

# Callahan Mine Superfund Site

## Community Update

### Remedial Investigation Field Work to Continue

#### July 2005

Superfund Records Center  
SITE: Callahan  
BREAK: 135  
OTHER: 213132



SDMS DocID 000213132

### Progress Since April 2005

#### Community Update

Since the release of the April 2005 Community Update and the April 28, 2005 public meeting, the United States Environmental Protection Agency (EPA), Maine Department of Environmental Protection (MEDEP), Maine Department of Transportation (MaineDOT) have continued to make progress at the Site.

The Administrative Order of Consent (AOC) between EPA, MEDEP, and MaineDOT was finalized on June 13, 2005. The AOC provides a framework for the performance of the remaining work to complete the remedial investigation and feasibility study (RI/FS). EPA remains the lead agency for the Site and will be responsible for the selection of the cleanup action. EPA and MEDEP will provide oversight of the work to be performed under the AOC.

Activities completed as of June 2005 include:

- MaineDOT completed comprehensive Work Plan for the RI/FS. This Work Plan has been submitted to EPA, MEDEP, and the Technical Assistance Grant (TAG) consultant for the community for review.
- MaineDOT completed a spring surface water characterization of Goose Cove, Goose Pond, and a background location (Marsh Creek). Field measurements were obtained for temperature, pH, dissolved oxygen, specific conductivity, salinity, oxidation/reduction potential, and turbidity at 42 locations throughout these areas.

### Callahan Mine Superfund Site

#### Public Information Meeting

**August 9, 2005**

**Brooksville Community Center  
Confield Road  
Brooksville, Maine  
7:00 p.m.**

***Please come and visit with the EPA,  
MEDEP, and MaineDOT to discuss the  
project***

- MaineDOT collected samples of seeps and spring surface water run-off at 20 locations across the Site. These samples were analyzed for 23 inorganic constituents, alkalinity, chloride, and sulfate. Both filtered and unfiltered samples were collected for analysis. In addition, field measurements were obtained for flow, conductivity, dissolved oxygen, pH, temperature, turbidity, salinity, total iron, and ferrous iron.
- MaineDOT completed a Work Plan for the drilling and subsurface investigations at the Site. This Work Plan has been reviewed by EPA, MEDEP, and TAG consultant.
- EPA completed a document entitled "Remedial Investigation Data Report" documenting the work that was completed during 2004 and early 2005 as part of the EPA investigation program. This report will be made available at the Site information repository and will be placed on the EPA website.
- EPA sampled five residential wells for inorganic constituents in May 2005

Over the past few months several technical meetings have been held to better define the RI/FS. Representatives from EPA, MEDEP, the TAG consultant, and MaineDOT, the United State Geological Survey (USGS), United States Fish and Wildlife Service (USFWS), National Oceanic and Atmospheric Agency (NOAA) have participated in the meetings.

### **Site Investigation Program**

MaineDOT has completed a comprehensive draft Work Plan to complete the Remedial Investigation and Feasibility Study (RI/FS Work Plan). This document summarizes the work that has been completed to date and outlines the investigative program to complete the RI/FS. A set of rigorous field investigation programs are outlined in the RI/FS Work Plan. These programs include:

1. Surface Soil Characterization
2. Subsurface Soil, Waste Rock, and Tailing Characterization
3. Groundwater Characterization
4. Sediment Characterization
5. Surface water Characterization
6. Ecological Characterization
7. Ambient Air Characterization

A portion of the field work will occur during 2005 and the remainder in 2006. These field investigations, once completed, will further enhance an understanding of the nature and extent of contamination at the Site.

### **Schedule**

The activities outlined in the RI/FS Work Plan will be phased. The majority of the field work will be performed during 2005, however portions of the groundwater characterization, subsurface soil, waste rock, and tailing

characterization, and ambient air investigations may be performed in 2006. A summary of the investigation and results from the 2005 field work will be presented in a document entitled Initial Site Characterization Report. It is currently anticipated that the Initial Site Characterization Report will be released in Spring 2006. A work plan for any additional field investigations directed toward refining an understanding of site conditions and support the development of cleanup options will also be completed at that time. If additional field work is necessary, a cleanup proposal would be ready by Spring/Summer 2007.

### **Information and Contacts:**

Internet users may access current site information at:

<http://www.epa.gov/superfund/sites/npl/me.htm#statelist>

Site information can also be found at:

#### **Brooksville Free Public Library**

1 Town House Road  
Brooksville, Maine 04617

#### **For More Information Please Contact:**

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