Appendix 7

Protection of the Groundwater/Leachate Collection and Treatment System and the Protection of the Former Coal Pile Cap

(FEAF §E.1.f and .h)

While not a Solid Waste Landfill, the former coal pile was closed similar to a former landfill. The coal pile was initially reconfigured under NYSDEC Order during 1987 and 1988. After that time, it was located within an approximately 5 acre area which was underlain by an impermeable bentonite and soil lining. The former coal pile was surrounded by a shallow stormwater collection system which cut off stormwater runoff from entering the coal pile area and which captured and diverted runoff from the coal pile area to the Main Lift Station (MLS) for treatment. When electrical generation at the Station ceased in 2008, pursuant to a NYSDEC-approved Plan most of the coal was removed and RG&E installed a top soil layer on top of the bentonite lining which was seeded. The stormwater which runs off this Coal Pile Cover is still collected and treated in the MLS.

In addition, in accordance with a NYSDEC Consent Order, also in the late 1980s, a groundwater/leachate cutoff wall and collection and treatment system was installed at the same time and has been operating ever since. The groundwater/leachate treatment system which is housed within the MLS is currently being upgraded.

Both the groundwater/leachate collection and treatment system and the coal pile cap will be protected during the D&R Project. The cap itself will necessarily be disturbed as the coal handling structures which are still located on the cap are removed. Detailed specifications are in place to insure that once these structures are removed the cap is repaired "to a condition equal to or better than that which existed prior to Project Work". (Project drawing G-103, Note 6.)

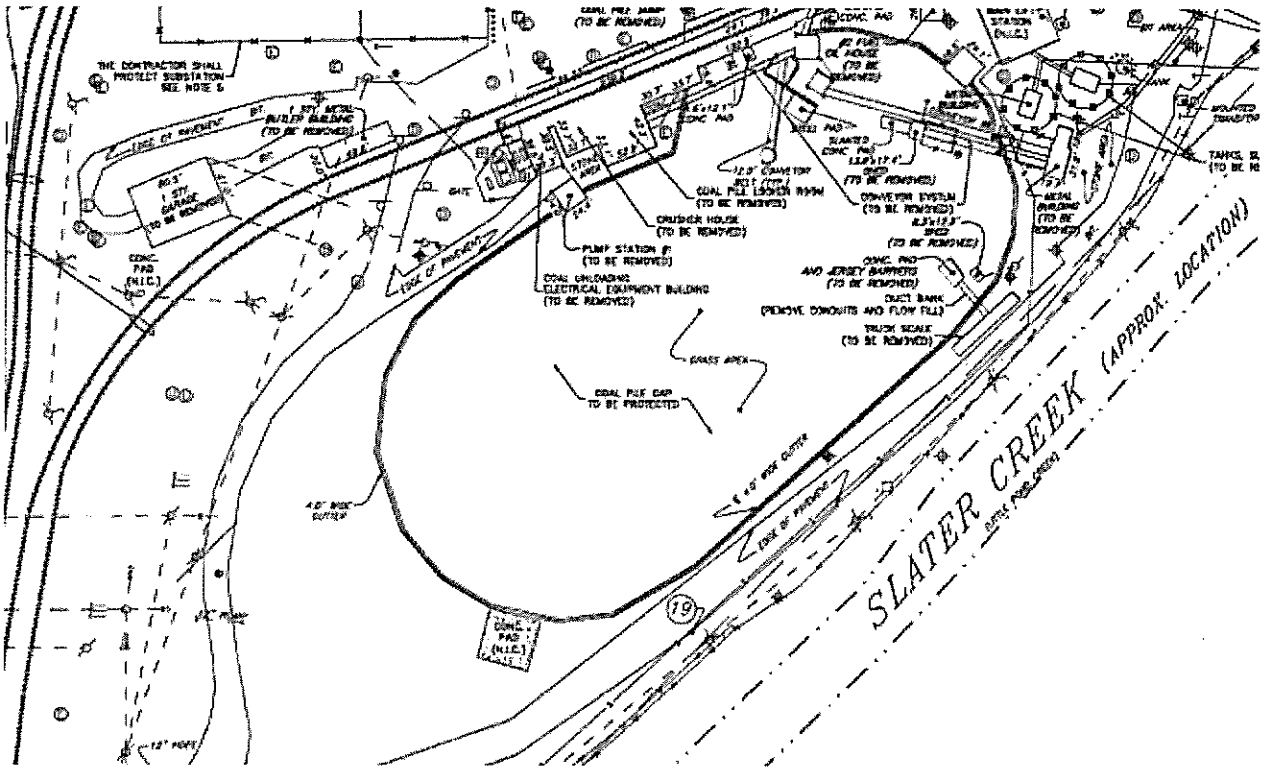
The groundwater/leachate collection and treatment system (the latter which is located in the MLS) will also be protected.

As part of this Project, the stormwater runoff from on top of the capped former coal pile, which is no longer exposed to coal pile related contaminants, will be diverted from MLS and managed with the other stormwater from the site, through diversion to an existing stormwater outfall (001) from which it will be discharged to Slater Creek in accordance with the site's SPDES Permit. This diversion of clean water from the Town sewer system will also address some of the off-site sewer capacity issues in this part of Greece.

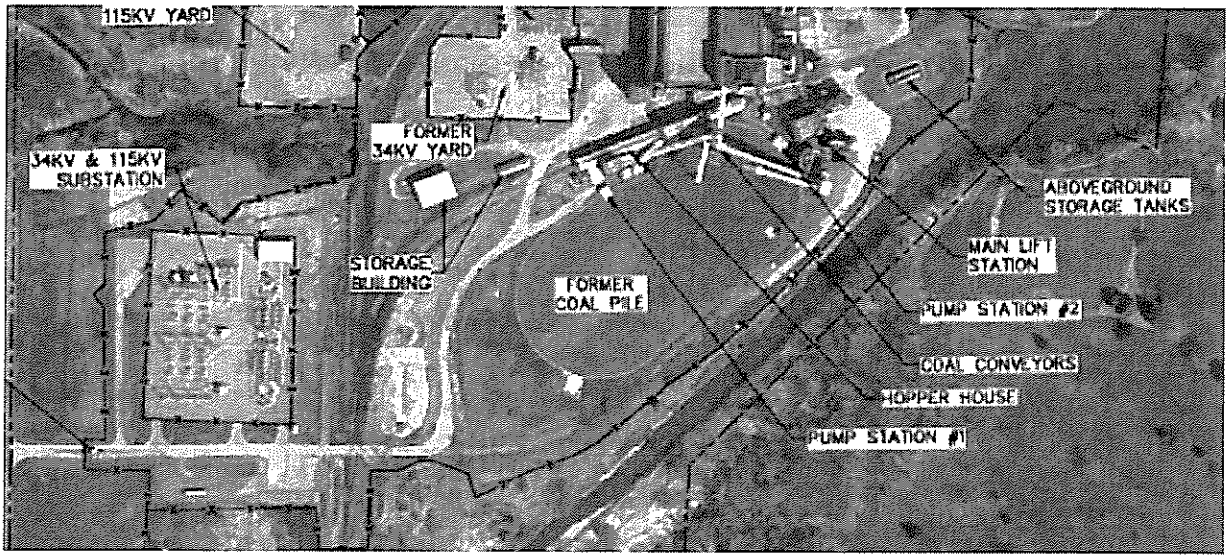
The Figures below are excerpts from the Project's technical specifications and drawings. Project specifications and drawings require:

- The D&R Contractor must protect the cap over the former coal pile throughout the Project.

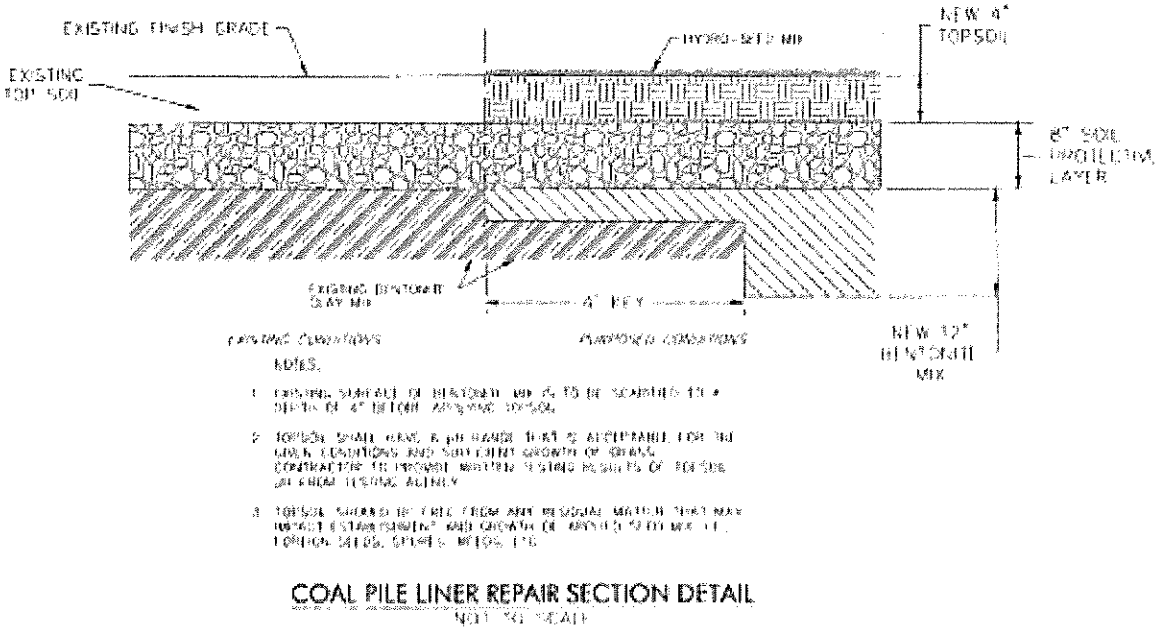
- Further, the Contractor must repair any damage done to the cap resulting from the Contractor's activities. The repair must restore any damaged section of the cap to a condition equal to, or better than, that which existed prior to the Project and in accordance with restorations detailed on the relevant Project drawing (an excerpt of which is below).



Excerpt from Drawing G-103



Excerpt from Drawing G-102



COAL PILE LINER REPAIR SECTION DETAIL

Excerpt from Drawing C-112