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By loprojectop at 8:16 am, May 18, 2006

9/24/93
WORK PLAN ADDENDUM

**ADDENDUM TO WORK PLAN
FOR
SUBSURFACE PETROLEUM HYDROCARBON CONTAMINATION
ASSESSMENT**

**PREPARED FOR
ALAMEDA COUNTY
ENVIRONMENTAL HEALTH**

**PREPARED
BY
CONSOLIDATED TECHNOLOGIES**

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By loppjectop at 8:16 am, May 18, 2006

**ADDENDUM TO WORK PLAN
FOR
SUBSURFACE PETROLEUM HYDROCARBON
CONTAMINATION ASSESSMENT**

**September 24, 1993
STID# 515**

**MS. SUSAN L. HUGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4530**

**RE: Addendum to Work plan for Subsurface Petroleum
Hydrocarbon Contamination Assessment at former Exxon service
station 3055 35th Avenue, Oakland, California 94619**

**After reviewing the issues that needed clarification I have listed
the responses in order according to the requests from the
addendum.**

- ⌘ The methods of remediation with regards to the remaining
contamination still on site have not been established due to the
lack of definitive information currently available. The methods
currently under consideration with the data collected are 1).
Vapor Extraction with onsite vapor incineration. 2). Bio-
remediation**

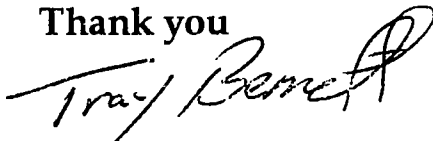
- ⌘ The Soil Sampling will commence at approximately five feet
below surface grade and will continue at five foot increments to
a depth directly above the ground water saturated zone Samples
will also be collected whenever a lithology change occurs while
drilling and when the water table is encountered.**

- ⌘ The proposed monitoring wells will be located according to the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and investigation of Underground Storage Tank Sites (Exhibit A included).
- ⌘ Ground water elevation readings will be performed every month for six months. Data collected after six months will be evaluated if monthly and quarterly ground water elevation readings are necessary for establishing ground water flow direction at the site.
- ⌘ Ground water monitoring wells will be sampled on a quarterly basis and analyzed for the following target compounds: TPH gasoline, TPH diesel, Benzene, Tolulene, Ethylbenzene, xylene, Total Oil and Grease. After four quarters of Non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure by RWQCB will be determined.
- ⌘ Stockpiled soil will be characterized and disposed of properly. Consolidated will supply (ACHCS) with copies of stockpiled soil disposal.
- ⌘ To the best of our Knowledge there were two 4000 Gal tanks and two 6000 Gal. tanks removed from the tank pit at 3055 35th Ave. as per the manifests. However our knowledge of this is limited due to the fact that Consolidated inherited the site from the former Contractor (unlicensed) after the tanks were removed.
- ⌘ All piping associated with the former tanks will be removed and properly disposed.
- ⌘ Enclosed are copies of the Chain of Custody signed by the receiving laboratory dated 11/6/91.

⌘ The Boring Logs submitted for B-9 was dated 5/11/91 incorrectly, the twelve soil borings at the site were conducted on November 5, 1991. There was no soil boring B-9 conducted on 5/11/91. Apparently the date was inverted from 11/5/91 to 5/11/91.

⌘ A time schedule for all phases of the investigation and remediation activities and anticipated time when cleanup will be completed is near impossible at this time due to the lack of definitive data at this time.

Thank you

A handwritten signature in black ink, appearing to read "Tracy Bennett". The signature is written in a cursive style with a large, looping initial "T".

Tracy Bennett