

GZA  
GeoEnvironmental, Inc.

Loggers and  
Scientists

December 5, 2007  
File No. 32795.26

12-11-07

Rec'd 12/11/07



Mr. David Choppy  
Rhode Island Department of Environmental Management  
Office of Compliance and Inspection  
235 Promenade Street  
Providence, Rhode Island 02908-5767

*Sent Via Certified Mail*

Re: Holding Pond (Lagoon 4) Sampling Plan-UIC Closure  
Charbert, Division of N.F.A. Corporation  
Alton, Rhode Island

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Providence  
Rhode Island  
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Dear Mr. Choppy:

As required by Part C(4)(h)(2) of the July 5, 2005 Consent Agreement between RIDEM and NFA Corporation, GZA GeoEnvironmental, Inc. (GZA) has prepared this sampling plan for evaluation of the bottom soils/sediments within the Holding Pond located at the Charbert facility in Alton, Rhode Island. This sampling plan follows the required procedures and analysis to perform the soil/sediment sampling as specified in Part C(4)(j) of the Consent Agreement.

#### SCOPE OF WORK

##### Task 1 – Sample Collection and Analysis

Three (3) discrete soil samples will be taken from the bottom of the Holding Pond and analyzed individually. A shovel or stainless-steel hand auger will be advanced from the surface of the holding pond to a depth of approximately 12-inches below the existing ground surface elevation. Soil samples will be collected from the 0-inch to 12-inch soil depth interval at each location shown on attached Figure 1. Prior to use and between each sampling station, equipment will be cleaned and decontaminated using Alconox detergent wash followed with a deionized water rinse. The equipment will be dried prior to sampling the next location.

The samples will be placed in dedicated clean jars with the appropriate laboratory method preservatives (methanol) as provided by the laboratory, labeled, placed and stored in an ice-filled cooler and transported to GZA's Environmental Chemistry Laboratory in Hopkinton, Massachusetts (a Rhode Island Department of Health licensed facility) under chain-of-custody for analysis.

As stated in Part C(4)(j) of the Consent Agreement, the following laboratory analysis will be performed for each sample:

- Volatile Organic Compounds (VOC) by EPA Method 8260)
- Total Petroleum Hydrocarbons (TPH) with Hydrocarbon Finger Printing - (EPA Method 8100M)

