

Sent: Saturday, August 10, 2013 5:46 PM

Subject: Bingham: Wastewater treatment and irrigation system construction update

Dear Friends and Neighbors,

I'm writing to update you on activities at the Bingham facility, where we are preparing to upgrade the Bingham wastewater treatment and irrigation system as allowed by our DENR permit.

Over the past two weeks, tanker trucks have removed the rain water that was in the ponds and hauled it to OWASA for treatment. All three ponds are now empty. The contractor, Mid-Atlantic Infrastructure Systems, Inc., will begin mobilizing equipment and materials next week.

Following is a summary of the work that will be done:

Wastewater treatment. The wastewater treatment system that was the subject of the DENR violations will be completely decommissioned and removed as part of this project. The existing Advantex wastewater treatment system (sometimes referred to as the domestic waste water treatment system) will be upgraded to treat wastewater from all three buildings.

The large pond near the north property line will be rebuilt to serve as the primary holding pond for treated wastewater stored before irrigation. The medium-sized pond will be rebuilt to serve as an emergency overflow holding pond. Both upgraded ponds will have clay liners, rather than the plastic liners used in the existing ponds. The small pond will be backfilled and restored to match existing grade.

Irrigation system. The old spray irrigation system will be decommissioned and removed. A new drip irrigation system will be installed for irrigation of the treated wastewater from the Advantex system.

Construction schedule. Activities in August/September will include:

- Installation of construction staking/layout.
- Installation of sediment and erosion control devices to keep sediment from getting into the creek or its tributaries.
- Installation of tree protection fences.
- Removal of the plastic liners from all three ponds.
- Grading for the rebuilt ponds and installation of some related piping.

Most days the contractor will be using heavy equipment, including dump trucks and earth movers. Normal work hours will be Monday to Friday, from 8 a.m. to 5:30 p.m. However, it is possible that there may be situations where weather or other issues require variation from this schedule.

Until the new wastewater treatment system is functioning, pump and haul will continue every Wednesday.

I will continue to send updates as the work progresses. If you have any questions or concerns as the work progresses, please let me know.

Best,
Linda

Linda Convissor
Director of Local Relations, Office of the Chancellor
919.962.9245
Linda_Convissor@unc.edu
@lindaconvissor