

### **3.1 GEOGRAPHY, SOILS AND TOPOGRAPHY COMMENTS AND RESPONSES**

**Comment 3.1-1 (Letter #1 Ralph P. Peragine, P.E., Stephan A. Maffia, P.E., Jay Snyder, and Anthony Agresti, TRC Engineers, Inc., March 4, 2009):** The statement that “Surcharge plates have been installed...” should be explained by the Applicant. The Applicant should confirm whether or not construction activities have already been performed on the site with respect to the surcharge program.

*Response 3.1-1: The surcharge plates have been installed to monitor the settlement of the fill - the surcharge program has commenced. Monitoring of the settlement will continue for a period of approximately 4 months. Acceptable compaction must occur for the project to advance to a site work/construction phase. The Applicant commenced the surcharge program to ensure there is not a significant time gap between the surcharge program and the commencement of site work. Actual site and construction work will not occur until site plan approval is secured from the Towns of Ramapo and Haverstraw.*

**Comment 3.1-2 (Letter #1 Ralph P. Peragine, P.E., Stephan A. Maffia, P.E., Jay Snyder, and Anthony Agresti, TRC Engineers, Inc., March 4, 2009):** There is no mention of the NYSDEC requirement to limit the disturbed area to 5 acres. A statement should be provided indicating the Applicants intent to comply with this provision the General Permit or in the alternative if it is intended to apply to the NYSDEC for pre-authorization to exceed the 5 acre threshold.

*Response 3.1-2: The Applicant proposes to obtain a SPDES General Permit for Construction Activities and will adhere to the condition limiting disturbance to 5 acres at a time.*

**Comment 3.1-3 (Letter #1 Ralph P. Peragine, P.E., Stephan A. Maffia, P.E., Jay Snyder, and Anthony Agresti, TRC Engineers, Inc., March 4, 2009):** The estimated amount of fill to be imported to the site shall be provided.

*Response 3.1-3: The surcharge program will require 60,000 cubic yards of fill to be imported to the site. Once acceptable compaction is achieved, the excess fill used for the surcharge program will be used as fill beneath proposed Buildings A and B.*

**Comment 3.1-4 (Letter #1 Ralph P. Peragine, P.E., Stephan A. Maffia, P.E., Jay Snyder, and Anthony Agresti, TRC Engineers, Inc., March 4, 2009 and Town of Haverstraw Public Hearing March 4, 2009):** The limit of disturbance line shown on the Figure (Figure 3.1-4) does not encompass the proposed drainage swale from the storm water pond to Minisceongo Creek. The line should be amended and the total area of disturbance revised accordingly.

*Response 3.1-4: Sheet 3 of 4 of the concept plan for Minisceongo Park illustrates the limits of disturbance. The project engineer estimates the total disturbed area to be 33.4 acres.*

**Comment 3.1-5 (Letter #4 Frederick P. Clark Associates, Inc., March 13, 2009):** The letter report from HDR/LMS poses concerns that the SDEIS does not appear to address. How will the residents of the Ramapo portion be safeguarded from potential contamination?

*Response 3.1-5: As stated in both the SEIS and the HDR/LMS report (Appendix F of the SEIS), the site can be developed with construction and demolition (c&d) material left*

*on site. The c&d material will be removed from the residential area and from any proposed building footprint location. The c&d will be consolidated into one on-site location and will be "capped". "Capped" is a term defined as "a protective cover or seal". the cap will protect anyone from coming in contact with it. The cap can be asphalt or could be several feet of clean fill with an asphalt cover. The specific cover will be included as details to be provided on the site plan that is approved by the Towns of Ramapo and Haverstraw.*

*As stated in the SEIS, the New York State Department of Environmental Conservation (NYSDEC) reviewed the subsurface investigations that were conducted on the property and the NYSDEC concluded that the construction and demolition material is not of sufficient quantity to be regulated by the NYSDEC or any of the NYSDEC's clean-up programs.*

*The Applicant contends that with appropriate mitigation as set forth in Appendix F, the site can be safely used by the proposed residential and commercial occupants.*