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REPORT OF RESULTS FROM SOIL SAMPLING AT TRUMAN ANNEX NAS KEY WEST FL
12/1/1987
ENVIRONMENTAL TECHNOLOGIES INC

REPORT OF RESULTS FROM SOIL SAMPLING
DECEMBER 1987

Site

Truman Annex
Key West, Florida

Owner

Truman Annex Company
Contact: Jim Vernon, Infrastructure Coordinator
Phone: (305) 296-5601
FAX: (305) 296-1667

By

ENvironmental Technology, Inc.
A Subsidiary of Hazwaste Industries, Inc.
2 Foushee Street
Richmond, Virginia 23220
Contact: P.J. Smith, Director of Geotechnical Services
Phone: (804) 230-2140
FAX: (804) 230-2144

SOIL REMOVAL REPORT
Truman Annex Company, Key West, Florida

The Truman Annex Company purchased a former Navy Base at Key West, Florida for the purpose of development. The parcel is approximately 103 acres. There were approximately 60 buildings on the site. Prior to purchase by Truman Annex Company some of these were leased by the Federal Government to third parties for use as warehouses and/or businesses. Truman Annex Company is in the process of demolishing several buildings that have no historical significance or esthetic appeal.

During demolition of two of the Quonset huts and subsequent regrading of soils, discoloration of the soils was observed. Grab samples of these soils and subsoils indicated that some of the soils may be contaminated with chromium, which is considered to be a hazardous substance under RCRA EP Toxicity criteria. The validity of the samples and/or the extent of contamination is unknown at this time.

Subsequent to that discovery the area in question was covered with plastic to minimize infiltration of precipitation.

On October 14, 1987 Environmental Technology, Inc. collected fifty-four (54) soil samples from the two subject sites. These samples were collected using a stratified random sampling methodology as outlined in EPA Guidelines SW 846 Test Methods for Evaluating Solid Waste. Eighteen (18) samples were then selected for laboratory analysis. These 18 samples were chosen to best depict the level of contamination present at the site without

performing unauthorized analysis. During our sampling visit we were informed by Truman Annex Company to only analyze 18 samples. This sampling indicated that there was approximately 60 cubic yards of contaminated material. Prior to sampling and at the time of sampling of this material it was recommended that the site be covered with plastic to eliminate rain water infiltration into contamination. On November 12, 1987 Environmental Technology, Inc. began the excavation of the soil.

During the November 12, 1987 soil removal event 3 truckloads (45 cubic yards) of material were removed from the site. During this removal it was discovered that the discoloration was deeper in the ground than originally estimated. Six (6) additional trucks were ordered for November 16, 1987. On November 16, 1987 six (6) truckloads (120 yards) of material were removed from this site. Six (6) trucks were ordered for November 25, 1987. At this point ETI found it necessary to contract a different trucking firm to get better service. On November 25, 1987 six (6) truck loads (114 cubic yards) of material were removed from the subject site. Further trucking was then arranged for December. During the first two weeks of December approximately 540 cubic yards were removed in approximately 27 truckloads. At this time the site was judged clean due to the absence of discoloration.

During the course of this removal personnel from the Navy and Truman Annex Company were informed of the quantity of material being removed and its time frame for removal.

The soils were removed based on discoloration. After the

abovementioned procedures the site was considered to be free from visual contamination. This conclusion has not been verified by analytical procedures.