CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date:4/7/2010

Agency Name: San Francisco Bay Regional Water Quality Control Board	Address: 1515 Clay St., Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: (510) 622-2377
Responsible Staff Person: Marcia Liao	Title: Water Resources Control Engineer

II. SITE INFORMATION

Site Facility Name: ALCO Eden Consolidated Fire District		
Site Facility Address: 1430 164th Ave., San Leandro, Ca.		
RB Case No.: 01-1775	Local Case No.:	Priority:
Responsible Parties (include addresses and phone numbers)		
Alameda County Fire Department, 835 E. 14th Street, San Leandro, Ca. 94577, Robert Snodgrass, Fire Inspector		
Robert.snodgrass@acgov.org		

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1	550 (72”x48”)	Waste Oil	Removed	01/09/1989

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Tank was removed from use and it was discovered in the examination of the soil that a moderate level of Hydrocarbon contamination was present within the soil beneath the tank.		
Site characterization complete? yes	Date Approved by Oversight Agency: 4/7/2010	
Monitoring wells installed? no	Number: NA	Proper screened interval? NA
Highest GW Depth Below Ground Surface: NA	Lowest Depth: NA	Flow Direction: Regionally flow direction is believed to be Westerly – North Westerly
Most Sensitive Current Groundwater Use: None known; water for all uses at this site is supplied by East Bay Municipal Utility District		
Most Sensitive Potential Use and Probability of Use: None anticipated		
Are drinking water wells affected? no	Aquifer Name: San Leandro Cone	
Is surface water affected? no	Nearest surface water name: San Lorenzo Creek, 4000 feet south	
Off-Site Beneficial Use Impacts (Addresses/Locations): None known		
Report(s) on file? Yes	Where is report(s) filed? Alameda County Fire Department; and at http://geotracker.waterboards.ca.gov (Case No. 01-1775)	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	550 gallon – (72" x 48")	Removed and transported to H & H Ship Services, 220 China Basin, San Francisco, CA.	01/09/1989
Soil	24 tone of Soil with less than 500 mg/kg hydrocarbons in the soil	Removed and transported to Casmalia Resources, NTV Rd. Casmalia, CA, 93429	04/17/1989

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (mg/kg)		Water (ppb)		POLLUTANT	Soil (mg/kg)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH (8115)	16	Nd							
O & G (503E)	280	Nd							
VOC (8240)	Nd	Nd							

Comments (Depth of Remediation, etc.):

Site History and Description of Corrective Actions:

In preparation to close a case for a 550 gallon underground tank (UST) located South of the Alameda County Fire Station #3, one soil sample was collected from the undisturbed soils beneath each end of the tank. Total hydrocarbons as diesel (TPHd) was detected in the soil sample at concentrations of 9.0 and 16 mg/kg, respectively. The total recoverable Oil and Grease was 220 and 280 mg/kg respectively. The UST which was adjacent to the property line and storage shed was removed on January 9, 1989.

The depth of excavation at the time of removal may have reached five feet on the initial removal of the tank. Additional soil was removed, stockpiled on visqueen totaling 24 tons on April 17th, 1989, and then disposed of at an approved landfill facility. Two additional soil samples were taken from the bottom of the excavation and composited for analysis. These samples were analyzed for TPHd, Benzene, toluene, ethylbenzene, xylenes, as well as several other Volatile Organics by GC/MS (EPA8240). The results from the test were non detectable.

The final depth of excavation may have reached eight feet which was approximately four feet below the bottom of the tank. This was still above the elevation of reported ground water found at 8.5 feet below ground surface (bgs) found at the nearby Kentwood Apts. on March 23rd 2004. A report filed on May 11th, 1989 by Ensco indicates that the hole left behind from the tank was filled with clean soil and sealed with asphalt and no appreciable contamination presently exists within the tank excavation.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? yes
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? yes

Does corrective action protect public health for current land use? yes		
Site Management Requirements: If soil or groundwater that is disturbed or removed during further development activities is found to be contaminated, it must be reported to the City of San Leandro, then properly managed and disposed. Should property use intensify, a clearance for the proposed use shall be obtained from the Water Board or from the Department of Toxic Substances Control which may require a separate site assessment..		
Monitoring Wells Decommissioned: 0	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: Request to claim facility on Geotracker (July 3rd, 2008). Request for completion of an Unauthorized Release Form, and Soil and Water Investigation Work Plan. (October 31,2008)		
List Enforcement Actions Rescinded: 08/05/2009		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC.,THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Ensco Environmental Services, Inc., Tank Removal, 1430-164th Ave., San Leandro, Ca. EEs Project No. 4303 F.	05/11/1989
Ensco Environmental Services, Inc., Sequoia Analytical Data, 1430 – 164th.Ave., San Leandro, Ca. EES Project No. 4303 F	03/01/1989

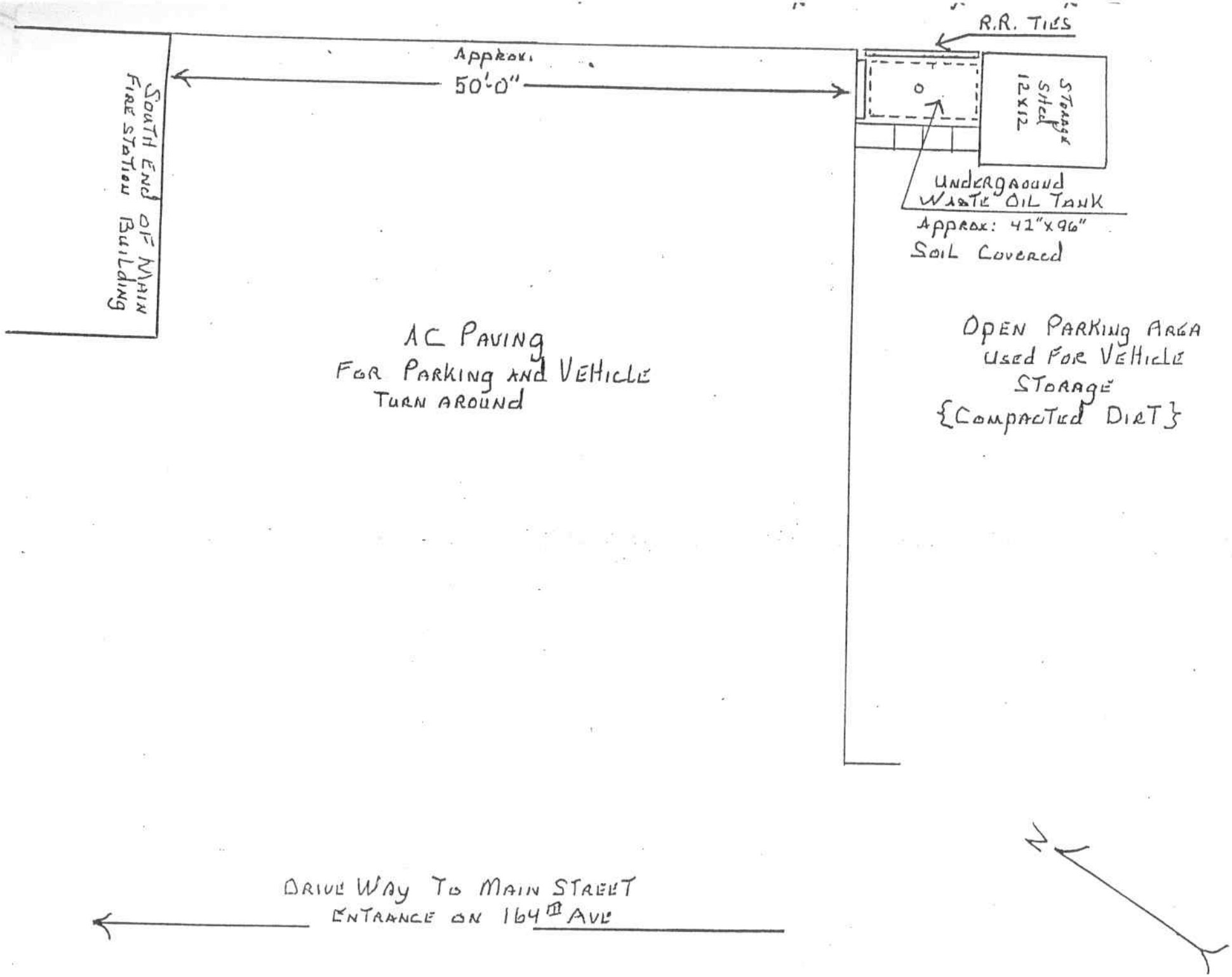
VI. ADDITIONAL COMMENTS, DATA, ETC.

Attachment – Site maps

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

Google maps Address

To see all the details that are visible on the screen,use the "Print" link next to the map.


R.R. TIES
Approx.
50'-0"
Storage Shed 12x12
Underground Waste Oil Tank
Approx: 42"x96"
Soil Covered
South End of Main Fire Station Building
AC Paving
For Parking and Vehicle Turn Around
Open Parking Area Used For Vehicle Storage {Compacted Dirt}
Drive Way To Main Street
Entrance on 164th Ave
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