



This document is a DRAFT. The final will be published with a current date some time before mid-March 2020. We are currently waiting for a 30-day AUL Notice period to expire. After that the AUL Plan and Notice of AUL documents will be filed at the Registry of Deeds, and then this Permanent Solution Statement will be submitted to MassDEP.

PERMANENT SOLUTION STATEMENT WITH CONDITIONS SUBMITTAL

**EASTERN ETCHING & MANUFACTURING, INC.
35 LOWER GRAPE STREET
CHICOPEE, MA 01020**

Prepared for:

**EASTERN ETCHING & MANUFACTURING, INC.
35 LOWER GRAPE STREET
CHICOPEE, MA 01020**

Prepared by:

**OHI ENGINEERING, INC.
110 PULPIT HILL ROAD
AMHERST, MA 01002**

OHI PROJECT #15-1700

Report Date:

JANUARY 14, 2020

January 14, 2020

David Slowick
Massachusetts DEP – BWSC-WERO
436 Dwight Street
Springfield, MA 01103

**Re: Permanent Solution with Conditions Statement
35 Lower Grape Street
Chicopee, MA 01020**

**DEP RTN: #1-20060
OHI Project #15-1700**

Dear Mr. Slowick:

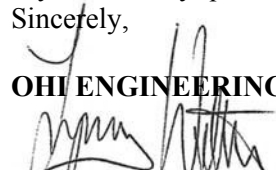
OHI Engineering Inc. (OHI) was retained by Eastern Etching & Manufacturing, Inc. (EEM) to provide Licensed Site Professional (LSP) services relative to material identified by the City of Chicopee in Tailrace #1 and Flood Gate Control Structure (FGCS) #1 located at 35 Lower Grape Street in Chicopee, MA (**Figures 1, 2, and 3**). OHI conducted an investigation which included historical research, multiple rounds of soil and groundwater sampling outside the limits of the tailrace, sampling of the Tailrace #1 fill material, and a ground-penetrating radar (GPR) survey. A video survey of the inside of Tailrace #1 was also attempted. That assessment identified petroleum, Lead, and Antimony in soil at levels above Reportable Concentrations (RCs) and Method 1 S-1 standards, but below Method 1 S-2/3 standards.

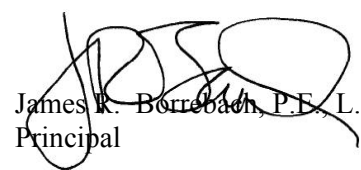
The area outside of Tailrace #1 and FGCS #1 that has been impacted by petroleum, Lead and Antimony is hereafter referred to as the "Site". These compounds have not impacted groundwater at the Site above Method 1 standards. Review of the soil results and groundwater contours indicates that the soil issues outside of Tailrace #1 and the material inside Tailrace #1 are not connected. Therefore, this Permanent Solution Statement with Conditions (PSWC) only addresses petroleum, Lead and Antimony impacts to soil at the Site. This PSWC does not address the material inside Tailrace #1 and FGCS #1 that are not owned by EEM, are not "in the environment" and are not "soil".

Method 1 Risk Characterization of the releases to soil at the Site supports a PSWC. Under current industrial use, the Site poses No Significant Risk (NSR), as defined in the Massachusetts Contingency Plan (310 CMR 40.0000). Under possible future residential use, a Notice of Activity and Use Limitation (AUL) is necessary to maintain a condition of NSR. This report has been prepared in accordance with requirements of the MCP.

If you have any questions or comments, please contact me.
Sincerely,

OHI ENGINEERING, INC.


Wm. Lyons Witten, PG, LSP
Regional Manager


James R. Borreback, P.E., L.S.P.
Principal