X	TJ				DAF472
~~SED05~~			~~X~~			~~1~~							~~DAF473~~ TJ
~~RB01~~				~~X~~		~~2~~	TJ						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	8/21/98 0725	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
[signature]	8/21/98 0834	[signature]	8/21/98 8:34	GRETCHEN FRANZHEIM (781) 229-6430 X 215	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James J. Fee, John P Kraft

LAB: Spectrum Analytical, 11 Almgren Drive, Agawam, MA 01001

REMARKS: All samples preserved with ice

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	SVOC	PCB/PEST	TCLP SVOC	RCRA Metals+Cu, Ni, Zn	TCLP Metals	EPA sample card No.
055	8/24/98	1321		X	Black, fibrous, solid, paper/shingle	1-16oz.	X	X	X	X	X	08601 outside of mill, south of bldg. No. 1
056		1318		X	Brown/Black stained sand	1-16oz. 1-8oz.	X	X	X	X	X	08602 MS/MSD outside mill south of bldg. No. 1
057		1325		X	Brown/Black rubber material	1-16oz.	X	X	X	X	X	08603 outside of mill, south of bldg. # 1
058		1318		X	Brown/Rust colored hard solid	1-16oz.	X	X	X	X	X	08604 " "
059		1335		X	Red colored solid material	1-16oz.	X	X	X	X	X	08605 Irritant!!! west of bldg. # 1
060		1335		X	Purplish colored sand	1-16oz.	X	X	X	X	X	08606 west of bldg. # 1
061		1330		X	Light green/purple sand	1-16oz.	X	X	X	X	X	08607 west of bldg. # 1
062		1430		X	White/grey solid with liquid	1-16oz.	X	X	X	X	X	08608 bottom layer of west digester
063		1440		X	Black/dark brown solid	1-16oz.	X	X	X	X	X	08609 wall residue of west digester
064		1423		X	Black solid material with chunks	1-16oz.	X	X	X	X	X	08610 wall residue of center digester
065		1448		X	Misc. textile fragments + grey fibrous	1-16oz.	X	X	X	X	X	08611 wall residue of east digester
066		1455		X	Dark Brown/Black soil with staining	1-16oz.	X	X	X	X	X	08612 outside of mill, former transformer area
067		1730		X	PE-S02634	1-vial	X					08613 PE SAMPLE
068		1730		X	PE-TT03910 (PCB)	1-2oz.		X				08614 PE SAMPLE
069	↓	1730		X	PE-0003374 (Pest)	1-vial		X				08615 PE SAMPLE

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James J. Fee	8/24/98 1830	John P Kraft	John P Kraft	8/24/98 1930	FEDEX AIRBILL # 8025495887 55
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		Jack Kozle	8-25-98 11:10AM	SEND RESULTS TO: OSC JANIS TSANG SITE FAX #: 207-929-6169 SITE PHONE #: 207-929-6167 TURN AROUND TIME: 5 days	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-0080

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
	Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James J. Lein John Kraft

LAB: Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

REMARKS
All samples preserved with ice

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	RCRA Metals + Cu, Ni, ZN						EPA sample card no.
070	8/24/98	1730		X	PE - ICC00165	1-2oz.	X						08616 PE SAMPLE

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James J. Lein	8/24/98 1830	John Kraft	John Kraft	8/24/98 1930	FEDEX AIRBILL # 802549588755
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		Joe Kozik	8-25-98 8:11:20	SEND Results to & OSC JANIS TSANG site FAX # 207-929-6169 site phone # 207-929-6167 Turn Around Time & 5 days	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) Mandy Butterworth, James J. Fer

LAB: Spectrum Analytical, 11 Almgren Drive, Agawam, MA 01001

REMARKS: All samples preserved w/ ice

STA. NO.	DATE 1998	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	SVOC	PCB/PEST	TCLP SVOC	RCRA METALS, Cr, Ni	TCLP Metals		EPA Sample Card. No.
071	9/2	1252	X		dark brown granular soil	1-16oz 1-8oz	X	X	X	X	X		08617
072	9/2	1258		X	dark, sludgey saturated soil	1-16oz	X	X	X	X	X		08618
073	9/2	1257		X	brown, rocky, granular soil	1-16oz	X	X	X	X	X		08619
074	9/2	1302		X	brown, rocky, granular soil	1-16oz	X	X	X	X	X		08620
075	9/2	1301		X	brown, rocky, granular soil	1-16oz	X	X	X	X	X		08621
076	9/2	1400		X	PE-S01847	1-vial	X						08622
077	9/2	1400		X	PE-0029743 (Red)	1-vial		X					08623
078	9/2	1400		X	PE-1CC00045	1-2oz.				X			08624
079	9/2	1400		X	PE-TTC0690 (PCB)	1-2oz		X					07964
080	9/3	~~1220~~ 1305		X	red-orange/grey paint chips	2-40ml vial				X	X		07966
081	9/3	1220		X	red-orange/grey paint chips	2-40ml vial				X	X		07965

former transformer area, area selected for PRISNED

south of mill bldg along the embankment

south of mill bldg along the embankment

just south of granite block wall beneath abandoned pipes

south of granite block wall along embankment

PE Sample

PE Sample

PE Sample

PE Sample

sliding metal door, 2nd floor bldg #3

sliding metal door, north end, 1st floor bldg #3

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mandy Butterworth	9/3/98 1500	Mauna McCrackken			FEDEX AIRBILL # 802549588674
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Fed X	9-4-98 9:45AM	Joe Kozak			
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Remarks: Send results to: CSC James Tsang, site fax #: 207-929-6169, site phone #: 207-929-6167

TURN AROUND TIME = 5 days

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8084

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

From: Roy F. Weston/UAM
207-929-6162, 207-929-6167

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James F. Fein Mandy C Butterworth

USEPA REGION I ESD/HBR
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001
ATTN. & OSC JANIS TSANG

REMARKS: LAB & GALSON LABORATORY
East Syracuse, NY
24 hour Turnaround Time

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos (NIOSH 7400)						REMARKS
~~001~~	~~9/1/98~~			X	~~A901-01, East of bldg. No. 2~~	~~1-cassette~~	X						(JF) sample not sent, pump quit
002	9/1/98	1600		X	A901-02, north end bldg. No. 2	↓	X						Volume = 697.62 l (2.114 l/min. x 330 min.)
001	9/2/98	1601		X	A902-01, East of bldg. No. 2	↓	X						Volume = 1000.15 l (2.075 l/min x 482 min.)
002	9/2/98	1601		X	A902-02, north end of bldg. No. 2	↓	X						Volume = 991.68 l (2.066 l/min. x 480 min.)
003	9/2/98			X	BLANK	↓	X						

Note: All volumes reported in liters.

Note: Reported flow rates are averages (liters/min)

Note: Refer to sample number listed in "STATION LOCATION" column when reporting results

Note: 24 hour turn around time

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
James F. Fein	9/3/98 0900	[signature]	[signature] FED EX AIR BILL (JF)	9/3/98	FED EX AIR BILL 803581810674
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		

Remarks: SEND RESULTS TO & OSC JANIS TSANG
USEPA REGION I
ESD/HBR
JFK FEDERAL BLDG.
BOSTON, MA
02203-0001
FAX results to: 207-929-6169
Site phone: 207-929-6167

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8083

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

From: Roy [illegible] / [illegible]
207-929-6162, 207-929-6167

CHAIN OF CUSTODY RECORD

USEPA REGION I ESO/HBC
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001
ATTN: OSC JANIS TSANG

★ 24 hr turnaround time

PROJ. NO.	PROJECT NAME
	Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James F. Lew Mandy P. Butterworth

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos (NIOSH 7400)	OHM Remediation Services 09/08/98 Air A0903-01	REMARKS
001	9/3	1530		X	A0903-01, east of bldg #2	1 cassette	X		Volume = 1004.146 L (2.079 L/min x 483 min)
002	9/3	1531		X	A0903-02, east of building #2	↓	X	L45454-2	Volume = 987.98 L (2.046 L/min x 483 min)
001	9/4	1330		X	A0904-01, east of bldg #2	↓	X	L45454-3	Volume = 691.55 L (2.028 L/min x 341 min)
002	9/4	1332		X	A0904-02, east of building #3	↓	X	L45454-4	Volume = 702.27 L (2.0655 L/min) (340 min)
003	9/4	1345		X	BLANK	↓	X	L45454-5	

REMARKS: LAB: GALSON LABORATORY, EAST SYRACUSE, N.Y

Note: All volumes reported in liters.
Note: reported flow rates are averages (L/min)

note: refer to sample number listed in "station location" column when reporting results.

note: 24 hour turn around time

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mandy Butterworth	9/4/98 1400				FEDEX AIR BILL 807141900839

Received for Laboratory by: (Signature) P. Weaver Date / Time: 9-8-98 1:35 PM

Remarks: Send results to: OSC Janis Tsang, USEPA Region I ESO/HBC, JFK FEDERAL BLDG., BOSTON, MA 02203-0001
FAX results to: 207-929-6169
Site phone: 207-929-6167

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8082

TOTAL P.02
03-16-1999 08:36AM FROM GALSON LABS CENTER TO 9120792961 P.02

FROM: Kay Kostitzin
207-929-6162, 207-929-6167

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) Mandy L Butterworth, James J. Fein

USEPA REGION I ESD/HBR
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001
ATTN: OSC Janis Tsang

REMARKS
LAB: GALSON LABORATORY
EAST SYRACUSE, NY

★24 HOUR TURNAROUND TIME★

STA. NO.	DATE 1998	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos (NIOSH 7400)	Lead (NIOSH 7300)						REMARKS
001	9/8			X	A0908-01	1 cassette	X							Volume → NO SAMPLE → PUMP STOPPED WORKING
001	9/8	1530		X	L0908-01 east of bldg 2, command post			X	L45533-1					Volume: 997.5 L (2.178 L/min x 458 min)
002	9/8	1532		X	A0908-02 corner of depot st &		X		L45533-7					Volume: 852.6 L (2.03 L/min x 420 min)
002	9/8	1535		X	L0908-02 towle st, east of bldg 3			X	L45533-2					Volume: 922.75 L (2.0325 L/min x 454 min)
003	9/8	1536		X	A0908-03 east, across the street		X		L45533-8					Volume: 900.47 L (2.0055 L/min x 449 min)
003	9/8	1540		X	L0908-03 from corner of bldg 1			X	L45533-3					Volume: 935.55 L (2.079 L/min x 450 min)
001	9/9	1520		X	A0909-01 east of bldg 2, command post		X		L45533-9					Volume: 910.18 L (1.996 L/min x 456 min)
002	9/9	1520		X	A0909-02 corner of depot st &		X		L45533-10					Volume: 827.75 L (1.985 L/min x 417 min)
002	9/9	1500		X	L0909-02 towle st. east of bldg 3			X	L45533-4					Volume: 768.62 L (1.912 L/min x 402 min)
003	9/9	1528		X	A0909-03 east, across street from		X		L45533-11					Volume: 903.13 L (2.003 L/min x 451 min)
003	9/9	1530		X	L0909-03 corner of bldg #1			X	L45533-5					Volume: 907.65 L (2.022 L/min x 449 min)
004	9/9	1600		X	BLANK		X		L45533-12					
004	9/9	1600		X	BLANK			X	L45533-6					Note: refer to sample number listed in "Station location" column when reporting results
					Note: All volumes reported in Liters									
					Note: reported flow rates are averaged (L/min)									

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mandy L Butterworth	9/10/98 0845	-			FEDEX AIRBILL # 807141900861
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		
			9/11/98	1000	

Remarks: Send results to: OSC Janis Tsang
FAX RESULTS TO: 207-929-6169
Site phone: 207-929-6167
USEPA Region I ESD/HBR
JFK FEDERAL BLDG.
BOSTON, MA 02203-0001

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

L7935

Galson Laboratories
6601 Kirkville Road East
E. Syracuse, New York 13057
(315)-432-0506 or (800)-950-0506
Fax:(315)-437-0571

Request For Industrial Hygiene Analysis

Company Name: OHM / USEPA ROGERS FIBRE MILL, BAR MILLS, ME

Sampled By: Mandy Butterworth

Project #:

Send Report to: OSC Janis Tsang
USEPA Region 1 ESD/HBR
JFK Federal Bldg
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time (24 Hr. Turn-Around Time) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☒ Fax results to: OHM R.M. Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext.

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0910-01 OHM Remediation Services L45562-1 09/14/98 Air A0910-01	9/10/98	0.8 um cellulose ester filter	V= 976.11 L	Asbestos	NIOSH 7400
L0910-01 OHM Remediation Services L45562-9 09/14/98 Filter L0910-01	9/10/98	0.8u MCE filter	V = 989.5 L	Lead	NIOSH 7300
A0910-02 OHM Remediation Services L45562-2 09/14/98 Air A0910-02	9/10/98	0.8u MCE filter	V = 977.35 L	Asbestos	NIOSH 7400
L0910-02 OHM Remediation Services L45562-10 09/14/98 Filter L0910-02	9/10/98	0.8u MCE filter	V = 979.04 L	Lead	NIOSH 7300
L0910-03 OHM Remediation Services L45562-11 09/14/98 Filter L0910-03	9/10/98	0.8u MCE filter	V = 976.8 L	Lead	NIOSH 7300
L0910-04 OHM Remediation Services L45562-12 09/14/98 Filter L0910-04	9/10/98	0.8u MCE filter	V = 904.82 L	Lead	NIOSH 7300
A0910-05 OHM Remediation Services L45562-3 09/14/98 Air A0910-05	9/10/98	0.8u MCE filter	BLANK	Asbestos	NIOSH 7400
L0910-05 OHM Remediation Services L45562-13 09/14/98 Filter L0910-05 BLANK	9/10/98	0.8u MCE filter	BLANK	Lead	NIOSH 7300

* For passive monitors please list time exposed in minutes.

FED EX AIRBILL # 807141900909

Comments (Please list any known interferences present in sampling area): ~~Note: reported flow ms~~
Please refer to sample number listed in "Sample Identification" column when reporting results

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Mandy Butterworth	Mandy L Butterworth	9/11/98
Received by LAB.			9/14/98 1000

Samples received after 3pm will be considered as next day's business.

GALSON
Galson Laboratories
6601 Kirkville Road East
E. Syracuse, New York 13057
(315)-432-0506 or (800)-950-0506
Fax:(315)-437-0571

Company Name: OHM/USEPA Rogers Fibre Mill Bar Mills, ME

Sampled By: Mandy Butterworth

Project #:

Send Report to: OSC Janis Tsang
US EPA Region I JESD/HAR
JFK Federal Building
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time ~~24hr. Turn Around Time OR~~ ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☒ Fax results to: R.M. Joe Coleman OR ☒ Phone notification of results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext.

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0911-01 OHM Remediation Services 09/14/98 Air A0911-01	9/11/98	0.8μ MCE filter L45562-4	V=888.75 L	Asbestos	NIOSH 7400
L0911-01 OHM Remediation Services 09/14/98 Filter L0911-01	9/11/98	0.8μ MCE filter L45562-14	V=904.25 L	Lead	NIOSH 7300
A0911-02 OHM Remediation Services 09/14/98 Air A0911-02	9/11/98	0.8μ MCE filter L45562-5	V=915.46 L	Asbestos	NIOSH 7400
L0911-02 OHM Remediation Services 09/14/98 Filter L0911-02	9/11/98	0.8μ MCE filter L45562-15	V=898.25 L	Lead	NIOSH 7300
A0911-03 OHM Remediation Services 09/14/98 Air A0911-03	9/11/98	0.8μ MCE filter L45562-6	V=874.9 L	Asbestos	NIOSH 7400
L0911-03 OHM Remediation Services 09/14/98 Filter L0911-03	9/11/98	0.8μ MCE filter L45562-16	V=913.67 L	Lead	NIOSH 7300
A0911-04 OHM Remediation Services 09/14/98 Air A0911-04	9/11/98	0.8μ MCE filter L45562-7	V=893.43 L	Asbestos	NIOSH 7400
L0911-04 OHM Remediation Services 09/14/98 Filter L0911-04	9/11/98	0.8μ MCE filter L45562-17	V=921.86 L	Lead	NIOSH 7300

* For passive monitors please list time exposed in minutes.

FEDEX AIRBILL #

Comments (Please list any known interferences present in sampling area): * Please refer to sample number listed in "Sample Identification" column when reporting results

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Mandy Butterworth	Mandy Butterworth	9/11/98
Received by LAB.			9/14/98, 1000

Samples received after 3pm will be considered as next day's business.

Galson Laboratories
6601 Kirkville Road East
E. Syracuse, New York 13057
(315)-432-0506 or (800)-950-0506
Fax:(315)-437-0571

Request For Industrial Hygiene Analysis

Company Name: OHM/EPA Rogers Fibre Hill Bar Hills, ME

Sampled By: Mandy Butterworth Project #:

Send Report to: OSC Janis Tsang
US EPA Region 1 ESD/HBR
JFK Federal Building
Boston MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time (24-hr turn around) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☒ Fax results to: Joe Coleman OR ☒ Phone results to: Joe Coleman
Fax #: (202)-929-6169 Phone #: (202)-927 6167 ext.

Samples collected in New York State? Y N If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0911-05	9/11/98	BLANK		Asbestos	NIOSH 7400
OHM Remediation Services L45562-8 09/14/98 Air A0911-05 BLANK					
L0911-05	9/11/98	BLANK		Lead	NIOSH 7300
OHM Remediation Services L45562-19 09/14/98 Filter L0911-05					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					

* For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): *Please refer to sample number listed in "Sample identification" column when reporting results*

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Mandy Butterworth	Mandy Butterworth	9/11/98
Received by LAB.			9/14/98 1000

Samples received after 3pm will be considered as next day's business.

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

FROM: Roy F. Weston / OHM
207-929-6162 / 207-929-6167

(1 of 2)

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fiber Mill, Bar Mills, Maine

SAMPLERS: (Signature) Pasquale R

USEPA Region I ESD/HBR
JFK Federal Bldg.
Boston, MA. 02203-0001
ATTN: USC Janis Tsong

L = Liters
all flow rates are averages L/min

CAB: Galson Laboratory
East Syracuse, NY

REMARKS: refer to sample number listed in "station location" when reporting results

24 HOUR TURNAROUND TIME

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos (NIOSH 7400)	Lead (NIOSH 7300)		
01	9/14	1629		X	A0914-01 Corner of Depot & Tonle st. east of building #3	1 cassette	X		L45624-1	Volume = 1,035.31 L (2.144 L/min x 483 min)
01	9/14	1629		X	L0914-01 ↓			X	L45624-8	Volume = 997.02 L (2.069 L/min x 482 min)
02	9/14	1630		X	A0914-02 East of Building #1 across st. at 25 Depot rd		X		L45624-2	Volume = 978.72 L (2.039 L/min x 480 min)
02	9/14	1630		X	L0914-02 ↓			X	L45624-9	Volume = 988.56 L (2.060 L/min x 480 min)
03	9/14	1631		X	L0914-03 East of Building #1 next to telephone pole #17			X	L45624-10	Volume = 960.16 L (2.005 L/min x 479 min)
04	9/14	1633		X	A0914-04 On Excavator (hydraulic)		X		L45624-3	Volume = 954.79 L (1.986 L/min x 481 min)
04	9/14	1633		X	L0914-04 On Excavator (hydraulic)			X	L45624-11	Volume = 1,046.18 L (2.175 L/min x 481 min)
01	9/15	1358		X	A0915-01 Corner of Depot & Tonle st. east of Building #3		X		L45624-4	Volume = 785.30 L (2.152 L/min x 365 min)
01	9/15	1358		X	L0915-01 ↓			X	L45624-12	Volume = 748.10 L (2.044 L/min x 366 min)
02	9/15	1400		X	A0915-02 East of BLDG #1 across st. at 25 Depot rd.		X	X	L45624-5	Volume = 755.58 L (2.082 L/min x 363 min)
02	9/15	1400		X	L0915-02 ↓			X	L45624-13	Volume = 745.00 L (2.081 L/min x 358 min)
03	9/15	1359		X	A0915-03 East of BLDG. #1 across st. (telephone pole #17)		X		L45624-6	Volume = 750.49 L (2.091 L/min x 359 min)
03	9/15	1359		X	L0915-03 ↓			X	L45624-14	Volume = 761.66 L (2.134 L/min x 357 min)
(10) 04	9/15			X	A0915-04 On Excavator (hydraulic)		X		L45624-7	~~Volume = Filter Destroyed~~
04	9/15	1520		X	L0915-04 ↓			X	L45624-15	Volume = 937.42 L (2.131 L/min x 440 min)

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale R	9/15/98 1900				FedEx Air Bill # 8071 4190 1044
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
			9/16/98 1030	SEND Results to: USC Janis Tsong FAX Results to: 207-929-6169 site phone: 207-929-6167 USEPA Region I ESD/HBR JFK Federal Bldg. Boston, MA 02203-0001	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

[redacted] 1-7936 [redacted]

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

From: Roy F. Weston / OHM
207-929-6162, 207-929-6167

(2 of 2)

CHAIN OF CUSTODY RECORD

USEPA REGION I ESD/HBR
JFK FEDERAL BLDG
Boston, MA. 02203-0001
ATTN OSC Janis Tsang

REMARKS
LAB: Galson Laboratory
East Syracuse, NY

#24 HOUR TURNAROUND TIME

PROJ. NO.

PROJECT NAME: Rogers Fiber Mill, Bar Mills, Maine

SAMPLERS: (Signature) Pasquale R

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos (NIOSH 7400)	Lead (NIOSH 7300)					
05	9/15	1620		X	BLANK	1 cassette	X		vices				L45624-16
05	9/15	1620		X	BLANK	↓		X.	BLANK				
						OHM Remediation Services 02/16/98 Air			BLANK				L45624-7

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale R	9/15/98 1900			→	Fed Ex Air Bill # 807141901044
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time →	Received for Laboratory by: (Signature) [signature]	Date / Time 9/16/98 1030		

Remarks: SEND RESULTS TO: OSC Janis Tsang
USEPA REGION I ESD/HBR
JFK Federal BLDG.
Boston, MA. 02203-0001

FAX Results To: 207-929-6169
Site phone: 207-929-6167

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-7937

Galson Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: SHM / USEPA Rogers Fiber Mill Bucksport, ME

Sampled By: Pasquale Panza

Project #:

Send Report to: OSC Janis Tsang
USEPA Region 1 RSD/HAR
JFK Federal Bldg
Boston, MA 02203

Invoice to:

P.O. #: 91557

☐ Standard Turn-around Time (24-hour turnaround time) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☐ e mail

☒ Fax results to: OHM RM Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0916-01	9/16/98	0.8 µm cellulose ester filter	V = 1,004.60 L	Asbestos	NIOSH 7400
A0916-02	9/16/98	0.8 µ MCE filter	V = 968.29 L	Asbestos	NIOSH 7400
A0916-03	9/16/98	0.8 µ MCE filter	V = 948.01 L	Asbestos	NIOSH 7400
A0916-04	9/16/98	0.8 µ MCE filter	V = 1,000.96 L	Asbestos	NIOSH 7400
A0916-05	9/16/98	0.8 µ MCE filter	V = 1,051.52 L	Asbestos	NIOSH 7400
A0917-01	9/16/98	0.8 µ MCE filter	V = 948.75 L	Asbestos	NIOSH 7400
A0917-02	9/16/98	0.8 µ MCE filter	V = 918.01 L	Asbestos	NIOSH 7400
A0917-03	9/16/98	0.8 µ MCE filter	V = 869.76 L	Asbestos	NIOSH 7400

* For passive monitors please list time exposed in minutes.

FEDEX AIRBILL # 808562096229

Comments (Please list any known interferences present in sampling area): *Please refer to sample number listed in "Sample Identification" column when reporting results*

L = Liters

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Pasquale Panza	Pasquale Panza	9/18/98
Received by LAB.			9/18/98

Samples received after 3pm will be considered as next day's business.

Galson Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hyg

Company Name: OHM / USEPA Regar: Fibre Mill, Bar Mills, ME

Sampled By: Pasquale Panza

Project #:

Send Report to: OSC Janis Tsuna
US EPA Region 1 ESD/HBR
JFK Federal BLDG
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time 24-hour turn-around time OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☐ e mail

☒ Fax results to: OHM Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0917-04	9/17/98	0.8 µm Cellulose after filter	V= 904.25L	Asbestos	NIOSH 7400
A0917-05	9/17/98	0.8 µ MCE filter	V= 896.72L	Asbestos	NIOSH 7400
A0917-06	9/17/98	0.8 µ MCE filter	V= 880.44L	Asbestos	NIOSH 7400
BLANK	9/17/98	0.8 µ MCE filter	—	Asbestos	NIOSH 7400
Not USED					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					

* For passive monitors please list time exposed in minutes. FED EX AIRBILL # 808562096229

Comments (Please list any known interferences present in sampling area): * Please refer to sample number listed in "Sample Identification" column when reporting results
L = Liters

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Pasquale Panza	Pasquale Panza	9/18/98
Received by LAB		[signature]	9/21/98

Samples received after 3pm will be considered as next day's business.

Galson Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Request For Analysis

Company Name: OHM / USEPA Rogers Fibre Mill Bar Mills, ME

Sampled By:

Project #:

Send Report to: OSC Janis Tsang
US EPA Region 1 ESD/HDR
JFK Federal BLDG
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time (24 hour turn-around time) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☐ e mail

☒ Fax results to: OHM Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext.

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0918-01	9/18/98	0.8 µm cellulose ester filter	V= 762.52L	Asbestos	NIOSH 7400
OHM Remediation Services L45754-1 09/22/98 Air A0918-01					
A0918-02	9/18/98	0.8 µ MCE Filter	V= 862.61L	Asbestos	NIOSH 7400
OHM Remediation Services L45754-2 09/22/98 Air A0918-02					
A0918-03	9/18/98	0.8 µ MCE Filter	V = 823.14L	Asbestos	NIOSH 7400
OHM Remediation Services L45754-3 09/22/98 Air A0918-03					
A0918-04	9/18/98	0.8 µ MCE Filter	V= 798.54L	Asbestos	NIOSH 7400
OHM Remediation Services L45754-4 09/22/98 Air A0918-04					
A0918-05	9/18/98	0.8 µ MCE Filter	V = 817.09L	Asbestos	NIOSH 740
OHM Remediation Services L45754-5 09/22/98 Air A0918-05					
A0919-01	9/19/98	0.8 µ MCE Filter	V = 765.51L	Asbestos	NIOSH 74
OHM Remediation Services L45754-6 09/22/98 Air A0919-01					
A0919-02	9/19/98	0.8 µ MCE Filter	V= 764.13L	Asbestos	NIOSH 7400
OHM Remediation Services L45754-7 09/22/98 Air A0919-02					
A0919-03	9/19/98	0.8 µ MCE Filter	V= 670.96L	Asbestos	NIOSH 7400
OHM Remediation Services L45754-8 09/22/98 Air A0919-03					

* For passive monitors please list time exposed in minutes.

FED EX AIR BILL # 808 562096 207

Comments (Please list any known interferences present in sampling area): * Please refer to Sample number listed in "Sample Identification" column when reporting results *
L = Liters

Chain of Custody	Print Name	Signature	Date
Relinquished by:	PASQUALE PANZA	Pasquale Panza	9/21/9
Received by LAB.			

Samples received after 3pm will be considered as next day's business.

Galson
Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: OHM / US EPA Regis Fibre Mill Bar Mills ME

Sampled By:

Project #:

Send Report to: OSC Jonas Tsang
US EPA Region 1 ESD/HBR
JFK Federal Bldg.
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time

☐ e mail

☒ Fax results to: OHM Joe Coleman

Fax #: (207)-929-6169

24 hour turn around time

OR

☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

OR

☒ Phone results to: Joe Coleman

Phone #: (207)-929-6167 ext.

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
Blank This Space for LAB use only	9/19/98	0.8 um Cellulose ester filter	—	Asbestos did not receive	NIOSH 7400
Not USED This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					

* For passive monitors please list time exposed in minutes. FED Ex AIRBILL # 808562096207

Comments (Please list any known interferences present in sampling area):

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Pasquale Panza	Pasquale [illegible]	9/21/98
Received by LAB.		[illegible]	[illegible]

Samples received after 3pm will be considered as next day's business.

Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Company Name: OHM / USEPA Rogers Fibre Mill Bar Mills, ME

Sampled By: Pasquale Parrea

Project #:

Send Report to: OSC Janis Tsang
US EPA Region 1 ESD/HAR
JFK Federal Bldg
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time (24 hour turn around time) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☐ e mail

☒ Fax results to: OHM Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext.

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0921-01	9/21/98	0.8μ MCE filter	V= 965.48L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-1 09/25/98 Air A0921-01					
A0921-02	9/21/98	0.8μ MCE filter	V= 979.43L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-2 09/25/98 Air A0921-02					
A0921-03	9/21/98	0.8μ MCE filter	V= 957.67L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-3 09/25/98 Air A0921-03					
A0921-04	9/21/98	0.8μ MCE filter	V= 961.57L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-4 09/25/98 Air A0921-04					
A0922-01	9/22/98	0.8μ MCE filter	V= 818.58L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-5 09/25/98 Air A0922-01					
A0922-02	9/22/98	0.8μ MCE filter	V= 827.29L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-6 09/25/98 Air A0922-02					
A0922-03	9/22/98	0.8μ MCE filter	V= 863.63L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-7 09/25/98 Air A0922-03					
A0922-04	9/22/98	0.8μ MCE filter	V= 894.61L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-8 09/25/98 Air A0922-04					

* For passive monitors please list time exposed in minutes. Fed Ex Air Bill #

Comments (Please list any known interferences present in sampling area): * Please refer to sample number listed in "Sample Identification" column when reporting results *

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Pasquale Parrea	Pasquale Parrea	9/24/98
Received by LAB.			9/25/98, 1004

Samples received after 3pm will be considered as next day's business.

Galson Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: OHM / US EPA — Rogers Fibre Mill, Bar Mills, ME

Sampled By: Pasquale Panza

Project #:

Send Report to: OSC Janis Tsang
US EPA Region 1 ESO/HAR
JFK Federal Bldg.
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time (24 hour turnaround time) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☐ e mail

☒ Fax results to: OHM Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6169 Phone #: (207)-929-6167 ext

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0923-01	9/23/98	0.8 μ MCE filter	V= 972.13L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-9 09/25/98 Air A0923-01					
A0923-02	9/23/98	0.8 μ MCE filter	V= 997.12	Asbestos	NIOSH 7400
OHM Remediation Services L45849-10 09/25/98 Air A0923-02					
A0923-03	9/23/98	0.8 μ MCE filter	V= 936.59L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-11 09/25/98 Air A0923-03					
A0923-04	9/23/98	0.8 μ MCE filter	V= 962.89L	Asbestos	NIOSH 7400
OHM Remediation Services L45849-12 09/25/98 Air A0923-04					
BLANK	9/23/98	0.8 μ MCE filter	V= NA	Asbestos	NIOSH 7400
OHM Remediation Services L45849-13 09/25/98 Air BLANK					
NOT USED					
This Space for LAB use only					
This Space for LAB use only					
This Space for LAB use only					

* For passive monitors please list time exposed in minutes. Fed Ex Airbill #

Comments (Please list any known interferences present in sampling area): * Please refer to the sample number listed in "sample Identification" column when reporting results *
NA = Not Applicable

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Pasquale Panza	[signature]	9/24/98
Received by LAB.		[signature]	9/25/98, 0:40

Samples received after 3pm will be considered as next day's business.

Galson Laboratories
6601 Kirkville Road
P.O. Box 369
E. Syracuse, NY 13057
Tel: (315) 437-7252 888- 577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: OHM / US EPA Rogers Fibre Mill Bar Mills ME

Sampled By: Pasquale Panza

Project #:

Send Report to: OSC Janis Tsang
US EPA Region 1 ESD/HBB
JFK Federal Bldg
Boston, MA 02203-0001

Invoice to:

P.O. #:

☐ Standard Turn-around Time (24 hr turnaround time) OR ☒ Rush! Date and Time needed: / / am pm
Advance Notification Required. See fee schedule for surcharges.

☐ e mail

☒ Fax results to: OHM Joe Coleman OR ☒ Phone results to: Joe Coleman

Fax #: (207)-929-6167 Phone #: (207)-929-6162 ext.

Samples collected in New York State? Y (N) If yes, OSHA Compliance? Y N

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Required	Method Reference
A0924-01	9/24/98	0.8μ MCE filter	V= 872.02 L	Asbestos	NIOSH
A0924-02	9/24/98	0.8μ MCE filter	V= 855.57 L	Asbestos	NIOSH
A0924-03	9/24/98	0.8μ MCE filter	V= 822.17 L	Asbestos	NIOSH
A0925-01	9/25/98	0.8μ MCE filter	V= 934.33 L	Asbestos	NIOSH
A0925-02	9/25/98	0.8μ MCE filter	V= 949.04 L	Asbestos	NIOSH
TRI BLANK	9/25/98	0.8μ MCE filter	—	Asbestos	NIOSH
Not USED					
This Space for LAB use only					
This Space for LAB use only					

* For passive monitors please list time exposed in minutes. Fed Ex # 8027141901011

Comments (Please list any known interferences present in sampling area): * Please Refer to the sample number listed in "Sample Identification" Column when reporting results *

Chain of Custody	Print Name	Signature	Date
Relinquished by:	Pasquale Panza	Pasquale Panza	9/28/98
Received by LAB.			9/28/98 1:00

Samples received after 3pm will be considered as next day's business.

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

LAB: Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) Pasquale R[illegible]

REMARKS: All samples preserved w/ ice

STA. NO.	DATE 1998	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	SVOC	RCRA Metals + Cu + Ni + Zn					EPA Card No.	
082	9/18	1601	X		dark brown fine-medium grained Soil	1-8oz	X	X					08725 East of BLDG #1 Northern most point 8' from inner wall	18610
083	9/18	1602	X		dark brown fine-medium grained Soil	1-8oz.	X	X					08726 East of BLDG #1 Center sample point 6' from outer wall.	18611
084	9/18	1603	X		dark brown fine-medium grained soil with ½" cobbles	2-8oz.	X	X					08727 East of BLDG # Southwest Corner 4' inner wall Southern most sample	18612
085	9/18	1800		X	PE-362107	1-vial	X						08728 PE Sample	18623
086	9/18	1800		X	PE-ICC00787	1-2oz		X					08729 PE Sample	18624

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale R[illegible]	9/18/98 1700				FEDEX AIR BILL # 808562096218
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [illegible]	Date / Time 9/19/98 1030		

Remarks: send results to: OSC Janis Tsang
site fax #: 207-929-6169
site phone #: 207-929-6167
TURN AROUND TIME = 5 DAYS

Distribution: Original Accompanies Shipment, Copy to Coordinator Field Files

1-7969

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

OHM / Roy F. Weston - START
207-929-6162/207-929-6165

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) James J. Jein, Pasquale Rose

LAB: AMRO ENV. LAB.
111 Herrick St.
Merrimack, NH
03054

REMARKS
NOTE: Samples preserved with ice

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos						EPA SAMPLE CARD NO.
082	9/23/98	1439		X	Dark brown, fine-medium, grained soil	1x4oz.	X						09404 East of bldg. No. 1 & concrete wall
083	↓	1441		X	Dark brown, fine-medium grained soil	1x4oz.	X						09405 East of bldg. No. 1 & concrete wall
084	↓	1443		X	Dark brown, fine-medium grained soil	1x4oz.	X						09406 East of bldg. No. 1 & concrete wall
					#20440								Turn Around Time: 3 DAYS
													U.S. EPA Region I ESD/HBR
													JFK Federal Bldg.
													Boston, MA 02203-0001
													Attn: OSC Janis Tsang

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale Rose	9/24/98 1200	Joseph E Coleman	Joseph E Coleman	9/24/98 1215	FED EX AIR BILL # 808562096159
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[illegible]	9/25/98 2:15pm	SEND RESULTS TO: OSC JANIS TSANG (EPA) Site FAX #: 207-929-6169 Site phone #: 207-929-6167 TURN AROUND TIME = 3 DAYS	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ENVIRONMENTAL PROTECTION AGENCY
REGION 1

CHAIN OF CUSTODY RECORD

AMRO # 20160

LAB: AMRO Envir. Laboratories
111 Merrick St.
Merrimack, NH 03054

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) [signature]

NO. OF CONTAINERS

UE 086 as MS/MSD

EPA Cooler # EPA 7004

REMARKS: All sample preserved with Ice

#089 - Irritant (!) Fingerprint milled supply 60138/ Total Metals Hexane

EPA Sample Card No. 085 needs: Air, Cu, Zn/PCB/Metals

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	SVOCs	PCBs	Total Metals: Pb, Cu, Zn	TPH - Method 5030/8015	pH / VOCs	Flash Point	
085	9/25/98	1400		X	Hydraulic Oil, Yellow-Brown	1-40ml	OI						08730 BLDG. #1 (Elevator shaft) inside of piston casing
086		1405		X	Brown red. ground soil (PD) Sandy/soil	1-16oz.		X	X	X			08731 BLDG #1 Adjacent to Elevator shaft
087		1406		X	Black sludge	2-16oz.	X	X	X				08732 BLDG #1 Between Center and North clarifier
088		1408		X	Blue/white/black colored sludge	2-16oz.	X	X	X				08733 BLDG #1 20 feet north of 087 MS/MSD
089		1355		X	Red Colored Clay like material	2-16oz.	X	X	X				08734 BLDG #3 Extreme North East corner Mixer Not to
090		1500		X	Rubber and white chips	1-16oz. 1-2oz.					X	X	08735 West Tumbler (digester)
091		1450		X	Yellow-Red-brown Rubber	1-16oz. 1-2oz.					X	X	08736 Center Tumbler (digester)
092		1435		X	Cloth (material) gray color and Metal	1-16oz. 1-2oz.					X	X	08737 East Tumbler (digester)
RB01		1515		X	Agar Rinsate Blank	1-16oz.	X	X	X				08738 Rinsate Blank
TB01		1530		X	Trip Blank	1-16oz.	X	X	X		X		08739 Trip Blank
PE1	9/25/98	1800		X	PE - AW045	1-Vial					X		08740 PE Sample (VOCs)
PE2		1800		X	PE - 0021471	1-Vial		X					08741 PE Sample (PCB)
PE3		1800		X	PE - TCC01014	1-2oz.			X				08742 PE Sample (Metals)
PE4		1800		X	PE - 0005613	1-Vial	X						08743 PE Sample (SVOCs)
Temp.	9/25/98	1530		X	Temperature Blank	1-2oz.							Temperature blank

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	9/25/98 1900			→	FedEx Airbill # 807141901033
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
	→	[signature]			

Remarks: Send Results to: OSC Janis Tsang
Site Fax: 207-929-6169
Site phone: 207-929-6167
TURNAROUND TIME: 5 days

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-7970

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

[illegible]
11 ALMGREN DRIVE
AGAWAM, MA 01001

ONM P.O. 93332
AND P.O. 93336

PROJ. NO.

PROJECT NAME: ROGERS FIBRE MILL SITE

SAMPLERS: (Signature) [signature]

STA. NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	ASBESTOS IN SOIL	SVOC	RCRA METALS	TCLP SVOC	TCLP METALS	VOC	REMARKS: 7 BDAY TURNAROUND - VOC, ACM; 5 DAY TURNAROUND - OTHER
101	10/1/98	0910	X		B#1, FRONT WALL, 0-1'	2	X	X	X	X	X		07971
111	10/1/98	1120	X		B#1, SOUTH END, 0-1'	2	X	X	X	X	X		07972
121	10/2/98	1015		X	TK-01	2	X	X	X	X	X		07973
124	10/2/98	1025		X	TK-04	2	X	X	X	X	X		07974
130	10/2/98	1100		X	TK-10	2	X	X	X	X	X		07975
131	10/2/98	1045		X	TK-11	2	X	X	X	X	X		07976
133	10/1/98	1445	X		B#1, PILLARS, BLACK LAYER	1		X	X	X	X		07977
143	10/2/98	1115	X		B#1, CONCRETE, B-3	1		X	X	X	X		07978
151	10/1/98	1510	X		CONCRETE ROOFING LAYER	2	X	X	X	X	X		07979
152	10/1/98	1520	X		CONCRETE ROOFING LAYER	2	X	X	X	X	X		07980
153	10/1/98	1405	X		RILER BANK, NORTH, 0-1'	3	X	X	X	X	X	X	07981
154	10/1/98	1410	X		RILER BANK, CENTER, 0-1'	3	X	X	X	X	X	X	07982
155	10/1/98	1415	X		RILER BANK, SOUTH, 0-1'	3	X	X	X	X	X	X	07983
156	10/1/98	1420	X		ISLAND BANK, NORTH, 0-1'	3	X	X	X	X	X	X	07984
157	10/1/98	1425	X		ISLAND BANK, CENTER, 0-1'	3	X	X	X	X	X	X	07985

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	10/2/98 1430	FEDEX AIRBILL	80714P00920 AND	80714190093 1	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		Lee Copson	10-3-98 1200	SEND RESULTS TO OSC JAMES THANE SITE FOR 207-929-6169 PHONE 207-929-6187	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

[redacted], [redacted] DRIVE
OGUNQUIT, MA 01001

PROJ. NO.

PROJECT NAME: ROGERS FIBRE MILL SITE

SAMPLERS: (Signature)

ONM P.O. 93322
AND P.O. 93336

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	ASBESTOS IN SOIL	SVOC	PERM METALS	TCLP SVOC	TCLP METALS	VOC	REMARKS: VOC DCM, DRY AND ALL OTHERS
158	10/1/98	1430	X		ISLAND BANK, SOUTH, 0-1'	3	X	X	X	X	X	X	~~07977~~ TJ
159	10/1/98	1440	X		BUILDING #2, NORTH, 0-1'	3	X	X	X	X	X	X	07987
160	10/1/98	1450	X		BUILDING #2, CENTER, 0-1'	3	X	X	X	X	X	X	07988
161	10/1/98	1500	X		BUILDING #2, SOUTH, 0-1'	3	X	X	X	X	X	X	07989
163	10/1/98	1505	X		BUILDING #3, SHORE, 0-1'	3	X	X	X	X	X	X	07990
172	10/1/98	1600		X	RINSATE BLANK			X	X	X	X	X	07991
173	10/1/98	1605		X	TRIP BLANK							X	07992
175	10/2/98	1125			BUILDING #1 - SOIL		X				TJ	~~X~~	07993
176	10/2/98	1030		X	PE-0026356							X	07994
177	10/2/98	1030		X	PE-ICC00890				X				07995
178	10/2/98	1030		X	PE-0024990			X					07996
104	10/2/98	1125		X	BUILDING #1 SOIL		X				TJ	~~X~~	07998
107	10/2/98	1120		X	BUILDING #1 SOIL		X				TJ	~~X~~	07999
~~113~~	10/2/98			~~X~~	TJ								~~08000~~ TJ
118	10/2/98	1120		X	BUILDING #1 SOIL		X				TJ	~~X~~	08000

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	10/2/98 1430	FEDEX 807141900931	AND 807141900920		
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
			10-3-98 1200	SEND RESULTS TO OSC JAMIS TSANG SITE FAX - 207-929-6469 PHONE - 207-929-6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8204

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

717 MIDDLESEX TURNPIKE
BURLINGTON MA 01903 781-779-6430

PROJ. NO. 19023

PROJECT NAME BARMILLS, ME. REGENS FIBRE MILL

SAMPLERS: (Signature) [signature]

SENT TO: EPA NERL
60 WESTVIEW STREET
LEXINGTON, MA 02173
ATTN: SCOTT CLIFFORD

REMARKS
* PLEASE RETAIN ALL XRF CUPS *

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF METALS (KELEX)						EPA NO.
101	10/1/98	0910		X	B#1 - FRONT WALL	1	X						07971
111	"	1120		X	B#1 - SOUTH END	1	X						07972
114	"	1140		X	B#1 - ~~SLB~~ BASEMENT	1	X						64893
118	"	1140		X	B#1 - SLB BASEMENT	1	X						64894
122	10/5/98	1545		X	TANK - TK02	1	X						64895
123	"	1555		X	TANK - TK03	1	X						64896
126	10/6/98	1500		X	TANK - TK06	1	X						64897
127	10/5/98	1630		X	TANK - TK07	1	X						64898
133	10/2/98	1445		X	PILLARS - BLACK LAYER	1	X						07977
135	10/6/98	1625		X	SLB BASEMENT - CONCRETE	1	X						64899
139	10/5/98	1645		X	CONCRETE (A-4)	1	X						64900
145	10/5/98	1705		X	CONCRETE (B-5)	1	X						64901
148	10/6/98	1556		X	CONCRETE (C-3)	1	X						64902
159	10/1/98	1440		X	B#2 (NORTH) 0-1'	1	X						07987
173	10/7/98	0970		X	ISLAND WEST B#1	1	X						07992

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	10/19/98 0930	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature]	Date / Time 10/19/98 0930	Remarks OSC JAMES TSANG FAX 207 929-6169 PHONE 207 929-6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8050

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

COLLECTED BY: ROY F. WESTON, INC. REGION I STANT 217 MIDDLESEX TURNPIKE BURLINGTON, MA 01803

PROJ. NO.	PROJECT NAME
99003	ROGERS FIBRE MILL SITE BOYS MILLS, ME

SAMPLERS: (Signature) [signature]

REMARKS: ATTENTION TIM JONES 781-229-6430 X240

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	LOW/MID BRA (SOLID)	LOW/MID BRA (LIQUID)					REMARKS
174	10/2/98	0900		X	BUILDING 3 - SOUTH END	1 2	X	X					07997 - RED SLUDGE MATERIAL
												*	POSSIBLE IRRITANT TO EYES,
													NOSE AND THROAT. *
174	10/2/98	0900		X	BUILDING 3 - SOUTH END	1		X					64791 - SURFACE WATER BELOW DAM, NEAR SLUDGE

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	10/5/98 0850				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
				FAX	
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature]	Date / Time 10/5/98 0850		

Remarks: ~~SEND~~ RESULTS TO OSC JAMES TSANG @ ROGERS FIBRE MILL PHONE - 207-929-6167 FAX - 207-929-6169

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

— NEWL —

1-8305

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill Site

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Metals (Cr, Zn, Ti, Th)	TCLP Metals (Cr, Zn, Ti, Th)					REMARKS 5T Day TAT
121	10/2/98	1015		X	7K01	2	X	X					07972 20350

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Joseph E Coleman	10/2/98				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Remarks: Send Results to OSC Janis Tsang
Site Fax 207-929-6169
Phone 207-929-6167

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

P.O. # 93336

LAB: Spectrum Analytical
11 Almgren drive
Agawam, MA 01001

All Samples preserved with Ice

REMARKS EPA Cooler No. EPA 1234

PROJ. NO.

PROJECT NAME: Roger Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Pasquale Rge [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos	Total VOCs					EPA Sample Card No.:	Description:
201	10/15/98	1505		X	Bldg. #1 near stairs Basement w/ Adm	1-4oz	X						64873	Particle board from wall
~~175~~ 204		1505			Bldg #1 adjacent to ~~North~~ Center Clarifier		X						~~07993~~ 64876	Material @ white/brown color
~~176~~ 205		1508			Bldg #1 South east corner in Basement		X						~~07994~~ 64892	Particle board on floor
~~177~~ 206		1510			Bldg. #1 South east in Basement		X						~~07995~~ 64877	Particle board material
~~178~~ 207		1510			Building #1 South east in Basement		X						07996 64878	Nylon screen like material
179		0955			Adjacent to 159	1-2oz		X					64851	Tan Sandy silt
180		1000			Adjacent to 160			X					64852	Gray clay with sand
181		1001			5 feet South of 161			X					64853	Gray clay with sand
182		1006			Adjacent to 162			X					64854	Brown sandy soil
183		1015			Road shoulder (Bldg #3)			X					64855	Brown/Tan fill material
184		0920			Adjacent to 174			X					64856	Fine grained Red material
185		1500			Bldg #1 Between New and old wall (N)			X					64857	Tan Sandy clay
186		1500			Bldg #1 Between New & old wall (S)			X					64858	Gray sediment/clay
187		1450			10 feet North from Center of North Clarifier			X					64859	Purple Material and Brown/gray clay
188		1440			Bldg #1 between Center and South Clarifier			X					64860	Red/Brownish green clay

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale Rge	16 Oct. 98 1900				Fed Ex airbill: 808562096343
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Lee Copson	Date / Time 10-17-98 0930		

Remarks: Send results to: OSC Janis Tsang
site Fax 207-929-6169
site phone 207-929-6167
Turn Around Time: 7 days

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8341

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers ~~Fibre~~ Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Pasquale Bo[illegible] [illegible]

LAB: Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

All samples preserved with Ice

REMARKS EPA Cooler No. EPA 1234

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Cyanide						EPA ~~Cooler~~ Sample card No.:	Description:
179	10/15/98	0955		X	Adjacent to 159	1-803	X						64851	Tan sandy soil
180		1000			Adjacent to 160								64852	Gray clay with sand
181		1001			5 feet south of 161								64853	Gray clay with sand
182		1006			Adjacent to 162								64854	Brown sandy soil
183		1015			Road Shoulder (Bldg. #3)								64855	Brown/tan fill material
184		0920			Adjacent to 174								64856	Fine grained red material
185		1500			Bldg #1 Between New & Old wall (N)								64857	Tan sandy clay
186		1500			Bldg #1 between New & old wall (S)								64858	Gray sediment/clay
187		1450			10 feet North from exterior center of North clarifier								64859	Purple material and Brown/gray clay
188		1440			Bldg #1 between center and south clarifier								64860	Red/Brownish green clay
189		1435			Southeast corner of Bldg #1								64861	Red material and gray clay
190		1130			Adjacent to elevator piston								64862	Brown sandy soil
191		1125			Adjacent to end of existing roadway (088)								64863	Blue/white/black colored sludge
192		1115			Adjacent to 087								64864	Black sludge
193		1115			10 feet from sluiceway in Bldg #1								64865	Fine sediment (brown in color)

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale Bo[illegible]	16 Oct. 98 / 1900				Fed Ex Air bill 808562096343
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		
		Lee Cogan	10-17-98 / 0930		

Remarks: Send Results to: OSC Janis Tsang
site Fax: 207-929-6169
site phone: 207-929-6167
7 day Turn Around Time

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8339

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

P.O. # 93336

LAB: ~~Sep~~ Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Pasquale Rizzo [signature]

All sample preserved with Ice

REMARKS EPA Cooler No. EPA1234

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total VOCs	Asbestos					EPA Sample Card No.:	Description:
189	10/15/98	1435		X	Southeast Corner of Bldg #1	1-2oz	X						64861	Red material and Grayish clay
190		1130			Adjacent to elevator piston								64862	Brown sandy soil
191		1125			Adjacent to end of existing raceway (088)								64863	Blue/white/black colored sludge
192		1115			Adjacent to sample location 087								64864	Black sludge
193		1115			approx. 10 ft from Sluiceway in Bldg #1								64865	Fine sediment (brown color)
194		1105			From Southwest corner Bldg #1 Filter bed								64866	Brown Fine sand
195		1105			approx. 5 ft from Sluiceway outside B#1								64867	Brown Fine sediment
196		0940			Adjacent to ~~EPA~~ 17; Island west of Bldg #1								~~68~~ 64868	Red/brown medium grained sandy soil
197		1052			Adjacent to Southwest exterior corner B#1								64869	Red/brown medium grained sandy soil
198		1052			Adjacent to Southwest corner of east bridge pier								64870	Tan Medium sand
199		1515			Trip Blank								64871	
—	—	—	—	—	Temperature Blank	1-2oz							Temperature Blank	
200	10/15/98	1530		X	PE-0006028	1-vial	X						64872	90001 L/M VOCs in H_2O
203	10/15/98	1520		X	Adjacent to concrete pile Road shoulder	1-4oz		X					64875	Brown/Tan paper material

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale Rizzo	16 Oct 98 / 1900				Fed Ex Airbill 808562096343
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		
		Lee Cypom	10-17-98 / 0930		

Remarks Send Results to: OSC Jonis Tsang
site Fax: 207-929-6169
site phone: 207-929-6167
7 day Turn Around Time

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8338

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Pasquale [signature] [signature]

LAB: Spectrum Analytical
11 Almgren Drive
Agawam, MA. 01001

All samples preserved with Ice

REMARKS EPA Cooler No. EPA1234

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Cyanide						EPA Sample Card No.	Description:
194	10/15/98	1105		X	From Southeast corner Bldg #1 Filter bed	1-8 oz	X						64866	Brown fine sand
195	↓	1105		↓	5 ft from sluiceway outside Bldg 1	↓	↓						64867	Brown fine Sediment
196		0940			Adjacent to 171, Island west of B1								64868	Red/Brown Med. grained Sandy soil
197		1052			Southwest exterior corner of Bldg 1								64869	Red/Brown Med. grained Sandy soil
198		1052			Southeast corner of east bridge pier								64870	Tan medium sand
202	10/15/98	1530		X	PE-0014453		X						64874	90-006 L/M cyanide mat'l O

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale [signature]	16 Oct. 98 / 1900				Fed Ex Airbill: 808562096343
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Zee Copson	Date / Time 10-17-98 / 0930		

Remarks: Send Results to: OSC Janis Tsang
site Fax: 207-929-6169
site Phone: 207-929-6167
7 day Turn Around Time

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8340

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
99029	Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Pasquale Rosa [signature]

LAB: NERL
60 Westview Street
Lexington, MA.

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS							EPA Sample Card No.	REMARKS
208	10/22/98	1100		X	BLDG #1, Approximately 50' NW [illegible]	1-4oz	X						64879	Red/Brown Loam
209		1330			River Bank adjacent to Sluiceway								64880	Multicolored clay
210		1440			BLDG #2 (Southern sample) [illegible] 161								64881	Gray sediment (fine grained)
211		1430			Between BLDGs 3&4, adjacent to 163								64882	Gray fine sediment
212		1015			BLDG #1, Adjacent to 101								64883	RED SLUDGE
213		1030			BLDG #1, Adjacent to ~~43~~ 109								64884	GRAY/TAN SANDY SOIL
214		1025			BLDG #1, Adjacent to 105								64885	Fine Grayish Sediment 6-24"/0-6" light tan sand
215		1030			BLDG #1, Adjacent to 107								64886	0-24" Red material (small amounts of sand)
216		1100			BLDG #1, Adjacent to ~~2~~ 111								64887	RED/BROWN SLUDGE/SOIL
217		1115			BLDG #1, Adjacent to 112								64888	0-12" RED SLUDGE, BROWN SAND
218		0915			BLDG #1, subbasement, in Red material								64889	0-12" Red material/12"-24" fine black sediment
219		0900			Island, west BLDG #1, Adjacent to 173								64890	0-6" Dark brown sandy loam/6-24" Black loam
220		0900			Island, west BLDG #1, Adjacent to 171								64891	0-15" Red Material/15"-24" light tan sand
221		1130			BLDG #1 center Clarifier, concrete chip								64807	Concrete chip stained dark maroon
222		1115			BLDG #1, basement, black material on wall								64808	Black residue on wall

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale Rosa	10/22/98 1700	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
[signature]	10/23/98 0830	[signature]	10/23/98 0830	Send Results to: OSC Janis Tsang St Fax: 207-929-6169 Site Phone: 207-929-6167	

Distribution: Original Accompanies Shipment/Copy to Coordinator Field Files

1-8301

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

LAB: NERL
60 Westview Street
Lexington, MA.

PROJ. NO.: 99029

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Pasquale [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Tf						REMARKS: EPA Sample Card No.
223	10/22/98	0915		X	BLDG #1, inside of Vertical Penstock	1 4oz	X						64809 Black sludge and debris ✓
224	↓	1400		↓	Island Pond, Adjacent to 156 stone way		↓						64810 BLACK SILTY CLAY ✓
225	↓	1420		↓	BLDG #1, basement inside filtered		↓						64811 TAN SAND ✓
226	↓	1430		↓	BLDG #, First Floor Fiberglass like		↓						64812 MULTICOLOR RESINS ✓
Not used													

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale [signature]	10/22/98 1700	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		Remarks
[signature]	10/23/98 0830	[signature]	10/23/98 0830		Send results to: OSC Janis Tonny site fax 207-929-6169 site phone: 207 929-6167

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8306

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) [signature]

LAB: AMRO Env. Laboratories
111 Herrick St.
Merrimack, NH 03054

REMARKS: All samples preserved with ice and HNO_3 pH <2

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Hardness	Total Metals	Dissolved Metals				EPA Sample Card No.
228	10/28/98	1415		X	Sluice Outlet (undisturbed)	1-1 litre	X	X					64814 Unfiltered
229	10/28/98	1430		X	Adjacent to Elevator Piston (disturbed)	1-1 litre	X	X					64815 Unfiltered
230	10/28/98	1431		X	Adjacent to Elevator Piston (disturbed)	1-1 litre	X		X				64816 Filtered (0.45 micron pore size)

* PEs will follow *

AMRO # 20930

48 Hours TAT
OHM Contact: Barry Taggart
1-800-242-4644

~~FEDEX AER~~

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	10/28/98 1730				Fed Ex Airbill # 808 562096295
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature]	Date / Time 10/29/98 9:45	Remarks: Send Results to: OSC Janis Tsang site fax: 207-929-6169 site phone: 207-929-6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-7981

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill Bar Mills ME

SAMPLERS: (Signature) Pasquale [illegible]

Lab: Spectrum Analytical
11 Almgren Drive
Agawam, MA 01001

REMARKS: All sample preserved with ICE
OHM/IT contact Barry Taggart
1 800 242 4644

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC (method 8260)	SVOC (method 8270)	Total metals	Dissolved metals	Total Hardness	TDS (method 160.1)	TSS (method 160.2)	Turbidity	REMARKS
232	10/29/98	1400		X	in surface [illegible] between 15 & 15 7	6	X	X	X		X	X	X	X	Unfiltered
233	10/29/98	1400		X	in surface [illegible] between 15 & 15 7	4		X		X	X	X			Filtered (0.45 micron)
234	10/29/98	1415		X	Adjacent to Sluice Outlet in [illegible]	6	X	X	X		X	X	X	X	Unfiltered
235	10/29/98	1415		X	Adjacent to Sluice Outlet in [illegible]	[illegible]		X		X	X	X			Filtered (0.45 micron)
236	10/29/98	1430		X	Adjacent to Elevator Piston	6	X	X	X		X	X	X	X	Unfiltered
237	10/29/98	1430		X	Adjacent to Elevator Piston	4		X		X	X	X			Filtered (0.45 micron)
238	10/29/98	1500		X	PE 0013830	1 vial	X								PE sample 90-001
239	10/29/98	1500		X	PE 0006272	1 vial		X							PE sample 90-002
240	10/29/98	1500		X	Trip Blank	2	X								
241	10/29/98	1500		X	PE 0001067				X						PE sample 90-004

VOCs preserved with HCl
Metals and Hardness preserved with
HNO_3 pH<2

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale [illegible]	10/30/98 1510				Fed Ex
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [illegible]	Date / Time 10/30/98 1510		

Remarks: Send results to: OSC Janis Tsang
site fax: 207-929-6169
site phone: 207-929-6167
3 DAY TAT

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8059

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

~~Fed Ex~~ ⑩ Fed Ex 806486518046

Page 1 of 2

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 13 Nov. 98
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Junis Tsang
Site FAX: 207 929-6169
Site phone 207 929-6167

Project Mgr.:

Invoice To: Joe Coleman
IT Group
Site phone 207 929-6162

P.O. No.: RQN:

Project No.: 777387-1110
Site Name: ROGERS FIBRE MILL SITE
Location: BAR MILLS State: ME
Sampler(s): Pasquale Pa

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=CONCRETE X2=RINSATE BLANK

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP METALS	Notes:
AB	STA 242	11/9/98	0910	G	SO	7						X	BROWN SOIL
AB	STA 243	11/9/98	0900	G	X1	7						X	CONCRETE CHIPS
AB	STA 244	11/~~6~~ 4/98	1230	G	X1	7						X	CONCRETE CHIPS
AB	STA 245	11/9/98	0900	G	X1	7						X	CONCRETE CHIPS
AB	STA 246	11/9/98	0920	G	SO	7						X	LT BROWN SOIL
AB	STA 247	11/9/98	0920	G	SO	7						X	LT BROWN SOIL
AB	STA 248	11/9/98	0930	G	SO	7						X	DK BLACK SOIL
AB	STA 249	11/9/98	0900	G	SO	7						X	DK BROWN SOIL
AB	STA 250	11/10/98	0930	G	SO	7						X	LT ~~TAN~~ GRAY SANDY SOIL
AB	RB010	11/9/98	1000	G	X2	7						X	RINSATE BLANK

Additional Instructions: EPA Cooler # EPAABC01

☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Pa			
10 Nov. 98 1800			
[illegible]	[illegible]	11-11-98	[illegible]

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

CHAIN OF CUSTODY RECORD

SPECTRUM ANALYTICAL

~~Tab 4(B)~~
Ref # 806486518046

Page 2 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 13 Nov 98
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Louis Tsang
site fax: 207-929-6169
site phone: 207-929-6167
Project Mgr.:

Invoice To: Joe Coleman
TT Group
site fax: 207 929 6169
site phone: 207 929-6162
P.O. No.: RQN:

Project No.: 777387-1110
Site Name: ROBERTS FARM HILL SITE
Location: BOX HILLS State: ME
Sampler(s): [signature]

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7= ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	...	Analyses: TOTAL METALS								Notes:
AB	PE010	11/10/98	1700	G	SO	7							X								PE 1CL01055
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions: EPA Cooler # EPAABC01

☐ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
[signature] 10 Nov 98 1800			
1-Coll →	[signature]	11/11/98	11:15AM

1 Al[redacted]n Dri[redacted]gawa[redacted] Massac[redacted]tts 01001 • 413-789-9018 • Fax 413-789-4076

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) [signature]

LAB: Amro Env. Laboratories
111 - Herrick Street
Merrimack, N.H. 03054

REMARKS: All samples preserved w/ ice

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TAL Metals	Total Hardness						REMARKS
254	11/11/98	1000		X	In Tailrace adj. to YSI	2-liter poly	X	X						HNO3, pH<2
														EPA Cooler # EPA00R4
														PE will follow
														48 Hours TAT
														IT group contact:
														Joe Coleman
														1-207-929-6162
														alternate IT Contact:
														Barry Taggart
														1-800-242-4644

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	11/11/98 1800				FEDEX Airbill # 806486518013
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Send Results to: OSC Janis Tsang Site fax: 207-929-6169 Site phone: 207-929-6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8077

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT (7) to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval; min 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site FAX: 207-929-6169
site phone: 207-929-6167

Project Mgr.: _____

Invoice To: Joe Coleman
IT Group
site phone 207-929-6162

P.O. No.: 93336 RQN: _____

Project No.: 777387-1112
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Ponza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=Ice

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Soil X2=Solids

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	Asbestos	Notes:
AB 24917	251	11/11/98	0830	G	X2	7			1			X	asbestos bag
AB 24918	252	11/11/98	0835	G	X2	7			1			X	asbestos bag
AB 24919	253	11/4/98	1330	G	X2	7			1			X	window BLDG/south
AB													
AB													
AB													
AB													
AB													
AB													
AB													

Additional Instructions: Fed Ex Airbill # 808562095943
Matrix per visual 11/13 KW
☒ Fax results when available to (207) 929-6169

Relinquished By: Pasquale Ponza 12 Nov 98 1315 Fed X

Received By: ~~Fed X~~ Joe Kozik

Date: 11-13-98 Time: 11AM

...more Drive • Amherst, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 1
JFK Federal Building, Rm. 2203
Boston, Massachusetts 02203

CHAIN OF CUSTODY RECORD

PROJECT NAME: ROGERS FIBRE MILL SITE, BOW MILLS, MAINE

SAMPLERS: (Signature)

LAB: AMRO ENVIRONMENTAL LAB, 111 HERRICK STREET, MERRIMACK, NH 0305

REMARKS: IT GROUP JOB NO. 777387, CONTACT JOE CARMON 1-207-242-4644

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TAL METALS						REMARKS
264	11/12/98	1600		X	PE 0025708	1	X						FOR STA 254-COC 1-8077

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	11/12/98 1600				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
		FEDEX AIRBILL 8001069064 63			
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				SEND RESULTS TO: OSC JONAS TANG SITE FAX: 207-929-6169 SITE PHONE: 207-929-6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

FEDEX NO. 808562095932

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ ~~Rush TAT - Date Needed: 21 NOV 98~~ *see below
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Locler no. EPA ABC01

Fax Results to:
Report To: OSC Janis Tsang
site Fax : 207929
site phone : 207

Project Mgr.:

Invoice To: Joe Coleman
IT Group
site phone: 2079296162
P.O. No.: RQN:

Project No.: 777387-1110
Site Name: Rogers Fibre Mill Site
Location: Bar Mills State: ME
Sampler(s): Dave Gorden

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Aqueous X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	# of containers	SVOCs	TCLP Metals							Notes:
AB	STA244	11/4/98	1230	G	SO	1				1			✓								concrete chips
AB	STA260	11/11/98	1012	G	SO	1				1				✓							blue pulp
AB	STA263	11/12/98	1050	G	SO	1				1			✓								black sludge b#3
AB	STA270a	11/16/98	1600	G	SO	1				2			✓	✓							adjacent piston sto
AB	PE ICC01079	11/18/98	1200	G	SO	1						1		✓							PE ICC01079
AB	PE0014218	11/18/98	1200	G	X1	1						1	✓								PE 0014218
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
* SVOC - P.O. # 97227 (4 day TAT)
TCLP metals - P.O. # 97226 (48 hr TAT)

☒ Fax results when available to (207) 929-6167

Relinquished By:	Received By:	Date:	Time:
Dave Gorden			
18 November 1998 1600			
Fedex →	Joe Krzik	11-18-98	9:30AM

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval: min. 24 hour notification needed for rushes
- Samples disposed of after 60 days unless otherwised instructed.

TAX ~~Report~~ To: OSC JANIS TSANG
SITE TAX 207-929-6169
SITE PHONE 207-929-6167
Project Mgr.:

Invoice To: JOE COLEMAN
IT GROUP
SITE PHONE 207-929-6162
P.O. No.: 98878 RQN:

Project No.: 777387
Site Name: ROGERS FIBRE MILL
Location: BAR MILLS State: ME
Sampler(s): [signature] / [signature]

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=_____

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= PE Standard X2=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	ACBS	Notes:
AB 27529	310	12/8/98	0930	G	SO	1			1			X	DEARBORN GRAVEL BORROW
AB 27530	314	12/8/98	0945	G	SO	1			1			X	DEARBORN CRUSHED GRAVEL
AB 27531	316	12/8/98	1030	G	SO	1			1			X	SHAW BROS COT
AB 27532	TT 00311	12/8/98	—	G	SO VI	1			1			X	PE SAMPLE TT 00311
AB													
AB													
AB													
AB													
AB													
AB													

Additional Instructions:
temperature blank - 4°C (PN)
Matrix per visual 1/9 (CB)
☒ Fax results when available to (207) 979-6169

Relinquished By:	Received By:	Date:	Time:
Renato E. [signature]			
FED EX # 8048307922 41	[signature]	12/9/98	1030

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

217 MIDDLESEX TURNPIKE
BURLINGTON, MA 01803 781 229-6430

USEPA NERL
60 WESTVIEW STREET
LEXINGTON, MA
(781) 860-4300

PROJ. NO.: 99075

PROJECT NAME: ROGERS FIBRE MILL, BOX MILLS, MAINE

SAMPLERS: (Signature) [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs	SVOCs	pH	Metals/Hardness	Bacteria		REMARKS: EPA NUMBER
TB21	12/2/98	1400		X	TRIP BLANK	2	X						64824
DW01	12/2/98	1750			FORMER DRINKING WATER WELL	13	X	X	X	X	X		64825

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	12/3/98 1406				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time		
		[signature]	[illegible]		

Remarks: OSC JANIS TSANG
SITE PHONE: 207 929-6167
SITE FAX: 207 929-6169

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

Roy F. Weston (START)
217 Middlesex Turnpike
Burlington, MA 01803 781-229-6430

CHAIN OF CUSTODY RECORD

PROJ. NO.: 18645

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature)

NOTE: Laboratory contact Peter Nolan

REMARKS: All samples preserved with ice

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Bacteria						EPA SAMPLE #
SW-01	8/11/98	1125		X	Boat launch, above dam, west bank	1x8 oz.	X						07960
SW-02		1133		X	stormwater outfall, south of mill	1x8oz.	X						07961
SW-03		1140		X	Sand point beach by power station	1x8oz.	X						07962
SW-04		1145		X	sand point beach, backwater stream	1x8oz.	X						07963

SEND RESULTS TO:
Paul Killian
R.F. Weston (START)
217 Middlesex Turnpike
Burlington, MA 01803
FAX # 781-272-3619

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	8/11/98 1135				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-6932

ENVIRONMENTAL PROTECTION AGENCY
Region I Waste Management Division

CHAIN OF CUSTODY RECORD

US EPA NERL
60 ~~Westfield~~ Westview Street
Lexington, MA 02421

PROJ. NO.: 99248

PROJECT NAME: Rogers Fibre Mill, Buxton (Bar Mills), Maine

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF						EPA Card No.	REMARKS
461	3/26/99	0940		X	Gray Paint BLDG. 3		X						64845	
462	3/26/99	0945		X	Green Paint BLDG 3		X						64846	
447	3/22/99	1430		X	west side of BLDG. #1		X						64847	Blue pulp material
465	3/29/99	1045		X	Adjacent to east Bridge pier		X						64848	Dark Brown sand [illegible] sediment
466	3/29/99	1040		X	Adjacent to west pier		X						64849	
458	3/25/99	1435		X	Beneath roofing material		X						64850	
500	4/1/99	0800		X	North side of stockpile		X						66563	
495	3/31/99	1112		X	Front of Blg# 1 Adjacent to Depot St		X						66564	
493	3/31/99	1105		X	Bldg 1 Access road Main Bldg 1		X						66565	
488	3/31/99	1046		X	Blog 1 Access Rd adjacent to dam		X						66566	
485	3/31/99	1020		X	Front of Blog#1 Adjacent to Depot St.		X						66567	
483	3/31/99	1010		X	Front of Blog#1 Adjacent to Depot St.		X						66568	
480	3/31/99	955		X	Blog#3 Adjacent to Depot St.		X						66569	
474	3/30/99	1700		X	Top of Access Road (test pit)		X						66570	
490	3/31/99	1055		X	Blog#1 Main Blog 1 Access Road		X						66571	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	4/5/99 1130				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature]	Date / Time 4/5/99 1130	Remarks: Results TO: Janis Tsang, Site Phone: 1-207-929-6167	

Dis[redacted]on: O[redacted] Acc[redacted]les S[redacted]nt; C[redacted] Coo[redacted]or Field Files

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 4/5/99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207-929-6167
Site Fax: 207-929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
phone: 929-6162 (207)

P.O. No.: See below RQN:

Project No.: Rogers Fibre Mill
Site Name: 777387
Location: Bon Mills State: ME
Sampler(s): Panza

1=4°C 2-HCl 3-H_2SO_4 4-HNO_3 5-NaOH 6-MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Surface water X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TCLP Metals (Cu, Pb, Zn)	VOCs	SVOCs	TAL (dissolved) metals					Notes:
AB 38178	~~4368~~ 468	3/30/99	1530	G	X1	1		2	1		1			X	X	X					Sluiceway (SW)
AB 38179	~~369~~ 469	3/30/99	1535	G	X1	1		2	1		1			X	X	X					Tail race (SW)
AB 38180	470	3/30/99	1430	G	SO	1			1				X								near water treatment
AB 38181	471	3/30/99	1435	G	SO	1			1				X								↓
AB 38182	472	3/30/99	1436	C	SO	1			1				X								
AB 38183	TB01	3/30/99	1800	G	X1	1		2						X							Trip Blank
AB																					* No preservatives
AB																					except VOC
AB																					w/ HCL pH<2
AB	*Temp Blank also included																				* No PEs

Additional Instructions: TCLP Metals PO # 97226
VOCs, SVOCs & Metals (TAL) PO # 96414
** Water sample need to be filtered and preserved
☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Panza 3/30/99			
Fed Exp #	[signature]	3-31-99	11 AM
809218441650			

NVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 1
JFK Federal Building, Rm. 2203
Boston, Massachusetts 02203

CHAIN OF CUSTODY RECORD

PROJ. NO.: 99237
PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME
SAMPLERS: (Signature) Pasquale B

USFA NERL
60 Westview St.
Lexington, MA 02421

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF						REMARKS EPA Sample Card #
438	3/18/99	1120		X	Adjacent to water treatment	1 mylar cup ~~1-4oz~~	X						64841 Black sandy soil
470	3/30/99	1430		X	adjacent ~~to~~ 438 0-12"	1-4oz	X						64842 Tan/Dark Brown sand
471	3/30/99	1435		X	2 feet North of 470 12"-24"	1-4oz	X						64843 Dark Brown sand / Black sandy soil
472	3/30/99	1436		X	Below sample 471 24-36"	1-4oz	X						64844 Black fine grained sandy soil

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale B	3/30/99 1900				Fed Ex Air Bill # 809 218 461 640
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		Dan Curran	3/31/99 9:30		

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 4/1/99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207-929-6167
Site fax: 207 929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No.: See below RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Ponza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		Analyses: Recreate (Cyanide) TCLP Metals	Total Metals/ACRAB	SVOCs						Notes:
AB 37997	463	3/26/99	1500	SG	SO	1				1			X								Stockpile
AB 37998	465	3/29/99	1045	G	SO	1			2					X	X						Between Bridge pier (east)
AB 37999	466	3/29/99	1040	G	SO	1			2					X	X						Between Bridge pier (west)
AB 38000	467	3/29/99	1530	G	SO	1			1				X								Stockpile
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions: No PEs
TCLP Metals PO # 97226
Total Metals & SVOC PO # 98878
☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Rye 3/29/99 1960			
Fed Ex Air Bill #	[signature]	3/30/99	1030
809218461710			

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SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 30 min.
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207-929-6167
Site fax: 207-929-6169
Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162
P.O. No.: See below RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass 8oz	# Of Clear Glass	# Of Plastic	TCLP Metals (RCRA)	Cu, Zn, Ni								Notes:
AB	458	3/25/99	1435	G	SO	1			1			X	X								* Cu, Zn, Ni added per client request 3/26 KC
AB																					Rust brown colored solid "clay" like material
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
TCLP Metals PO# 97226 (48 hr TAT)
*No RE's
☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Mark Warren			
Fed Ex Airbill #	[signature]	3/26/99	1030
809218461764			

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone : 207-929-6167
site fax : 207-929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No.: 97226 RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=_____

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=_____ X2=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass (8oz)	# Of Plastic		TCLP Metals (ECRAB) + Cu, Ni, Zn								Notes:
AB 37839	456	3/25/99	1300	G	SO	1			1	~~1~~ (DW)			X								stock pile (black/dark brown fine sediment)
AB																					
AB																					
AB																					Received 1
AB																					AMBER GLASS jar
AB																					(DW) 3/29
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
48 hr TAT
NO PE's

☒ Fax results when available to (807) 929-6169

Relinquished By:	Received By:	Date:	Time:
Mark Warren Fed Ex Airbill # 809218461801	[signature]	3/29/99	1030

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SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site Phone : (207) 929-6167
site fax : (207) 929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
(207) 929-6162

P.O. No.: 96414 RQN:

Project No.:
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Mark Warren
Pat Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=_____

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Surface Water X2=Trip Blank

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		VOCs	SVOCs	TAL Metals	Turbidity	Oil and Grease				Notes:
AB	450	3/24/99	1110	G	X1	1,2,4		2	2		2		~~2~~ X	~~2~~ X	X	X	X				Sluiceway
AB	451	3/24/99	1120	G	X1	1,2,4		2	2		2		~~2~~ X	~~2~~ X	X	X	X				Tailrace beyond last standing silt fence
AB	TB-001	3/24/99	1230	G	X2	1,2		2					X								Trip Blank
AB	PE0007208	3/24/99	1235			1					1				X						PE Sample
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions: 450 : pH = 6.5
451 : pH = 6.0
VOCs preserved w/ HCl <2
TAL metals preserved w/ HNO_3 <2
☒ Fax results when available to (207) 929-6169
#Please note Temperature Blank

Relinquished By:	Received By:	Date:	Time:
Mark Warren 3/24/99			
Fed Ex Airbill #	Joe Kozik	3-25-99	11:05 AM
809218461786			

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: DSC Janis Tsang
site phone: 207-929-6167
site fax: 207-929-6169

Project Mgr.: _____

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No.: see below RQN: _____

Project No.: 777387
Site Name: Roger's Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7-_____

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= Soil/pulp X2=_____

G=Grab C=Composite

Lab Id	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass 8oz	# Of Clear Glass	# Of Plastic	TCLP Metals-RCRA 8	SVOCs	TCLP Cu, Ni, Zn	Notes:
37264 AB 446	446	3/22/99	1115	G	SO	1			1			X		✓	brown colored mud w/ 2-4" stones
AB 37265	447	3/22/99	1430	G	X1	1			1				X		blue pulp material
AB															
AB															TCLP Cu, Ni, Zn added per fax request 3/24
AB															
AB															
AB															
AB															
AB															
AB															

Additional Instructions:
TCLP Metals PO# 97226 (48 TAT)
SVOC PO# 96414 (5-day TAT)
☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Panza 3/23/99	[illegible]	3-23-99	10:20 AM
Fed Ex Airbill # 809218461812			

11 Almeria Drive • Amherst, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 23 Mar 99
- All TATs subject to laboratory approval, min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207 929 6167
Site fax: 207 929 6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207 929 6162

P.O. No.: Sec Add Instr RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Pulp X2=Soil/Sed

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TCLP Metals - RCRA8	Total RCRA 8 Metals							Notes:
AB	444	3/19/99	0730	G	X_1	1			2				X	X							Lt Blue Pulp Sed from Bldg 1
AB	445	3/19/99	0740	C	X_2	1			2				X	X							Purple/Brown Sed Island wall
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
PO # TCLP Metals - 97226
PO # RCRA 8/Total Metals 98878

Relinquished By:	Received By:	Date:	Time:
Fed Ex Air Bill # 809218461570	Victor [signature]	3/20/99	1000

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 25 Mar 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207 929 6167
site fax: 207 929 6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207 929 6162

P.O. No.: See Add Instruc RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes
Brenda Operach

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Surface Water X2=Trip Blank

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	SVOCs Method 8270	VOCs Method 8260	TAL Metals	Total Metals	Notes:
AB	434	3/17/99	1320	6	X1	1,2,4	<2	2	2		1	X	X	X		Water Sample - Penstock Area under Bldg 7
AB	435	3/17/99	1330	6	X1	1,2,4	<2	2	2		1	X	X	X		Water Sample - In Front of Penstock
AB	TB-001	3/17/99	1300	6	X2	1		2					X			Trip Blank
AB	~~TB-002~~	~~3/17/99~~	~~1300~~	~~6~~	~~X2~~	~~1~~		~~1~~					~~X~~			~~Trip Blank~~ NH
AB	PE 0014903	3/17/99	1415			1			1				X			PE Sample
AB	PE 0012874	3/17/99	1415			1			1			X				PE Sample
AB																
AB																
AB																
AB																

Additional Instructions:
Water PO# 96414

☒ Fax results when available to (207) 929 6169

Relinquished By:	Received By:	Date:	Time:
Nancy Haynes 3/17/99	Joe Kozik	3-18-99	10:45AM
Fed Ex Air Bill			
803554722638			

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12 Mar 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207 929 6167
site fax: 207 929 6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207 929 6162

P.O. No.: See Add Instn RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Tailrace Water X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TAL Metals								Notes:
AB	415	3/8/99	1050	G	X1	1/4	<2				1		X								Water Sample from Tailrace
AB	PE 0013796	3/8/99				1					1		X								Metals in Water PE
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
WATER PO# 101619

Relinquished By:	Received By:	Date:	Time:
Nancy Haynes 5/8/99			
Feb Ex Air Bill	Joe Kozik	3-9-99	10:55 AM

☒ Fa[redacted]lts w[redacted]avail[redacted]o (2[redacted] 9[redacted] 6[redacted]

IT CORP

Pg 1 of 1

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

RIDL#1857

140734

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: Rogers Fibre Mill
PROJECT LOCATION: Bar Mills, ME
PROJ. NO.: 777387
PROJECT CONTACT: Barry Taggert
PROJECT TELEPHONE NO.: 207 929 6162
CLIENT'S REPRESENTATIVE: US EPA
PROJECT MANAGER/SUPERVISOR: Joe Coleman

RI Analytical
41 Illinois Ave
Warwick, RI
02888

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	SVOCs	Total RCRA Metals	CN/SUL	PCB/PEST					REMARKS
1	413	3/4/99	1400	X		Stockpile - Both Penstocks sed matrix	4-802	X	X	X	X					Reddish/Brown sed
2	414	3/4/99	1410	X		Black Sed Matrix - along outside wall of penstock	4-807	X	X	X	X					Black Sed
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-2	Nancy R Haynes	Lina Coburn	3/5/99	1032
2					
3					
4			Rec'd on Ice		

REMARKS
OSC Janis Tsang
Site phone: 207 929 6167
Site fax: 207 929 6169
PO# 105668 5 day TAT

SAMPLER'S SIGNATURE: Nancy R Haynes 3/4/99

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 99189...

PROJECT NAME: Rogers Fibre Mill, Bar Mills ME

SAMPLERS: (Signature) Nancy Hayward

USEPA NERL
60 Westview Street
Lexington, MA 02421

REMARKS 781 860 4300

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Asbestos						
410	3/1/99	1140	X		6' penstock (stockpiled)	1-4oz	X						Brown/Orange Seal (east penstock)
411	3/1/99	1145	X		6' penstock (stockpiled)	1-4oz	X						Red/Orange Seal/Fibers (east penstock)
412	3/1/99	1155	X		8' penstock (west penstock)	1-4oz	X						Brown/Red/Purple Seal/Pulp (west penstock)

Sample 410 - EPA Card No 64837
Sample 411 - EPA Card No 64838
Sample 412 - EPA Card No 64839

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Nancy Hayward	3/1/99 1700				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[illegible]	3/2/99 0900	OSC Janis Tsang Site phone: 207 929 6167 Site fax: 207 929 6169	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

Rial # 1586

140732

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: Rogers Fibre Mill
PROJECT LOCATION: Bar Mills, ME
PROJ. NO.: 777387
PROJECT CONTACT: Barry Taggert
PROJECT TELEPHONE NO.: 207 929 6162
CLIENT'S REPRESENTATIVE: US EPA
PROJECT MANAGER/SUPERVISOR: Joe Coleman

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): SVOCs, VOCs, Total RCRA Metals, CN/SUL, PEST/PCB

RI Analytical
41 Illinois Ave
Warwick, RI
02888

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	SVOCs	VOCs	Total RCRA Metals	CN/SUL	PEST/PCB				REMARKS
1	PE0019555	2/24/99				PE Sample					X					PE Sample
2																
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	Nancy R Haynes	Lina Coburn	2/25/99	1000
2					
3					
4					

REMARKS
OSC Janis Tsang
site phone: 207 929 6167
Site fax: 207 929 6169

PO # 105668 5 day Turn-A-Round

SAMPLER'S SIGNATURE: Nancy R Haynes 2/24/99

Pg 1 of 2

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Rical# 1586

LAB COPY

Form 0016
Field Technical Services
Rev. 08/89

140733

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: Rogers Fibre Mill
PROJECT LOCATION: Bar Mills, ME
PROJ. NO.: 777387
PROJECT CONTACT: Barry Taggert
PROJECT TELEPHONE NO.: 207 929 6162
CLIENT'S REPRESENTATIVE: US EPA
PROJECT MANAGER/SUPERVISOR: Joe Coleman

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): SVOCs, VOCs, Total RCRA Metals, CN/Sul, PCB/PEST

RI Analytical
41 Illinois Ave
Warwick, RI
02888

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	SVOCs	VOCs	Total RCRA Metals	CN/Sul	PCB/PEST				REMARKS
1	407	2/24/99	1005	X		West Penstock (8foot) - Sed/pulp matrix	4-8oz	X		X	X	X				Brown/Purple sed with pulp layer
2	~~408~~ 407	2/24/99	1005 ~~1020~~	X		West Penstock (8foot) - Sed/pulp matrix	2 Voa		X							~~Reddish~~ Brown/Purple sed with pulp layer
3	~~409~~ 408	2/24/99	1020 ~~1040~~	X		West Penstock (8foot) - Sed pulp matrix	4-8oz	X		X	X	X				Reddish/Purple sed with pulp layer
4	408	2/24/99	1020	X		West Penstock (8foot) - sed/pulp matrix	2 Voa		X							Reddish Purple sed. with pulp layer
5	409	2/24/99	1040	X		East Penstock (6foot) - stockpiled sed. matrix	4-8oz	X		X	X	X				Orange/Gray/Brown sed
6	409	2/24/99	1040	X		East Penstock (6foot) - stockpiled sed. matrix	2 Voa		X							Orange/Gray/Brown sed
7	PE 6[illegible]3533	2/24/99				PE Sample					X					PE Sample
8	PE0005725	2/24/99				PE Sample			X							PE Sample
9	PE0006734	2/24/99				PE Sample		X								PE Sample
10	PE1C00761	2/24/99				PE Sample				X						PE Sample

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	Nancy R Haynes	Ima Coloum	2/25/99	1000
2					
3					
4					

REMARKS
OSC Janis Tsang
site phone: 207 929 6167
site fax: 207 929 6169

PO# 105668 5 day Turn-A-Round

SAMPLER'S SIGNATURE: Nancy R Haynes 2/24/99

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 2 Feb 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207 929 6167
site fax: 207 929 6169
Project Mgr.:

Invoice To: Joe Coleman
IT Group
207 929 6162
P.O. No.: See Below RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Digester Residue X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		SVOCs 8270	VOCs 8260	Total RCRA Metal	pH	Reactive CN & SUL	TCLP VOCs	Total Cyanide		Notes: Center digester
AB	406	1/28/99	1515	G	X1	1			3				X	X	X	X	X	✓	✓		Thick, white, later material
AB																					Analyses per
AB																					Fax request
AB																					from Joe
AB																					Coleman &
AB																					Barrel Taggart
AB																					1/29/99
AB																					
AB																					
AB																					

Additional Instructions: SVOC, VOC, TCLP Metals
pH and CN/SUL PO# 99790

☐ Fax results when available to (207) 929 6169

Relinquished By:	Received By:	Date:	Time:
Nancy Haynes 1/28/99	[signature]	1/29/99	1115
Fed Ex Air Bill			
809292335351			

11 Almeren Drive • Agawam Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: Feb 01 99

- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207 929 6167
Site fax: 207 929 6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No.: See Below RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Treated Water X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP Metals RCRA8	SVOCs	TAL Metals	Notes:
															* PE Instructions to Follow By Fax
AB	395	1/26/99	1325	C	So	1			2			X	X		Soil (South end of basement floor)
AB	398	1/26/99	0915	C	So	1			2			X	X		Soil (South end of basement floor)
AB	402	1/26/99	1020	C	So	1			2			X	X		Soil (North end of basement floor)
AB	403	1/26/99	0935	C	So	1			2			X	X		Soil (North end of basement floor)
AB	404	1/26/99	1640	C	So	1			1			X			Stockpile (Jan 25/26)
AB	405	1/26/99	1645	G	X1	1/4	X2				1			X	Water Effluent
AB	PE0005612	1/26/99				1								X	PE
AB															
AB															
AB															

Additional Instructions:
TCLP RCRA8 PO# 99790
SVOC PO# 98878 Water PO# 101619
[redacted] Fax results when available to (207) [redacted] 6[redacted]

Relinquished By:	Received By:	Date:	Time:
Nancy Haynes 1/26/99			
Fed Ex Air Bill	Joe Kozik	1-27-99	10:10AM
[redacted]	[redacted]	[redacted]	[redacted]

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 99149

PROJECT NAME: Rogers Fibre Mill, Bar Mills, ME

SAMPLERS: (Signature) Nancy Hayes

USEPA NERL
60 Westview Street
Lexington, MA 02421
(781) 860 4300

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF screening						REMARKS: EPA Card No
394	1/26/99	1300	X		Soil (0-30") (basement floor)	1-4oz	X						09449 South end of basement
395	1/26/99	1325	X		Soil (0-15") (basement floor	1-4oz	X						09450 South end
396	1/26/99	1220	X		Soil (0-30") (basement floor	1-4oz	X						09451 North end
397	1/26/99	1305	X		Soil (0-30") (basement floor)	1-4oz	X						09452 Middle
398	1/26/99	0915	X		Soil (0-30") (basement floor)	1-4oz	X						09453 Northend
399	1/26/99	1000	X		Soil (0-30") (basement floor	1-4oz	X						09454 Middle
400	1/26/99	1245	X		Soil (0-30") (basement floor)	1-4oz	X						09455 ~~North~~ South end
401	1/26/99	1240	X		Soil (0-30") (basement floor)	1-4oz	X						09456 ~~North~~ South end
402	1/26/99	1020	X		Soil (0-30") (basement floor)	1-4oz	X						09457 Southend
403	1/26/99	0935	X		Soil (0-30") (basement floor)	1-4oz	X						09458 Northend
404	1/26/99	1640	X	X NH	Jan 25/26 stockpile (composite)	1-4oz	X						~~09459~~ NH Stockpile - 64836
						~~1-4oz~~ NH							
						1-NH							

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Nancy Hayes	1/26/99 1830				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: OSC Janis Tsang site phone: 207 929 6167 site fax: 207 929 6169	
			1/27/99 9:30		

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1/27/99 Ted FX

1-7070

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
99147	Rogers Fibre Mill Bar Mills ME

SAMPLERS: (Signature) Nancy Haynes

US EPA NERL
60 Westview Street
Lexington, MA 02421
(781 860 4300)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF Screening						REMARKS EPA Card No
391	1/22/99	1000	X		Soil Sample (tailrace / red)	1 4oz	X						64903
392	1/22/99	1005	X		Soil Sample (tailrace / brown)	1 4oz	X						64904
393	1/22/99	1115	X		22 Jan Stockpile (origin tailrace)	1 4oz	X						60324

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Nancy Haynes	1/22/99 1400				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature]	Date / Time 1/22/99 14:10	Remarks OSC Janis Tsang Site phone: 207 929 6167 Site fax: 207 929 6169	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

TOTAL P.07

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 26 Jan 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207 929 6167
fax phone: 207 929 6169

Project Mgr:

Invoice To: Joe Coleman
IT Group
207 929 6162

P.O. No.: See Add. Instruc RQN:

Project No.: 777.387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1-4°C 2-HCl 3-H_2SO_4 4-HNO_3 5-NaOH 6-MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP Metals RCRA8	Notes:
AB 31657	391	1/22/99		C	SO	1			1			X	Red soil (tailrace)
AB 31658	392	1/22/99		C	SO	1			1			X	Light Brown soil (tailrace)
AB 31659	393	1/22/99		C	SO	1			1			X	Jan 22 Stockpile (tailrace)
AB													
AB													
AB													
AB													
AB													
AB													
AB													

Additional Instructions:
TCLP RCRA8 PO# 99790

☐ Fax results when available to (207) 929 6169

Relinquished By: Nancy Haynes 1/22/99
Fed Ex Air Bill #
809292335502

Received By: [signature]

Date: 1-23-99 Time: 101

11 Hampton Drive • Longmeadow, Massachusetts 01001 • 413 789 0018 • Fax 413 789 4076

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 27 Jan 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207 929 6167
fax phone: 207 929 6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207 929 6162

P.O. No.: See Additional

Project No.: 777587
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Soil/Seal X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TCLP Metals RCRA8								Notes:
AB 31523	390	1/21/99	0740	C	X1	1			1				X								20 Stockpile (origin under Bldg)
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
TCLP RCRA 8 PO# 99790

Relinquished By: Nancy Haynes 1/21/99
Fed Ex Air Bill # 809292335513

Received By: Kevin Gilbert

Date: 1/22/99 Time: 10:12

...available at 207 929 6169

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
99145	Rogers Fibre Mill, Bar Mills ME

SAMPLERS: (Signature) Nancy Haynes

US EPA NERL
60 Westview Street
Lexington MA 02421
(781) 860 4300

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF Screening						REMARKS EPA Card No.
290	1 Mon 99	0740	X		20 Jan Stockpile (origin unknown)	1 Tee	X						64826

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Nancy Haynes	01/21/99 0810	Beverly E Mills	Beverly Mills	1-21-99 12:00	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[signature]	1/21/99	OSC Janis Tsang site phone: 207 929 6169 site fax: 207 929 6169	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 22 Jan 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207 929 6167
Site fax: 207 929 6169
Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162
P.O. No.: See Below RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Nancy Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Treated Water X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		Analyses: THL Metals								Notes:
AB 31325	389	19 Jan 99	1050	G	X1	1/4					1		X								Water Treatment Effluent pH 4 2
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
Water Sample - PO# 101619

☐ Fax results when available to (207) 929 6169

Relinquished By:	Received By:	Date:	Time:
Nancy Haynes 19 Jan 99 Fed Ex Airbill # 809292337343	Joe Kozik	1-20-99	10:25 AM

[redacted] Almgren Drive • Agawam, [redacted]chuse[redacted]001 [redacted]789-[redacted] • Fa[redacted]789-[redacted]

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO. 99132

PROJECT NAME Rogers Fibre Mill

SAMPLERS: (Signature) Nancy Haynes

US EPA NERL
60 Westview Street
Lexington, MA 02421
(781) 860 4300

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF Screening						REMARKS EPA Card No
386	1/14/99	1253	X		Drum (origin Tank 3)	1-40z	X						64832
387	1/14/99	1257	X		Drum (origin Tank 5)	1-40z	X						64833
388	1/14/99	1300	X		Drum (origin Tank 7)	1-40z	X						64834

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Nancy Haynes	1/14/99 ~~1400~~ 1400				Fed Ex Air Bill #
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[signature]	1/19/99 10:10	OSC Janis Tsang Site phone: 207 929 6167 Site fax: 207 929 6165	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-6934

207 878 7713 P.05/11
B.E.U.
FEB-02-1999 15:11

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 4 Jan 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes
- Samples disposed of after 60 days unless otherwise instructed.

Report To: OSC Janis Tsang
site Phone: 207 929 6167
fax phone: 207 929 6169

Project Mgr.:

Invoice To: Joe Coleman
JT Group
207-929-6162

P.O. No.: See additional RQN:

Project No.: 777387
Site Name: Rogers Fiber Mill
Location: Bar Mills State: ME
Sampler(s): Norway Haynes

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Soil/Paper Pulp X2=Tank Residue

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	composite	SVOCs	TCLP Metals & RCRA8							Notes:
AB 31103	384	1/14/99	1252	C	X1	1			1				X	X[A]							Soil/Paper Pulp
AB 31104	581	↓	1250	C	X1	1			1				X[A]	X							Stockpile (4 Jan)
AB 31105	386		1255	C	X2	1				1				X							TANK 3
AB 31106	387		1257	C	X2	1				1				X							TANK 5
AB 31107	388		1300	C	X2	1				1				X							TANK 7
AB 31108	PE0023849	↓				1						1	X[B]	X[B]							PB
AB																					
AB																					
AB																					
AB																					

Containers:

Additional Instructions:
TCLP RCRA8 PO# 99790
SVOC PO# 98878
☒ Fax results when available to 207 929 6169

Relinquished By:
Norway Haynes
Federal Express Bill #
5609292337521

Received By:
Jane Kozik

Date: 1-15-99 Time: 3 PM

Run PE0023849 for SVOCs per P.T. 1/15 [illegible]
cold on ice

4 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

P.02/02 FAX NO. 18:72:2:3:2 REV RESIGN : STERL 2:11 PM 22 JAN 99

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 99131

PROJECT NAME: Rogers Fibre Mill, Bar Mills ME

SAMPLERS: (Signature) Nancy Hayes

USEPA NERL
60 Westview Street
Lexington, MA 02421
(781) 860 4300

STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF Screening						REMARKS: EPA Lab No
381	14 Jan 99	1245	X		14 Iron Stockpile (original)	1-4oz	X						641829
384	14 Jan 99	1247			14 Iron Stockpile (original)	1-4oz	X						641830
385	14 Jan 99	1250	X		Drum (origin Tank 2)	1-4oz	X						641831 N4
386	14 Jan 99	1253	X		Drum (origin Tank 3)	1-4oz	X						641832 N4
387	14 Jan 99	1257	X		Drum (origin Tank 5)	1-4oz	X						641833 N4
388	14 Jan 99	1300	X		Drum (origin Tank 7)	1-4oz	X						641834 N4

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Nancy Hayes	01/14/99 1320	[signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[signature]	1/14/99 1520	OSC Janis Tsang site phone: 207 929 6187 site fax: 207 929 6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

FEB-22-1999 15:11 207 878 7713 P.06/11 B.E.U.

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 16 Jan 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207-929-6167
Site fax: 207-929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No: See Additional Lab RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP Metals	RCRA8, Cu, Ni	Zn	Notes:
AB	~~381~~	~~13 Jan 99~~		C	SO	1			1			X			Stockpile NH
AB 30855	382	13 Jan 99	1130	C	SO	1			1	tm		X			Stockpile (12 Jan 99)
AB 30856	383	13 Jan 99	1132	C	SO	1			1	tm		X			Stockpile (11 Jan 99)
AB															
AB															
AB															
AB															
AB															
AB															
AB															

Additional Instructions:
TCLP Metals P.O.# 97226 (48hr)
Run TCLP RCRA8 + Cu, Ni, Zn per B.T. 1/14 (AB)
☒ Fax results when available to (207) 929-6167

Relinquished By:	Received By:	Date:	Time:
Nancy Haynes	Fed Ex		
Fed Ex Airbill #	Kevin Gillette	1/14/99	9:33
809292337387			

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SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 15 Jan 99
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207-929-6167
site fax: 207-929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No.: See Below RQN: #101619

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Treated Water X2=PE Sample

G=Grab C=Composite

Lab Id:	Sample Id.	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TAL Metals								Notes:
AB 130786	380	12 Jan 99	1650	6	X1	1/4					1		X								Water Treatment
AB 130787	PE 0007456	12 Jan 99	1720	6	X2	1					1		X								Effluent pH<2
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions: 48 hrs TAT
IT Group Contact: Barry Taggart
1-800-242-4644
☐ Fax results when available to ( )

Relinquished By:	Received By:	Date:	Time:
Pasquale Panza 12 Jan 99 Fed Ex Airbill # 809 29 233 7402	Joe Kuzyk	1-13-99	11:30 AM

11 Almgren Drive • Agawam, Massachusetts 01001 • 413 789-9018 • Fax 413-789-4076

ENVIRONMENTAL PROTECTION AGENCY
Region I Waste Management Division

CHAIN OF CUSTODY RECORD

USEPA NERL
60 Westview Street
Lexington MA
(781) 860-4300

PROJ. NO.	PROJECT NAME
11123	Rogers Fibre Mill [illegible]

SAMPLERS: (Signature) Pasquale [illegible]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	XRF [illegible]						REMARKS EPA Card No.
378	11 Jan 99	1700	X		[illegible] Stockpile [illegible]	1 40g	X						64827
379	12 Jan 99	0941	X		12 Jan Stockpile (origin Building 3)	1 40g	X						64828

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Pasquale [illegible]	12 Jan 99 0700	S. Holman			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
		S. Holman			
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	OSC Denis [illegible] site phone: 207 [illegible] 6167 site Fax: 207 927 6169

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

08450

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval: min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Jonas Tsang
site phone: 207-929-6167
site fax: 207-929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
207-929-6162

P.O. No.: See additional Inst. RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Porcen

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=[illegible]

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Tank Residue X2=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TCLP metals *	Total RCRA metals *							Notes:
AB 30517	375	8 Jan 99	1040	C	X1	1				1			X	X							Tank 6
AB 30518	376	8 Jan 99	1042	C	X1	1				1			X	X							Tank 8
AB 30519	377	8 Jan 99	1050	C	X1	1				1			X	X							Tank 9
AB 30500	PE ICC00804	8 Jan 99	1200	G	SO	1					1			X							PE Sample
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions: * RCRA plus Cyanide, Lo pce to Tangent [illegible]
TCLP Metals P.O. # 97226 (48 hr.)
Total Metals P.O. # 98878 (48 hr)
☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Porcen 1-8-99 1500	Fed Ex		
Fed Ex Airbill #	Kevin Gillette	1/11/99	9:55
809292337413			

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SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days

☒ Rush TAT - Date Needed: 12/18/98

- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC JAMES BANG
SITE FAX (207) 929-6169

Project Mgr.:

Invoice To: JOE COLEMAN
IT GROUP
SITE PHONE (207) 929/6162

P.O. No.: 97226 RON:

Project No.: 777387
Site Name: COOKS FIBRE MILL
Location: BAR MILLS State: ME
Sampler(s): PAMELA

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7= ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= Pb X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP Metals	Notes:
AB28389	368	12/16/98	13:40	G	SO	7			1			X	North of BLDG #2 rec sandy loam
AB28390	369	12/16/98	13:45	G	SO	7			1			X	North of BLDG #2 rec sandy loam
AB28391	crm201-225	12/16/98	14:00	G	X1	7				1		X	See for revision
AB													
AB													
AB													
AB													
AB													
AB													
AB													

Additional Instructions:

☐ Fax results when available to ( )

Relinquished By: 16 Dec 98
FEDEX #
809292337457

Received By: Joe Kozik

Date: 12-17-98 Time: 11:AM

AMRO Environmental Laboratories Corporation
111 Henick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

25195

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No. 777387

Project Name: Rogers Fibre Mill, Bar Mills, ME

Project State:

Samplers (Signature): Pasquale [signature]

Type Size, & No. of Containers

MATRIX: Water - A; Soil/Solid-S; Waste W; Other-O; Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	T/M Metals						Remarks
367	16 Dec 98	0740		X	Water Treatment Effluent	1-1 liter poly	A	X						4 NO3 pH<2
PE0011280	16 Dec 98	0930		X	PE sample (metals in 1 L,O)	1-4oz poly	A	X						
														sample preserved w/ ice
														Please use sta. No. on sample identity

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO._____ T.A.T. authorized by:_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale [signature]	16 Dec 98 →	Fed Ex # 809292337480
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time 12-14-98 12:17	Received for Laboratory by (Signature) Denise Barnett

☒ Fax to (phone) 207-929-6169

Results needed

PO#

AMRO Project No. 21346

Seal Intact? Yes No N/A

Send Results to: OSC Janis Tsang
Site Fax 207-929-6169
Site phone 207-929-6167
IT Group Contact: Joe Coleman

Remarks: 48 TAT

White: Lab copy Yellow: Accompanies report Pink: Client copy

207 929 6167 P.07.18
R.F.11.
JAN-19-1999 08:24

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12/18/98
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC TANIS BANG
SITE FAX 207-929-6169
SITE PHONE 207-929-6167

Project Mgr.:

Invoice To: JOE COLEMAN
IT GROUP
SITE PHONE (207) 929-6162

P.O. No.: 98878 RQN:

Project No.: (ROGERS FIBRE MILL)
Site Name: 777387
Location: BAR MILL State: ME
Sampler(s): P. RANZA

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=_____ X2=_____

G=Grab C=Composite

Lab Id	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clean Glass	# Of Plastic		VOC	SVOC	PCB	~~[illegible]~~	RCRA 9 Total Metals				Notes:
AB 25224	359	12/15/98	14:15	G	SO	7		1	2				X	X	X		X				NE Turbine
AB 28225	359	12/15/98	14:20	G	SO	7		1	2				X	X	X		X				SW Turbine
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					NO PES
AB																					
AB																					

Additional Instructions:

Relinquished By: Pasquale R[illegible] 12/15/98 1500
FED EX AIRBILL #
[illegible]29[illegible]33[illegible]90

Received By: Joe K[illegible]

Date: 12-16-98 Time: 10AM

[illegible] (207) 929-6169

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days 12/17/98

☒ Rush TAT - Date Needed: ASAP

- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC JANIS BONG
SITE (FAX) 207-929 6161
SITE (PHONE)
Project Mgr.:

Invoice To: JOE COLEMAN
IT GROUP
SITE PHONE (207) 929 6162
97 226
P.O. No.: 98870 RQN:

Project No.: 777387
Site Name: BOOTH'S FIBER MILL
Location: BAR MILLS State: ME
Sampler(s): [illegible]

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7= ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP metals								Notes:
AH28060	356	12/14/98	1330	G	SO	7			1			X								Stockpile origin right of stockpile
AH28061	357	12/14/98	1600	G	SO	7			1			X								stockpile origin red area
AH																				
AH																				
AH																				No RE sample
AH																				all samples Preserved
AH																				w/ ice
AH																				
AH																				
AH																				

Containers:

Analyses:

Additional Instructions:

☐ Fax results when available to ( )

Relinquished By:	Received By:	Date:	Time:
Raymond Fox 14 Dec 98 1RD	N Coulombe	12/15/98	1000
Fed Ex # 8012123337516			

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

25194

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No. 7718387

Project Name: Rogers Fibre Mill, Bar Mills, ME

Samplers (Signature): Pasquale Rizzo

Project State:

Type Size, & No. of Containers

MATRIX: Water - A, Soil/Solid - S, Waste - W, Other - Q, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	TAL metals						Remarks
355	13 Dec. 98	0750		X	Effluent water treatment	1 - 1 liter poly	A	X						HNO_3 pH < 2 : Ice
														* PE (1) No PE sample
														* Please use sta. No. as sample Identity

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. _____ T.A.T. authorized by: _____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale Rizzo	14 Dec. 98 / 1800	FEDEX
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature) FEDEX	Date Time 12/15/98 9:50	Received for Laboratory by: (Signature) Denise C Barnett

☒ Fax to (phone) 207-929-6169

Results needed 17 Dec. 98

PO# 96140

AMRO Project No. 21325

Seal Intact? Yes No N/A

Send Results to: OSC Janis Tsang
site phone: 207-929-6167
Site Fax: 207-929-6169
IT Group Contact: Joe Coleman

Remarks: 48 hr TAT

White: Lab copy Yellow: Accompanied report Pink: Client copy

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 16 Dec. 98
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC JAMES TSHKT
SITE FAX: 207-727-6169
SITE PZ: 207-727-6167
Project Mgr.:

Invoice To: JOE COLEMAN
IT GROUP
SITE PHONE (207) 727-6162
P.O. No.: See below RQN:

Project No.: 777387
Site Name: ROGERS FIBRE MILL
Location: BAR MILLS State: ME
Sampler(s): [illegible]

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1=Soil Mix X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	# [illegible]	VOC	SVOC	TCLP Metals (Pb)						Notes:
AB	351	12/10/98	[illegible]	G	X1	7		1					X	X							Interface 1-Brick Brew. Tanks 2-3
AB	352	12/10/98	[illegible]	G	X1	7		1	1				X	X							Brew. Tanks 2-3
AB	353	12/11/98	1100	G	X1	7			1						X						Middle stockpile from old boiler area around
AB	330	12/9/98	0900	G	X1	7			2					X	X						[illegible] 2 more [illegible]
AB	354	12/11/98	1600	G	X1	7			1						X						[illegible]
AB	PE0011497	12/11/98	1605	G	X1	7					1										Metals in H_2O Rinsate
AB	PE0009948	12/11/98	1605	G	X2	7						1									SVOC in H_2O Rinsate
AB	PE0005857	12/10/98	[illegible]	G	X2	1						1									VOC in H_2O Rinsate
AB	PE0101520	12/11/98	[illegible]	G	X1	7			1												PCB in H_2O Rinsate
AB																					

Additional Instructions: collect on site
VOCs, SVOCs => PO # 988-78
TCLP metals => PO # 77226
☐ Fax results when available to (207) 727-6169

Relinquished By:	Received By:	Date:	Time:
[illegible]			
[illegible]			
[illegible]	Jack Ozell	12-12-98	10AM

CHAIN OF CUSTODY RECORD

SPECTRUM ANALYTICAL

Page 1 of 2

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 16 DEC 98
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: TAX ATTN OSC J. ISMING

SITE FAX: 207-729-6167

SITE TEL 207-729-6161

Project Mgr.:

Invoice To: JE COLEMAN IT GROUP

SITE PHONE (207) 729-6162

P.O. No.: 75278 RQN:

Project No.: 777387-

Site Name: ROGERS FIBRE MILL

Location: BAR MILLS State: ME

Sampler(s): [illegible]

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7= ICE

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= SEDIMENT X2= [illegible]

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	VOC	SVOC	PCB	PH	TRANSPORT	CTAS			Notes:
AB	337	12/10/98	0910	G	SL	7		1	2			X		X	X	X	X			TK-01
AB	341		[illegible]	G	SL	7						X		X	X	X	X			TK-04
AB	345		0915	G	SL	7						X	X	X	X	X	X			TK-05
AB	346 TK		0925	G	SL	7						X	X	X	X	X	X			TK-07
AB	346		0940	G	SL	7						X	X	X	X	X	X			TK-08
AB	347		0950	G	SL	7						X		X	X	X	X			TK-10
AB	347 TK		[illegible]	G	SL	7						X		X	X	X	X			TK-11
AB	348		1615	G	SL	7		1	1			X	X							TRIP BLANK BETW ZONE 1-2
AB	349		1625	G	SL	7		1				X								TRIP BLANK BETW ZONE 1-2, 3
AB	350		1630	G	SL	7		1	1			X	X							TRIP BLANK ZONE 3 BETW BRIDGE 1-2

Additional Instructions: cold on ice

[illegible]

[illegible] 2

☒ Fax results when available to ([illegible]) [illegible] 0167

Relinquished By: [illegible]

Received By: [illegible]

Date: 12-12-98 Time: 10:AM

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No. 777387

Project Name ROGERS FIBRE MILL

Project State

Samplers (Signature) [signature]

MATRIX: Water - A, Soil/Solid - S, Waste - W, Other - Q, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	Matrix	TAL METALS						Remarks
346	07:50	12/10/98		X	EFFLUENT WATER TREATM.	(1) 32oz Poly	A	X						HNO_3 pH<2
PE0001699	12/10/98	1700		X	PE Sample (metals 11.0)	1-40oz poly	A	X						

All samples Preserved with Ice

* Please use station No. as sample identity

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved. * REQUESTING 48 HOUR T-A-T

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance an received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. _____ T.A.T. authorized by: _____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale [signature]	10 Dec. 98 / 1800	Fed Ex #
	12/11/98 0951	[signature]

Fax to (phone) 207 929-6169

Results needed 15 Dec. 98

PO# 98287

AMRO Project No. 21287

Seal Intact? Yes No N/A

Send Results to: FAX OSC JANIS BANG
SITE FAX: 207-929-6169
SITE PHONE: 207-929-6167

Remarks
INVOICE TO: JOE COLEMAN
IT GROUP
SITE PHONE 207-929-6167

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Merrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-420-8496

24058

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No. 777387

Project Name: Rogers Fiber Mill

Project State:

Samplers (Signature): Pasquale Rizzo

MATRIX: Water - A, Soil/Solid - S, Waste - W, Other - O, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	TAL Metals (+Ni, Zn)	Remarks
303	6 Dec.98	0750		X	Effluent After treatment	1-1 liter Poly	X	HNO_3 <pH2
304	7 Dec.98	0750		X	Effluent Water Treatment	" "	X	HNO_3 <pH2
								All sample preserved with Ice
								* Please use station number as sample identity
								# No PE sample

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO._____ T.A.T. authorized by:_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale Rizzo	7 Dec.98 1400	Fed Ex 8048307922 74
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time 12/8/98 12:00	Received for Laboratory by: (Signature) Nicole Bordeu

Fax to (phone): 207-929-6169

Results needed: 10 Dec. 98

PO#: 96140

AMRO Project No.:

Seal Intact? Yes No N/A

Send Results to: OSC Janis Tsang
site phone: 207-929-6167
site fax: 207-929-6169
IT Group Contact: Joe Coleman

Remarks: 48 hr. TAT

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Merrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429 0496

24058

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj No.: 777387
Project Name: Rogers Fibre Mill, Bar Mills, ME
Project State:
Samplers (Signature):

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid - S Waste - W Other - Q Explain	TAL Metals						Remarks
302	5 Dec 98	0740		X	Effluent water treatment	1-1 liter poly	A	X						HNO_3 <2 pH
	(X)													
														All samples preserved with ice
														* Please use station no. as sample identity
														* No PE sample

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited T.A.T., you must have requested in advance a received a coded T.A.T. AUTHORIZATION NUMBER.
AUTHORIZATION NO. _____ T.A.T. authorized by: _____

Relinquished by (Signature)	Date Time	Received by (Signature)
Raymond [illegible]	5 Dec 98/1000	[illegible]
Relinquished by (Signature)	Date Time	Received by (Signature)
[illegible]	5 Dec. 98/1320	Rec'd Ex 804830792208
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

Fax to (phone): (207) 929-6169
Results needed: 9 Dec 98
PO#: 96140
AMRO Project No.: 21215
Seal Intact? Yes No N/A

Send Results to: OSC Janis Tsang
Site Fax: (207) 929-6169
Site phone: (207) 929-6167
IT Group contact

Remarks: 48 hr. TAT

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office. 603-424-2022 Fax: 603-429-8496

24057

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj No. 777387

Project Name: Rogers Fibre Mill, Bar Mills, ME

Project State:

Samplers (Signature): Pasquale [signature]

Type Size, & No. of Containers

MATRIX: Water - A, Soil/Solid-S, Waste-W, Other-O, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	Matrix	TAL metals						Remarks
301	4 Dec. 98	0750		X	Effluent Water Treatment	1-1 liter poly	A	X						HNO_3 < 2 pH
														All sample preserved w/ Ice
														* No PE sample

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. _____ T.A.T. authorized by: _____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale [signature]	4 Dec. 98	
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time 12/5/98 0916	Received for Laboratory by: (Signature) [signature]

Do Fax to (phone) 207-929-6169

Results needed

PO# 96140

AMRO Project No. 21209

Seal Intact? Yes No N/A

Send Results to: OSC Janis Tsang
site phone 207 929-6167
Site Fax: 207-929-6169
IT Group Contact: Joe Coleman

Remarks: 48 hr. TAT

White: Lab copy Yellow: Accompanies report Pink: Client copy

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days

☒ Rush TAT - Date Needed: metals 8 Dec 98

- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Fax ~~Report~~ To: OSC Jamie Tsang
site fax: 207-929-6169
site phone - 207-929-6167

Project Mgr.:

Invoice To: Joe Coleman
IT Group
site phone: 207-929-6162

P.O. No.: See additional instructions

Project No.: 777387

Site Name: Rogers Fibre Mill

Location: Bar Mills State: ME

Sampler(s): Respondent Pearson

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	TCLP Metals/Cu Zn	SVOCs	Notes:
AB 27069	299	3 Dec 98		G	SL	1			1			X		3 Dec 98 Stock pile
AB 27070	300	3 Dec 98		G	SL	1			2			X	X	Concrete from tank base
AB														# No PE samples
AB														
AB														
AB														
AB														
AB														
AB														
AB														

Additional Instructions:
SVOCs PO # 97227 (4 days TAT)
Metals PO # 97226 (48 hr TAT)

☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Fed X	Joe Kozak	12-4-98	11:30 AM

Fed Ex # 801830792296

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076

AMRO Environmental Laboratories Corporation
111 Merrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

24056

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No. 777387

Project Name: Rogers Fibre Mill, Bar Mills, ME

Samplers (Signature): Pasquale Ponza

Project State:

Type Size, & No. of Containers

MATRIX: Water - A, Soil/Solid - S, Waste - W, Other - O, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	Matrix	TAL Metals						Remarks
292	2 Dec 98	0845		X	Effluent water treatment	1-1 liter poly	A	X			01			HNO_3 < 2 pH
298	3 Dec 98	1000		X	Effluent water treatment	1-1 liter poly	A	X			02			HNO_3 < 2 pH
0024516AE	3 Dec 98	1100		X	AE Sample	1-glass bottle	A	X			03			
														All sample preserved with ICe
														*Please use station No. as sample identity

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO._____ T.A.T. authorized by:_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale Ponza	3 Dec. 98	Fed Ex 8048 3079 2300
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☒ Fax to (phone): 207-929-6169

Results needed: 8 Dec 98

PO#: 96140

AMRO Project No.: 21185

Seal Intact? No N/A

Send Results to: OSC Jan's Tsang
site fax: 207-929-6169
site phone: 207 929-6167

IT Group Contact:

Remarks: 48 hrs. TAT

AMRO Environmental Laboratories Corporation
111 Merrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

24055

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No.: 777387
Project Name: Rogers Fibre Mill, Bar Mills, ME
Project State:
Samplers (Signature): Raquale Ryan

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX (Water-A, Soil/Solid-S, Waste-W, Other-O, Explain)	TAL Metals						Remarks
291	1 Dec. 98	0900		X	water treat effluent	1-1 Liter	A	X						HNO_3 ~2 pH 100 um → 50 um → CC
														P.O. #96140
														EPA Cooler # EPA0084

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited T.A.T., you must have requested in advance a received a coded T.A.T. AUTHORIZATION NUMBER.
AUTHORIZATION NO._____ T.A.T. authorized by:_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Raquale Ryan	1 Dec. 98 1800	Fed Ex Airbill 804830792333
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)
	12-2-98 10:00	ACR

☐ Fax to (phone)
Results needed
PO#
AMRO Project No.: 71143
Seal Intact? Yes ✓ No N/A

Send Results to:
OSC Jenis Tsang
site fax 207 929 6164
site phone 207 929 6167

Remarks
48 hr. TAT
IT Group Contact: Joe Coleman
207 929 6162

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
11 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

24060

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj No. 777387

Project Name: Rogers Fibre Mill, BAR Mills, ME

Samplers (Signature): Pasquale [signature]

Project State:

Type Size, & No. of Containers

MATRIX: Water - A, Soil/Solid-S, Waste-W, Other-O, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	TAL Metals						Remarks
282	23 Nov. 98	1715		X	Water treatment effluent	1 1Lin	X						HNO_3 <2pH
													P.O. #96140

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO._____ T.A.T. authorized by:_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Pasquale [signature]	23 Nov 98	Fed Ex Airbill 804830792355
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature) [signature]

☐ Fax to (phone)

Results needed

PO#

AMRO Project No. 21056

Seal Intact? Yes No N/A

Send Results to: OSC Janis Tsang
site fax: 207-929-6169
site phone: 207-929-6167

Remarks

48 hour TAT
IT Group Contact: Joe Coleman
207-929-6162

NOV.25.1998 5:57PM

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: metals 7 Dec. 98 (see below)
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: Fax results to: OSC Jan's Tsang
Site Fax: 207-929-6169
Site phone: 207-929-6167

Project Mgr.:

Invoice To: Joe Coleman
IT Group
Site phone 207-929-6162
P.O. No.: see below RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Pasquale Ponzo

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= PE X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic	Vial	SVOCs	TCLP Metals							Notes:
AB	280	12 Dec. 98	0815 ~~1600~~	G	SO	1			2				X	X							stockpile (new wall)
AB	290	2 Dec. 98	1600		SO	1			2				X	X							stockpile
AB	293		1610		SO	1			1					X							10 ft NE of 111 (2')
AB	294		1615		SO	1			1					X							10 ft SW of 111 (2')
AB	295		1630		SO	1			1					X							4 ft below 111
AB	296		1645		SO	1			1					X							South of Southern Clarifier
AB	297		1655		SO	1			1					X							North of Southern Clarifier
AB	PE0005496	2 Dec. 98	1800	G	X1	1						1	X								PE0005496
AB	PEICC01218	2 Dec 98	1800	G	X1	1					1			X							PE ICC01218
AB																					

Additional Instructions: Metals Sample Id: 280 P.O. # 97226
metals Sample IDs: 290-297 P.O. # 97726
SVOCs P.O. # 97227 (4 day TAT)

☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Ponzo	Fed Ex # 804830792182		
2 Dec. 98 1915			
Fedex	Joe Kozik	12-3-98	11:35 AM

EPA Cooler # EPA 9576

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

24059

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No.:

Project Name: Rogers Fibre Mill, Bar Mills, ME

Samplers (Signature):

Project State:

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	TAL Metals	Remarks
277	11/17/98	1900		✓		1 1L	X	HNO_3 < 2 pH; at most downstream; silt fence hay bale
PE0004165	11/18/98	1200		✓		1 container	X	PE 0004165

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
	11/18/98 1600	FEDEX 804830792366
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)

Results needed

PO#

AMRO Project No.

Seal Intact? Yes No N/A

Send Results to:
OSC Janis Tsang
site fax: 207 929 6169
site phone: 207 929 6167

Remarks
48 hour TAT
IT Group contact Joe Coleman 207 929 6162
Alternate IT contact Barry Taggart 1-800 242 4644

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 4/3/99
- All TATs subject to laboratory approval; min 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
site phone: 207-929-6167
Site Fax: 207-929-6168
Project Mgr.:

Invoice To: Joe Coleman
TT Group
phone: 207 929-6162
P.O. No.: RQN: 2664

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Panza

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		Analyses: Mercury (Total)	Copper (Total)	pH						Notes:
AB 98327	499	3/31/99	1400	C	WW	1					1		X	X	X						From Water Treatment
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:
* No preservation
☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
Pasquale Panza 3/31/99			
Fed Ex Air Bill #	[signature]	4/1/99	1030
809218461672			

SPECTRUM ANALYTICAL

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: will follow
- All TATs subject to laboratory approval; min. 24 hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwised instructed.

Report To: OSC Janis Tsang
Site phone: 207-929-6167
Site Fax: 207-929-6169

Project Mgr.:

Invoice To: Joe Coleman
IT Group
phone: 207-929-6162

P.O. No.: Will follow RQN:

Project No.: 777387
Site Name: Rogers Fibre Mill
Location: Bar Mills State: ME
Sampler(s): Ranze

1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=MeOH 7=

DW=Drinking Water GW=Ground Water WW=Waste Water
SO=Soil SL=Sludge O=Oil X1= X2=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	pH	# Of VOA Vials	# Of Amber Glass	# Of Clear Glass	# Of Plastic		TPH (method 4 mi.)								Notes:
AB 38470	502	4/1/99	1010	G	WW	1,2			1				X								Kenmore waste water (Drum)
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					
AB																					

Additional Instructions:

☒ Fax results when available to (207) 929-6169

Relinquished By:	Received By:	Date:	Time:
[signature] 4/1/99 Fed Ex Airbill # 811927636166	[signature]	4-2-99	11:AM

[redacted] 413-[redacted]018 [redacted]413-[redacted]076 [redacted]

[redacted]NVIR[redacted]ENT[redacted]OTE[redacted]N AG[redacted]Y

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
99283	Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) Michael Argue

US EPA NERL
60 Westview St
Lexington, MA
02421

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Total Metals - RCRA8 + Copper, Nickel, Zinc, Sn, Mn	ABNA - Region I method					REMARKS EPA Card No.	soil descrip.
503	4/21/99	1241		✓	Depot St. side South - 0"-12"	1-4oz 1-8oz	✓	✓					66572	medium brown coarse silty sand
504A	4/21/99	1253		✓	Depot St. side north - 0"-12", MS/MSD MS/DUP	2-4oz 2-8oz	✓	✓					66553	medium/dark brown coarse silty sand
504B	4/21/99	1258		✓	Depot St. side north - 12"-24"	1-4oz 1-8oz	✓	✓					66554	Medium/dark brown coarse silty sand
505	4/21/99	1320		✓	Island side south - 0"-12"	1-4oz 1-8oz	✓	✓					66574	0-6" - dark gray silty sand; 6-12" - medium brown coarse silty sand
506A	4/21/99	1357		✓	Island side north - 0"-12"	1-4oz 1-8oz	✓	✓					66555	0-6" - medium brown coarse silty sand; 6-12" - dark gray silty sand
506B	4/21/99	1409		✓	Island side north - 12"-24"	1-4oz 1-8oz	✓	✓					66556	dark gray silty sand
RB-01	4/21/99	1440		✓	Rinsate Blank - SVOCs	2-1L		✓					66557	
RB-02	4/21/99	1451		✓	Rinsate Blank - metals	1-1L	✓						67797	preserved HNO_3 pH < 2

* - all samples preserved with ice.

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Michael Argue	4/22/99 1041				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[signature]	4/22/99 1041	Results to Janis Tsang site phone - 1-207-929-6167 site fax - 1-207-929-6169	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-8143

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Rogers Fibre Mill, Bar Mills, Maine

SAMPLERS: (Signature) M Butterworth

US EPA NERL
60 Westview St.
Lexington, MA 02421

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TCLP Metals ★★	Total Metals (SRF) ★					REMARKS
													* 5 day turn around time
507 MB 06990	6/4/99	1245		X	90,30, pink fibers w/sed.	1	X	X					SEDIMENT COLLECTED AT 2.2 FT 06990
508 06991 MB	6/4/99	1215		X	90,45, dark brown/grey sed.	1	X	X					SEDIMENT COLLECTED AT 1.2 FT 06991

★ total metals include: lead, chrome, copper, nickel + zinc

★★ TCLP metals include: lead + chrome.

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
M Butterworth	6/4/99 1600				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
		[illegible]	6/4/99 1600	Send results to: Janis Tsang Boston office: (617) 918-1231 Maine (site) phone: (207) 929-6167	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ATTACHMENT II

MODIFICATIONS TO THE SAMPLING QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) PLAN PRACTICES

Modification 1

Following an incident involving *Escherichia coli* occurring downstream of the site, four grab samples were collected on 11 August 1998 from the surface water. Samples were collected in pre-sterilized 8 oz. jars using a direct collection method, placed on ice and immediately transported to the laboratory. As per EPA request, these samples were analyzed for bacteria at EPA NERL. For additional information, see Attachment I for COC documentation.

Modification 2

In order to characterize various materials on site, the EPA OSC requested lead in paint and demolition impact surveys. The paint samples were analyzed for the presence of lead in situ utilizing a Niton 702 portable XRF by EPA NERL on 30 July 1998. For additional information refer to the memorandum entitled *Rogers Fibre Mill, Bar Mills, Maine - Lead in Paint Survey*. Additionally, as part of the demolition impact survey, Seacoast Ocean Services conduct an asbestos survey on 14 August 1998. For additional information, refer to the document entitled *Demolition Impact Survey for Rogers Fiber Mill at Bar Mills, Maine EMI# 98-2733*, prepared by Environmental Management Inc.

Modification 3

As a result of Tank 3 XRF field screening samples revealing the presence of thorium and exhibiting low level amounts of radiation using a Micro R radiation meter, U.S. EPA conducted a gamma spectroscopy analysis at the National Air and Radiation Environmental Laboratory (NAREL). This sample was collected in order to characterize the tank material for disposal purposes. For additional information, refer to the site analytical file.

Modification 4

In order to characterize the water from an on-site well, the EPA OSC requested one water sample to be collected. The sample was analyzed for low level VOCs, SVOCs, pH, total metals, hardness, and bacteria at EPA NERL. This drinking water sample was collected at a depth of 100 feet using a submersible pump. The sample was containerized, preserved, and analyzed in accordance with Table 1B. For additional information, see Attachment I for COC documentation.

Modification 5

As of 1 December 1998, due to the increased frequency of sample shipments, low/medium metals in water PE samples were analyzed on a weekly basis. In January 1999, since the frequency of sample shipments was sustained, low/medium metals and low/medium SVOCs PE samples were analyzed on a biweekly basis.

Modification 6

On 8 December 1998, under the direction of the EPA OSC, three soil samples were collected from off-site quarries. The samples were analyzed for PCBs to characterize fill material that will be utilized on site. These samples were collected in accordance with Section 5.1.4 Surface Water/Sediment Sampling. The samples were containerized, preserved, and analyzed in accordance with Table 1E. For additional information, see Attachment I for COC documentation.

Modification 7

On 28 January 1999, as per OSC request, one sample was collected to further characterize a tumbler (Tank 13). The sample was analyzed for the following additional parameters: TCLP VOCs, reactive cyanide, and sulfide. Refer to section 5.1.2 Solids/Debris Sampling for sample collection procedures. The TCLP VOC sample were analyzed using SW846 methods 8240/8260. Reactive cyanide and sulfide samples were analyzed using method SW 846 7.3. The sample was containerized, preserved, and QA/QC sampled in accordance with Table 1D (VOCs and Cyanide). For additional information, see Attachment I for COC documentation.

Modification 8

On 24 March 1999, as per OSC request, two surface water samples were collected from the tailrace and sluiceway. These samples were collected following the observation of a sheen located within the excavation, which appeared to be confined by a boom placed in the tailrace. The surface water sample was analyzed for oil and grease utilizing EPA Method 413.2. These samples were containerized in a 1-liter plastic bottle without preservative and placed on ice immediately. For additional information, see Attachment I for COC documentation.

Modification 9

As a result of removal activities, ERRS generated wastewater from decontaminating the water treatment equipment and by storing kerosene. In order to categorize this wastewater, START collected two wastewater samples. The decontamination wastewater sample was analyzed for total mercury, total copper, and pH utilizing EPA methods 200.7, 245.1, and 150.1, respectively. The kerosene wastewater was analyzed for total petroleum hydrocarbons (TPH) by infrared (IR) using EPA Method 418.1. These samples were containerized in a 1-liter plastic bottle without preservative and placed on ice immediately. For additional information, see Attachment I for COC documentation.

Modification 10

Due to the high water content in the tailrace and sluiceway, ERRS sediment excavation activities were haulted. On 21 April 1999, six sediment samples were collected by START personnel to determine the extent of contamination remaining in the sediment. The samples were collected in accordance with Section 5.1.4 Surface Water/Sediment Sampling, and sent to NERL to be analyzed for RCRA 8 total metals and BNAs.

Modification 11

Due to the high levels of contaminants detected in the sediment samples collected 21 April 1999, OSC Tsang requested additional sediment sampling. On 18 May 1999, personnel from Weston REAC with START support established a sampling grid over the tailrace and sluiceway areas. Six sediment samples were collected and analyzed by the Response Engineering and Analytical Contract (REAC) contract laboratory.

Modification 12

On 4 June 1999, two additional samples were collected from the tailrace and sluiceway areas per OSC request. The samples were sent to NERL for RCRA 8 total metals and TCLP metals analyses in order to further characterize the sediment for waste disposal purposes.