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From: Daw, Larry (Environment Health & Safety)

To: Matthew.Fleahman@ncdenr.gov <Matthew.Fleahman@ncdenr.gov>

Cc: Jay Zimmerman <JAY.ZIMMERMAN@ncmail.net>; Koza, Mary Beth (Environment Health & Safety)

Sent: Wed Feb 17 23:00:52 2010

Subject: Inspection of ponds at UNC Bingham Facility

Matthew,

The Hutchinson Group, Ltd., the company doing the testing of the liners at the Bingham Facility, began their work yesterday (Tuesday February 16, 2010).

The visual inspection of the liner in the large pond identified a substantial number of problem areas above the current water level. These problem areas could be holes, poorly welded areas, liner with significant visible damage (deep scratch), or even an area where it appears a sharp rock is located under the liner.

A visual inspection was also conducted on the visible parts of the liner for the two ponds associated with the Domestic System (permitted system). This visual inspection also identified problem areas with these two ponds.

Electrical methods are being used to test the liner below the current water line in the three ponds. Electrical testing was conducted today.

The electrical testing identified one area of damaged liner in the small pond and two areas of damaged liner in the medium pond. Electrical testing of the large pond identified a dozen or so damaged areas.

As we discussed this morning, we plan to submit a Pump and Haul Application so that we can implement repairs to the permitted system.

Our current plan is to shut down both wastewater systems at the facility. We will conduct an extensive review of each system and prepare any needed repairs prior to bringing the systems back online.

Please let me know if you have questions or comments.

Larry Daw, L.G.

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