



JANET T. MILLS
 GOVERNOR

MELANIE LOYZIM
 COMMISSIONER

Project Review Memorandum
 BUREAU OF LAND RESOURCES, DIVISION OF LAND LICENSING

To: Jami MacNeil, Project Manager *WJN* **Date:** 2-11-22
From: William T. Noble, Licensed Geologist **Division of Land Licensing**
Re: Additional Information: Sugarloaf – West Mountain Expansion,
Carrabassett Valley, Project No. L-000217-26-JX-A.
Environmental Geology Unit

Review of additional and revised information for this project, included with a response letter, dated 2-7-22, has been completed. The submittal has been provided to address a project review memorandum, dated 11-30-21. Comments are as follows (*comment item numbers coincide with those in the initial project review memo of 11-30-21*):

4. This comment item requested reports, when available, on geotechnical investigations that are to be conducted. The response states that these investigations are to be done this summer. It is recommended that submittal of geotechnical reports be included as a condition of site approval.
6. A wetlands report has been provided, however, it should be signed by the wetlands investigator responsible for its preparation, as was indicated by this comment. See Part I, Section 1.E.1.c of the site application. The copy found for review was not signed.
8. The response to this comment item indicates that 12 underdrained soil filter (UDSF) basins and 4 wetponds are proposed. These stormwater treatment basins have been numbered on plan sheets CG-3.01 through CG-3.08, as was requested. The following are noted:
 - » UDSFs P15 and P16 appear to be mislabeled P16 and P17, which should be corrected on plan sheet CG-3.08.
 - » The number for plan sheet CG-3.06 remains missing on the copy available for this review.
9. Additional information provided in response to this comment item reveals that only six of the proposed stormwater treatment basins have test pits within or near the footprints of these structures, as required by Section 7.D.4 of the Stormwater Management Rules. Additional subsurface information at the stormwater basins will not be requested for this project, unless needed by the reviewing DEP stormwater engineer, but the project consultants should be aware of this soil data requirement for future site location and stormwater projects. Note that without data on seasonal high watertable (SHWT) elevations at basin sites, specified elevations of the top edge of impermeable liners at UDSFs (*to equal or exceed the SHWT elevation*), may not be accurate.

Wetponds that have gravel benches (*trenches*) and/or outlets below the SHWT should have an impermeable liner along the sides and bottom to preclude groundwater seepage. See Volume III, Chapter 4 of the Stormwater BMPs Technical Design Manual. For wetponds that have test pit data (*P1, P11, and P13*), the gravel bench appears to be below the SHWT.

(continued)



DEP PROJECT REVIEW MEMORANDUM

Sugarloaf – West Mountain Expansion
Carrabassett Valley, Maine
2nd Review

Page 2 of 2
Project №. L-000217-26-JX-A
2-11-22

10. Revisions to the elevation table on plan sheet C1.06 for the USDFs has been made as indicated by this comment item, however, USDFs P15 and P16 have been mislabeled P16 and P17 in the table and should be corrected.
The cross-sections and notes for USDFs and wetponds on C1.06 reference a "low-permeability" material. Details for this material should be provided on the plan sheet (*e.g. textural specifications, compaction, moisture-density requirements, ASTM standards, etc.*).
12. The response to this comment item states that a revised Spill Prevention, Control, and Countermeasures (*SPCC*) plan is currently being completed. If not provided by the time the site location approval is issued, it is recommended that submittal of the *SPCC* plan be included in the Department Order either as a finding-of-fact or as a condition of approval.
13. It is recommended that submittal of a blasting plan, and map showing anticipated blasting locations, prior to any blasting activity, be required as a condition of site approval. See this comment item in the 11-30-21 review memo for suggested wording and content of this approval condition.

lwnsugarloafwmtn2.docx

