

US EPA ARCHIVE DOCUMENT



Goldman
Environmental
Consultants, Inc.

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Braintree, MA 02184

Superfund Records Center
SITE: Centredale
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Comment - to Tracy
or Gary

February 23, 1999

Gary Waldeck
Rhode Island Department of
Environmental Management
235 Promenade Street
Providence, Rhode Island

By facsimile [(401) 222-3812]

Re: Environmental Site Assessment Activities - Sampling Plan
Brook Village (the "Site")
2072 Smith Street
North Providence, Rhode Island
RIDEM Case No. 99-001
GEC Project No. 911-8010

Dear Mr. Waldeck:

As you know, Goldman Environmental Consultants, Inc. (GEC) has planned a limited subsurface investigation at the above-referenced Site. GEC anticipates beginning these activities around March 1, 1999. Per your request, GEC has prepared the following description of the proposed sampling locations and activities for the above-referenced Site. Given that Site investigations will commence in the very near future, we trust that this letter will suffice as the Sampling Plan.

During an underground storage tank removal (UST) in July 1998, GEC observed evidence of contamination within fill material adjacent to the UST. GEC plans to install seven soil borings/monitoring wells on the Site. The majority of GEC's proposed drilling locations are proximal to the Site building, within the evident limits of the fill material. GEC visited the site on February 22, 1999 and marked the following boring/monitoring well locations:

- One within the filled area to the north of the building on a paved parking area;
- One east of the UST where soil contamination was observed during a UST removal in July 1998;
- One near the southeast corner of the building on a paved parking area (this location is also downgradient of a nearby Cumberland Farms gasoline station);
- One within the filled area near the edge of the pavement close to the Woonasquatucket River;
- One near the southeastern limit of the fill material; and,
- Two borings near the southern limit of the pavement beyond the filled area, nearer to the low-lying landscaped area on the southern portion of the site.

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GEC's goal is to determine the nature and extent of soil and groundwater contamination, which, if present, is likely concentrated in the fill material surrounding the building. Soil samples will be collected approximately every five feet, and will be screened with a HNu photoionization detector (PID) during drilling activities.

GEC plans to submit grab soil samples and groundwater samples from each of the seven locations for volatile organic compounds (VOCs) via USEPA Method 8260 and polycyclic aromatic hydrocarbons (PAHs) via USEPA Method 8270. The depth of the soil samples from each boring submitted for laboratory analysis will be determined based on visual, olfactory and/or greatest HNu screening results. In addition, approximately four soil and groundwater samples will be submitted for total RCRA 8 Metals, polychlorinated biphenyls (PCBs) and dioxins (soil only for dioxins). The selection of these four soil and groundwater samples will also be based on the greatest evidence of contamination observed or detected during drilling activities. Soil and groundwater analytical results will be available within six weeks following the initiation of drilling activities.

→ Any wastes generated during onsite activities (i.e. soil generated during drilling, groundwater removed during sampling activities, and personnel equipment) will be stored and disposed in accordance with RIDEM Guidelines for the Management of Investigation Derived Wastes (IDW).

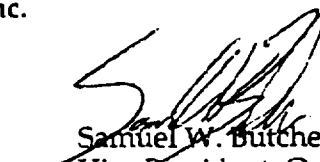
Following boring/monitoring well installation GEC will also conduct a rod and level survey of the monitoring wells to determine groundwater flow. Finally, GEC will prepare a report summarizing all Site activities and laboratory analytical results in accordance with RIDEM Remediation Regulations.

GEC recently visited the Site and did not see any evidence that the Site activities being conducted by EPA are ongoing. Further, based on our understanding of the EPA's scope of work, none of our investigations will conflict or will duplicate EPA activities.

We hope that this information has been helpful. GEC is prepared to begin drilling activities early next week. As such, we would like to submit our tenant and abutter notification as soon as possible, either today or tomorrow. Please contact the undersigned at (781) 356-9140 if you need further information and when we may proceed with our preparation activities.

Sincerely,
Goldman Environmental Consultants, Inc.


Heather A. Boyd
Environmental Scientist


Samuel W. Butcher
Vice President, Operations

NOTES

- 1.) THIS DRAWING IS A GRAPHICAL REPRESENTATION ONLY AND SHOULD NOT BE USED AS A SURVEY.
- 2.) BASEMAP TAKEN FROM NORTH PROVIDENCE ASSESSOR'S MAP #14.

