

MEMORANDUM

TO: To Whom It May Concern, MassDEP WERO

FROM: Matthew Kissane
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Timothy Clinton, CPG, LSP
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DATE: March 13, 2023

RE: Revised Release Notification Clarification Memo - RTN 1-21489

This BWSC103 Release Notification & Notification Retraction Form is being submitted to revise the Release Notification Form (RNF) for RTN 1-21489 submitted to the MassDEP on January 28, 2022. This revised RNF is being submitted in response to detections of two heavy metals that have exceeded their applicable Reportable Concentration during groundwater monitoring events occurring in December 2022, and January 2023.

The two heavy metals that exceeded their respective RCGW-1 criteria during the December 2, 2022 and January 11, 2023, groundwater monitoring events were Thallium and Antimony, respectively. The presence of these metals in groundwater may be a result of suspended sediment containing naturally occurring Thallium-and Antimony-bearing minerals in area soils. In response to these exceedances, the PRP, the Town of Shutesbury, will analyze samples during subsequent groundwater monitoring event(s) for both Total and Dissolved MCP-14 Metals. The analysis of groundwater samples by both methodologies will provide additional information regarding the source of the heavy metals, Thallium and Antimony, in groundwater.

Additionally, this revised RNF incorporates additional petroleum-related compounds in groundwater that have been detected at levels exceeding their applicable RCGW-1 criteria during groundwater monitoring events occurring since the submittal of the initial RNF in January of 2022.