



CARIBBEAN HYDRO-TECH, INC.

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Clifford Crooke, Env. Specialist III
Div. of Environmental Protection
Dept. of Planning and Natural Resources
Nisky Center, St. Thomas USVI

Dec. 4, 1992

Re: Western Auto Site Investigation

Dear Sir,

As planned, site investigations on the location of suspected underground tanks formerly operated by the Western Auto store located at Four Winds Plaza, #392 Anna's Retreat, St. Thomas continued this week. Following your suggestion, I continued the effort to locate the UST near the Western Auto repair bays, reportedly used for diesel fuel storage for the Western Auto generator. We also investigated the cap protruding from the ramp area located to the north and west of the Western Auto repair bays.

The site investigation proceeded utilizing similar investigative methods and quality control/quality assurance as described in my letter of Nov. 28, 1992:

1. Generator Room: The cap that protrudes from the ramp located at the northwest corner of the area was removed. A probe was inserted into the opening. The apparent tank was filled with sand and is approximately (appx.) 5 feet (ft.), two inches deep. A 100 milliliter (ml) bottle was filled with sand. No further investigation was performed at this location. Further investigations are planned for the week of Dec. 6, 1992.

2. TW-4: Located 17 ft North and 10 ft. west of the first bay (appx. halfway between the wall and TW-3). Drilled to refusal at 30 inches. A brown-gray clay was encountered with a slight hydrocarbon odor. Samples were taken for TRPH, oil and grease, and EPA analyses 8010, 8020 and 8100.

3. TW-5: Located 17 ft. north and 6 ft. west of the first bay. Drilled to refusal at 36 inches. Gravel was encountered under the concrete pad. Water was encountered appx. 1.5 ft. below the surface. As in TW-2, water with a hydrocarbon odor and oily appearance was encountered and sampled for TRPH, oil and grease and EPA analyses 601, 602 and 610 (aqueous counterpart to soil analysis from TW-4).

4. Tank #2: An apparent vent had been located at the southeast corner of the existing above-ground diesel tank that stands in a concrete containment wall north of the bays. A trench was dug in the southeast corner of the containment wall where copper and pvc conduit were found. There appeared to be an old vent and/or fuel lines leading to the southwest. The lines were traced to a location appx. 11 ft. west and 12 ft. north of the first bay. Upon further excavation a 2 ft. X 2 ft. opening was created. A metal fitting was found with a copper line running back to the building. This fitting was removed. A probe was inserted into the tank. The tank appears to be three ft. deep. It contained appx. 2.5 ft. of hydrocarbon or hydrocarbon-like product. Further excavation to determine the size of the tank and sampling to determine the contents of the tank will be performed the week of Dec. 7, 1992.

Mr. Crooke was called at the St. Thomas-DPNR Office on Friday, December 7, 1992. I reported the findings of my investigation to date. Further investigations are planned for the week of Dec. 6, 1992. Please contact me with any questions or comments.

Sincerely,

Bruce K. Green 231 1992

cc: J. Dema