

Appendix 3

Dewatering, Sump Clean-out and Water Treatment Project Requirements

(FEAF §D.2.a and §D.2.c)

Sumps exist within some of the buildings, the bottoms of which are below the top of the groundwater table. Flooding within these areas is prevented through the operation of a series of sumps equipped with pumps. Continued use of these sump pumps will be needed until abatement, cleaning, scrap metal removal and solid waste removal are completed and the areas are approved for filling. Because foundations are being removed to approximately 3 feet below grade, or to the top of bedrock, whichever is higher, dewatering operations or installation of dewatering systems (including shoring and bracing of excavations) may be needed to address infiltration of stormwaters and groundwaters.

Detailed specifications have been developed for the decommissioning and removing of hydraulic systems and fuel oil/waste oil systems, and for limiting occupational and environmental exposures when closing/removing such systems. The specifications describe how to prepare such systems for removal (shut-down, lock-out, removal of liquids, reservoirs, pits/sumps and piping) in a safe manner, discuss oil recovery and management, prevention of spills during the work, management of waste materials and performance of excavation in the vicinity of such systems. They also establish procedures for notification of RG&E in the event evidence of historical spills associated with these site features are detected. The D&R Contractor will drain, purge, clean, seal and remove all facility utilities, including building sewers, troughs, sumps, pits, traps, discharges and floor drain systems.

In addition to dewatering water, precipitation falling on active areas of demolition and water-based material that had accumulated in sumps, pits etc., the Project will generate wastewater from activities such as decontamination of building components and equipment and dust control. The D&R Contractor is also required to provide and operate a water treatment system for collecting, pretreating and discharging all water removed from excavations, pits, sumps, basins, basements, trenches, asbestos abatement, waters from building decontamination, and demolition work. The pretreatment system will not be operated until a NYS Licensed Engineer has inspected and certified it. It is anticipated that the pretreated waters will be discharged to the Rochester Pure Waters District sewers for additional treatment prior to discharge. The Water Treatment specification includes management of sludges and solids from dewatering and other activities being placed in containers for characterization and disposal.