

STATE OF MAINE

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF REMEDIATION AND WASTE MANAGEMENT

M E M O R A N D U M

TO: Kathy Tarbuck, P.E., Senior Environmental Engineer
Division of Technical Services
Bureau of Remediation and Waste Management

FROM: Richard S. Behr, Environmental Hydrogeology Specialist
Certified Geologist GE#342
Division of Technical Services
Bureau of Remediation and Waste Management

DATE: June 21, 2016

RE: **Bureau of General Services May 13, 2016 Submittal**
Juniper Ridge Landfill Expansion Application, MEDEP
#S-020700-WD-BI-N Follow-up to Department Staff's
Review Comments as presented in the Department's April
5, 2016 Letter

On January 15, 2016 I issued technical review comments¹ related to several sections of the Juniper Ridge Landfill Expansion Application. During a January 30, 2016 meeting Department staff discussed my comments with NEWSME, the State of Maine's Bureau of General Services (BGS) and Sevee & Maher, Inc. (SME). In response, on behalf of the Bureau of General Services and NEWSME, Sevee & Maher, Inc. (SME) prepared a March 2016 document² containing detailed responses to all of my January 15, 2016 review comments. I reviewed the March 2016 response to comment document and subsequently prepared an additional technical review memorandum which contained my follow-up comments³. Before BGS and NEWSME prepared the second round of

¹ Technical Review Memorandum from Richard S. Behr to Michael Parker, January 15, 2016, Juniper Ridge Landfill Expansion Application, Volume II, Site Assessment Report, Volume III, Design Report Volume IV, Operations Manual, July 2015.

² Response to Department Staff's Review Comments on the Juniper Ridge Landfill Expansion Application, MEDEP #S-020700-WD-BI-N, Transmittal Letter, Exhibit A: BGS and NEWSME'S Response to DEP's January 22, 2016 Technical Review Letter and Exhibit B: BGS and NEWSME's Response to DEP's January 15, 2016 Technical Review Memorandum.

³ Technical Review Memorandum from Richard S. Behr to Kathy Tarbuck, P.E., April 1, 2016, Response to Department Staff's Comments on the Juniper Ridge Landfill Expansion Application, MEDEP #S-020700-WD-BI-

response to comments, Department staff met with BGS, NEWSME and SME on May 6, 2016 to discuss the comments outlined in my April 1, 2016 review memorandum. The May 13, 2016 document contains BGS and NEWSME's responses to my April 1, 2016 response to comments memorandum and is the subject of this memorandum.

Comments

I have carefully reviewed BGS and NEWSME's May 13, 2016 response to comment document. I find the detailed comments and additional information included in the submittal satisfactorily addresses all of my outstanding concerns. Additionally, it is important to note SME's recent submittal⁴ regarding the supplemental bedrock evaluation has satisfactorily addressed my concerns about the need to complete additional bedrock explorations within the proposed expansion footprint. This information augments the current understanding of groundwater flow in the fractured bedrock beneath and in the immediate vicinity of the proposed landfill expansion. The results of this evaluation provided useful additional hydrogeological data that will further improve the proposed bedrock monitoring well network.

If you have any questions about this memorandum, please contact me.

Email: Richard Heath
Steve Farrar
Victoria Eleftheriou

N, Transmittal Letter Exhibit B – BGS and NEWSME's Response to DEP's January 15, 2016 Technical Review Memorandum, March 2016.

⁴ Sevee & Maher Engineering, Inc. Report – Transmittal of Supplemental Bedrock Borehole Data within the Expansion, Juniper Ridge Landfill (JRL), West Old Town, Maine June 7, 2016