

MEETING MINUTES

02-09-09

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- Ms. Lombard also explained that the Town can meet the required 20% cost share for the Cleanup grant by providing “in-kind” services including the Town’s time for project coordination, meetings, public outreach, as well as providing equipment including excavators and trucks, and assistance with universal waste consolidation and building demolition.
- Mr. Patten asked if the Town could receive a “hardship waiver” from EPA to waive the required 20% cost match. While the Town will provide matching funds as much as possible, it was estimated that the \$23,000 may be hard to find given the exiting Town budget and lack of available funds. Ms. Lombard indicated that she will look into waiver requirements, but also stated that in-kind services provided by the Town will add up quickly and may be able to meet the cost match.
- It was also asked by Credere if demolition of the building was an eligible cleanup expense under the EPA Brownfields Cleanup grant, since it was required to be completed in order to fully characterize the floor drains and complete remediation of the site. Ms. Lombard indicated that it was an eligible expense as long as it was necessary to characterize the floor drain in the building and complete the remediation.
- Federal bidding requirements were also discussed. It is desired to utilize qualified local Pittsfield based contractors as part of the project wherever possible. Ms. Lombard indicated that based on the size of project, federal bidding requirements were not applicable. She also indicated that the subcontractors required for the project could go through Credere’s contract with the Town who was selected based on a competitive bidding process.
- The EPA provided a checklist of items that need to be completed as part of the cleanup grant. The group discussed each of the items as well as the person/group responsible for each task. A summary of major tasks is provided below:
 - Enroll In Appropriate State Response Program – Credere Associates (Mr. Patten) will draft the Voluntary Response Action Program (VRAP) application for the site and submit the application to the Maine DEP on behalf of the Town, after Town review. It was inquired if the \$500 application fee could be waived by Maine DEP. Mr. Fuller (Maine DEP) indicated that he would look into it.
 - Community Relations Plan – The Town (Ms. Ruth) will be responsible for implementing the Community Involvement portion of the project and will draft the Community Relations Plan for the site. Ms. Lombard provided an example Community Relations Plan to use as a basis. The Town has already established an information repository and administrative record for the site and will maintain it for the duration of the project.

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- Analysis of Brownfields Cleanup Alternatives – Credere Associates (Mr. Patten) will draft the Analysis of Brownfields Cleanup Alternatives for review by the Town, DEP and EPA. It was agreed that a simple comparison of the recommended remedial alternative to a “No Action” alternative (i.e., doing nothing at the site) was appropriate since this cleanup is relatively small. The draft will then be subject to a 30 day public comment period. The Town (Ms. Ruth) will be responsible for providing public notice as well as conducting a public meeting regarding the draft Analysis of Brownfields Cleanup Alternatives.
- Quality Assurance Project Plan – Credere Associates already has an approved state-wide Quality Assurance Project Plan (QAPP) for the State of Maine. Therefore, one is not required to be submitted and approved by the Maine DEP and EPA. Credere Associates (Rip Patten) will complete a Draft Site Specific QAPP addendum outlining the specific samples to be collected and associated QA/QC requirements for this project. This will be reviewed by the Town, DEP and EPA prior to finalizing.
- Cleanup Activities – Credere Associates (Rip Patten) will coordinate and oversee remediation activities at the site. At the completion of activities, Credere will submit a draft summary report to the Town, DEP and EPA documenting remediation activities completed at the site.
- The specific remediation activities were discussed regarding the cleanup of the 10 Eelweir Road Site. Specific discussion items include:
 - Asbestos and Universal Wastes Removal from Building – Asbestos and universal wastes identified in the building will be removed prior to demolition. Credere will subcontract with a local asbestos abatement company to complete the asbestos abatement. Town staff will consolidate and transport universal wastes from the site through its regional transfer station and coordinate the disposal. Broken mercury bulbs were also identified within the building. Town staff is trained in mercury bulb spill response and will also complete this task. The Town’s time to complete this will be used as in-kind services for the project.
 - Oil and Hazardous Material – Two (2) containers of oil and hazardous material are located within the building. These containers will be removed by Town staff and transported to their regional transfer station for proper disposal.
 - Petroleum in Soil Along AST Fill Pipe – The previous Phase II Investigation recommended that petroleum [diesel range organics, (DRO)] contaminated soils detected along the AST fill pipe in exceedance of the

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Maine DEP Remediation Goal of 10 mg/kg be excavated and removed. This task will be completed as part of this project. Mr. Fuller of the Maine DEP indicated that a virgin petroleum disposal letter can be obtained from the Maine DEP. This will relieve the Town from having to provide costly disposal characterization. It was also discussed that a remediation goal be established by Maine DEP based on the field polybag headspace technique and visual and olfactory evidence of contamination, and not based on laboratory results. This will allow for field decisions to be made as far as determining the extent of soil to be excavated at the site without relying on laboratory analysis (which takes two weeks to get results back). Confirmatory DRO samples will still be collected at the conclusion of excavation activities to document the quality of soils at the limits of excavation. Please note that this approach is appropriate since DRO has not been detected in groundwater samples collected at the site. See attached site figure and analytical summary tables from previous Phase II investigation.

- Arsenic in Soil near Old Septic System – The Phase II Investigation recommended that the old septic system be removed and the subsurface soil be further characterized during removal. It was discussed during the meeting to possibly leave this area undisturbed recognizing that arsenic was not a compound of concern at the site and that the concentrations detected in soil samples collected from this area (11 and 23 mg/kg) do not constitute a source of arsenic on site and may be considered background concentrations for soils of Maine (please note one background soil sample was analyzed for arsenic at 7 mg/kg). Based on this above information, Credere Associates felt that removal of the soils around the septic system do not appear to be necessary and this soil removal not be conducted. Confirmatory groundwater samples (see below) can confirm that the septic system is not serving as a continuous source of arsenic into the subsurface environment. The Maine DEP indicated that they would have to conduct further review in order to agree or disagree with this recommendation.
- Metals in Groundwater near Old Septic System – The elevated arsenic, chromium and lead concentrations in groundwater previously detected at the site was attributed to high turbidity levels in the samples collected. As part of this project, these wells will be purged, re-sampled and analyzed for dissolved RCRA 8 metals to further assess groundwater quality at the site. It was recommended by Credere that total metals not be analyzed in addition to dissolved metals. The Maine DEP indicated that they would have to conduct further review in order to agree or disagree with this recommendation.

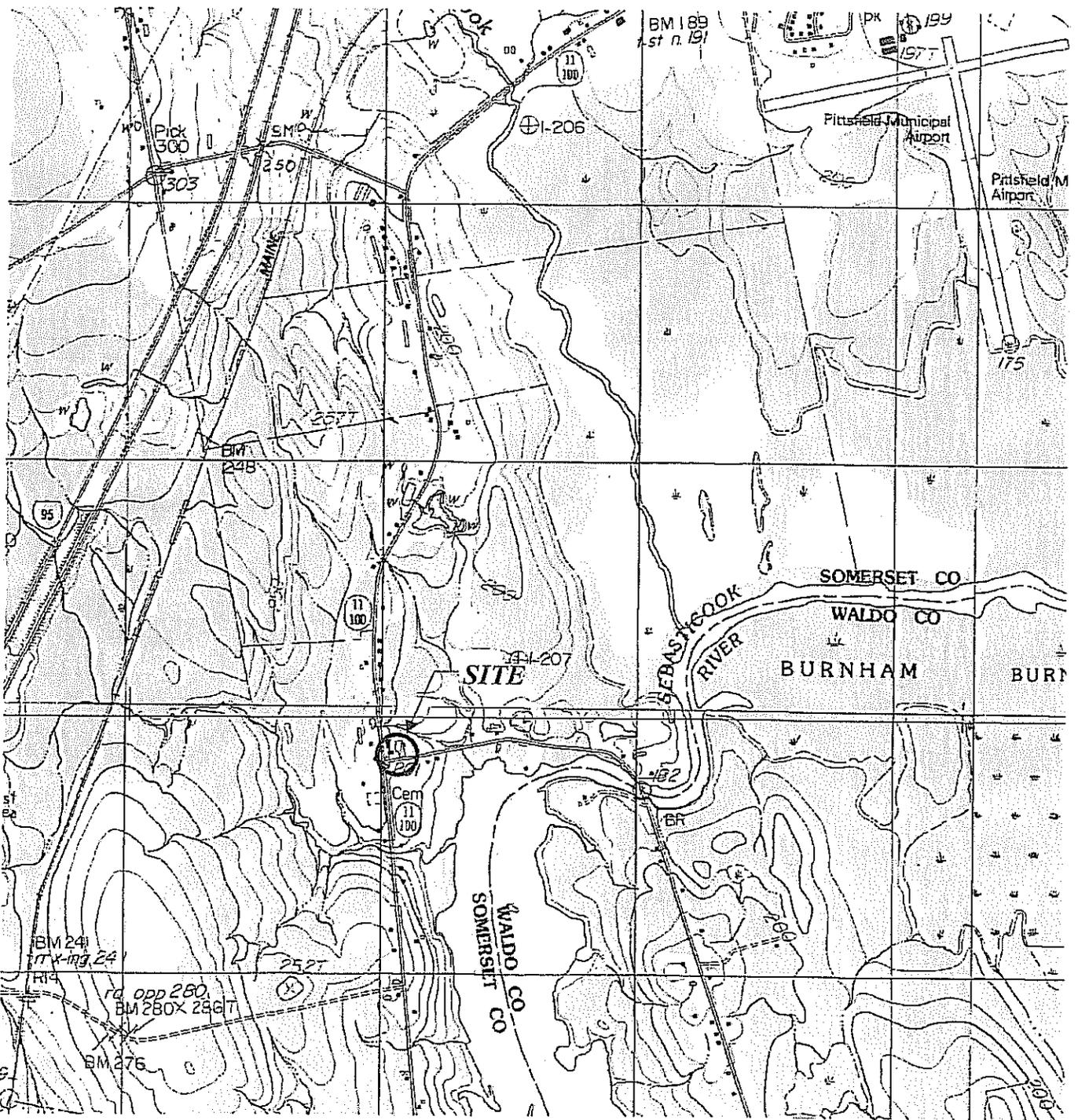
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- Neighboring Residential Well – An additional water sample will be collected as part of the project from the adjacent residential well and analyzed for dissolved RCRA 8 metals (and not total metals, see above).
- Floor Drains – As part of the project, an additional surface water and sediment sample will be collected from the eastern property boundary and analyzed for RCRA 8 metals. In addition, once the building is removed, an additional soil sample will be collected at the floor drain terminus and analyzed for VOCs by EPA 8260, Diesel Range Organics by Maine 5.4.25 and RCRA 8 Metals.
- Building Demolition – To facilitate the further characterization of the floor drain, the building will be required to be demolished. Town staff (Mr. Chute) will obtain quotes for the building demolition, removal and wood chipping. The Town will be looking into utilizing their staff to complete as much of this task as possible. Credere (Mr. Patten) will also assist with obtaining costs for this task.

The meeting concluded around 12:00 PM.



Site Location Coordinates: 044° 44' 54.83" N
069° 24' 12.55" W

SOURCE: USGS 7.5 Minute Topographic Quadrangles of Pittsfield and Burnham, Maine (MAPTECH)



FIGURE 1

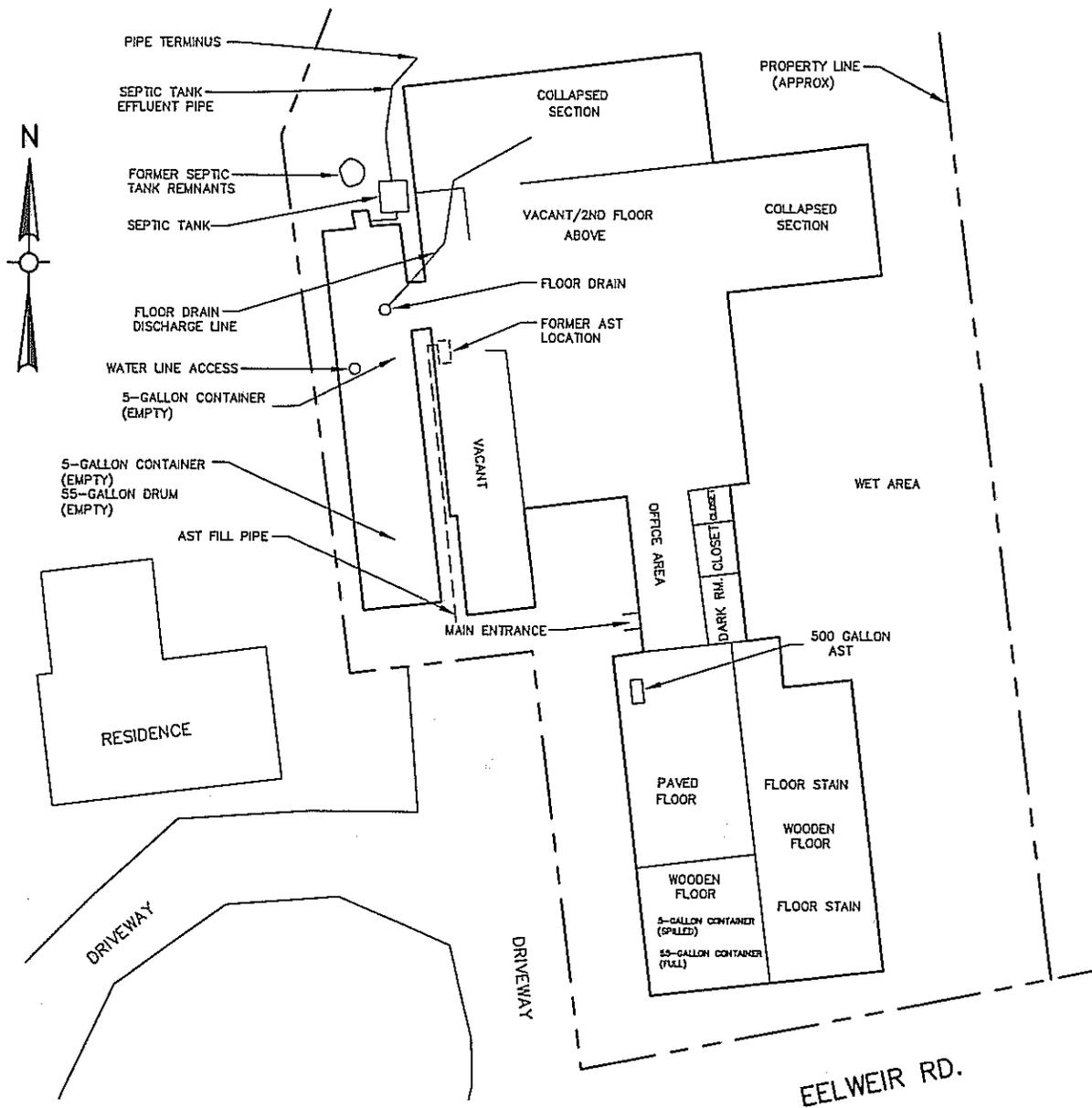
PITTSFIELD, MAINE
TAX MAP 7 LOT47A/10 EELWEIR ROAD

SITE LOCUS MAP

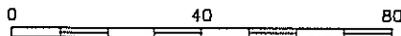
NOVEMBER 2007

SCALE: NOTED

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SCALE: 1"=40'±

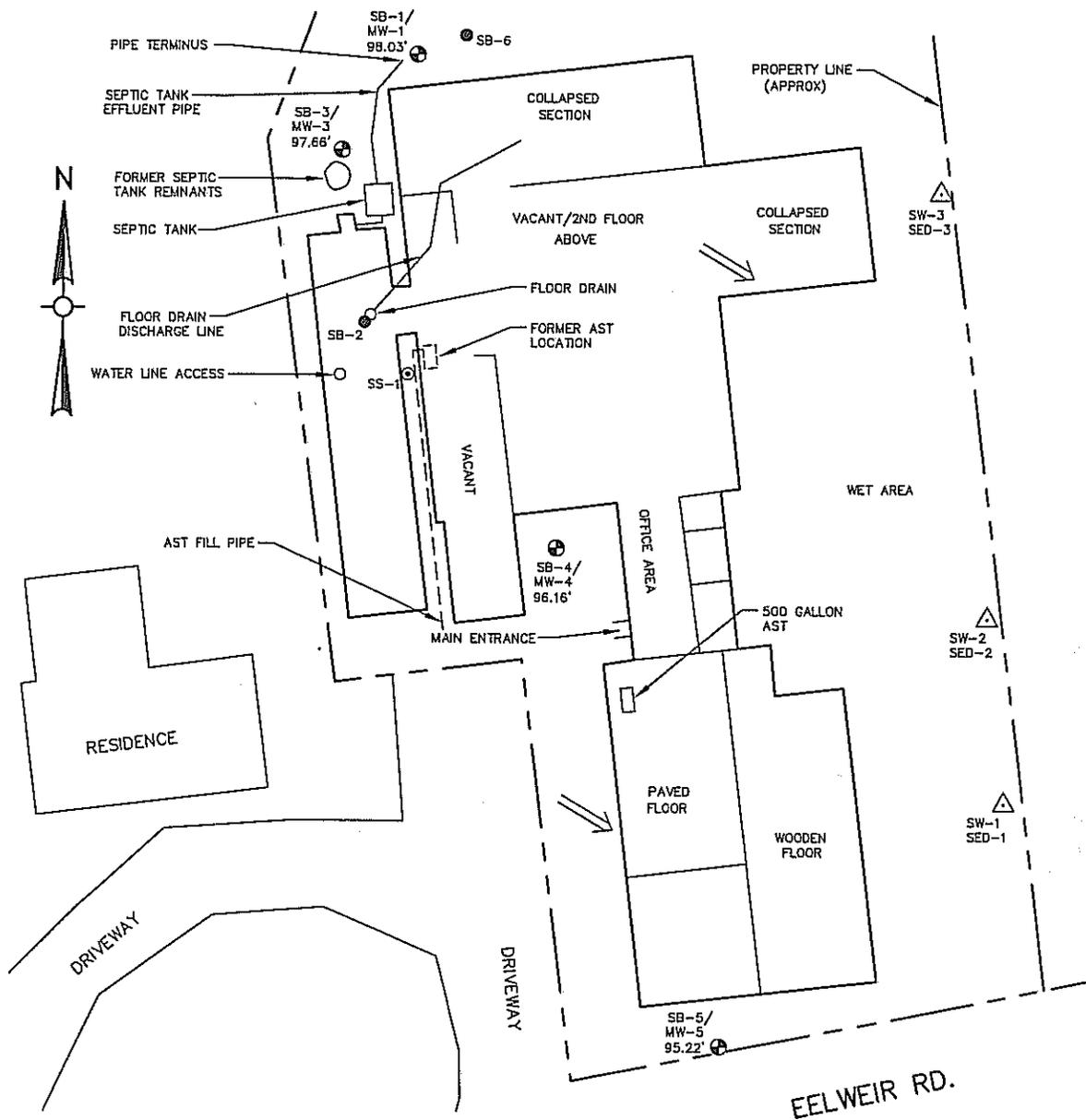


O:\Kennebec Valley ME\Pittsfield ME\Figures\FIG 2 SITE PLAN.dwg

SOURCE: MAI ENVIRONMENTAL SITE OBSERVATIONS FROM OCTOBER 16, 2006 AND MEGIS AERIAL PHOTO ORTH_2F46534955ME19, DATED MAY 19, 2003.

FIGURE 2
 10 EELWIER ROAD
 PITTSFIELD, MAINE
 SITE PLAN
 DATE: NOVEMBER 2007

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LEGEND

- SB-5/
MW-5 ⊕ 95.22' SOIL BORING/MONITORING WELL
GROUNDWATER ELEVATION
- SW-1
SED-1 △ SURFACE WATER & SEDIMENT SAMPLE
- SB-2 ● SOIL BORING
- SS-1 ⊙ SURFICIAL SOIL SAMPLE
- ⇒ PRESUMED GROUNDWATER FLOW DIRECTION

SOURCE: MAI ENVIRONMENTAL SITE OBSERVATIONS FROM OCTOBER 16, 2006 AND MEGIS AERIAL PHOTO ORTH_2F46534955ME19, DATED MAY 19, 2003.

FIGURE 3

10 EELMER ROAD
PITTSFIELD, MAINE

GROUNDWATER CONTOUR MAP

DATE: NOVEMBER 2007

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Table 1
Groundwater Elevation Data
September 12, 2007

Well I.D.	Well Depth (ft, bgs)	Screened Interval (ft)	Well Elev (TOC) (ft)	Ground Elev (ft)	Depth to Water (ft, TOC)	Water Elev (ft)
MW1	8	3-8	104.13	101.79	6.10	98.03
MW3	11	1-11	104.92	103.26	7.26	97.66
MW4	14	4-14	104.11	103.13	7.95	96.16
MW5	14	4-14	100.89	99.07	5.67	95.22

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Notes:

TOC = Top of PVC Casing

ft = feet

bgs = below ground surface

Elevation based on Site bench mark; assumed elevation of 100 ft above mean sea level

Table 3
 Surface Water Testing Results
 Pittsfield, Maine
 September 12, 2007

Parameter	Units	Sample ID			Applicable Maine Standard
		SW-1	SW-2	SW-3	
VOCs	mg/l	ND	ND	ND	varies

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NOTES:

VOCs = volatile organic compounds

mg/l = milligrams per liter

ND = not detected above laboratory method detection limit

MEG = Maine CDC Maximum Exposure Guidelines for drinking water

BOLD = parameter exceeds laboratory method detection limit

BOLD = parameter exceeds applicable Maine Standard

Table 4
Sediment Testing Results
Pittsfield, Maine
September 12, 2007

Parameter	Units	Sample ID			Applicable Maine Standard					
		SED-1	SED-2	SED-3	PRGs					
		Residential	Industrial	Residential	Trespasser	Adult Worker	Groundwater			
VOCs	mg/kg	ND	ND	ND	varies	varies	varies	varies	varies	varies

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NOTES:

- VOCs = volatile organic compounds
- mg/kg = milligrams per kilogram
- ND = not detected above laboratory method detection limit
- PRGs = Preliminary Remediation Goals
- RAGs = Remedial Action Guidelines
- BOLD** = parameter exceeds laboratory method detection limit
- BOLD** = parameter exceeds applicable Maine Standard(s)

Table 5
Groundwater Testing Results
Pittsfield, Maine
September 18, 2007

Parameter	Units	Sample ID					Applicable Maine Standard MEG
		MW-1	MW-3 (MW-3)	BD (MW-4)	MW-4	MW-5	
VOCs	mg/l	ND	ND	ND	ND	ND	varies
DROs	mg/l	NA	NA	NA	<53	<51	50*
Metals							
Arsenic	mg/l	0.05	0.08	0.08	NA	NA	0.010
Barium	mg/l	0.12	0.20	0.20	NA	NA	2
Cadmium	mg/l	<0.005	<0.005	<0.005	NA	NA	0.0035
Chromium	mg/l	0.05	0.11	0.11	NA	NA	0.040
Lead	mg/l	0.04	0.06	0.06	NA	NA	0.010
Mercury	mg/l	<0.0009	<0.0009	<0.0009	NA	NA	0.002
Selenium	mg/l	<0.05	<0.05	<0.05	NA	NA	0.035
Silver	mg/l	<0.007	<0.007	<0.007	NA	NA	0.035

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NOTES:

VOCs = volatile organic compounds

mg/kg = milligrams per kilogram

ND = not detected above laboratory method detection limit

MEG = Maine CDC Maximum Exposure Guidelines for drinking water

BOLD = parameter exceeds applicable Maine Standard

50* = MEDEP Procedural Guidelines for Establishing Action Levels and Remediation Goals for the Remediation of Oil

Contaminated Soil and Groundwater in Maine, Revised March 13, 2000

BD = blind duplicate

Table 6
 Residential Well Testing Results
 Pittsfield, Maine
 September 12, 2007

Parameter	Units	Sample ID	Applicable Maine Standard	
		Res Well	PRG	MEG
VOCs	mg/l	ND	varies	varies

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NOTES:

VOCs = volatile organic compounds

mg/l = milligrams per liter

ND = not detected above laboratory method detection limit

PRG = Preliminary Remediation Goal

MEG = Maine CDC Maximum Exposure Guideline for drinking water

BOLD = parameter exceeds laboratory method detection limit

BOLD = parameter exceeds applicable Maine Standard(s)