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 1:52 pm, Jul 01, 2009
 Alameda County
 Environmental Health

APPROXIMATE GROUNDWATER
 FLOW DIRECTION

TR-24	TPHg	TPH-d	TPHmo	VOCs	Fuel Oxy
Soil at 5-5.5 (mg/kg)	ND	ND	ND	ND	NA
GW (µg/L)	NA	NA	NA	NA	NA

TR-23	TPHg	TPH-d	TPHmo	VOCs	Fuel Oxy
Soil at 5-5.5 (mg/kg)	ND	ND	ND	ND	NA
GW (µg/L)	NA	NA	NA	NA	NA

- EXPLANATION**
- ⊕ Proposed grab groundwater boring location
 - ⊗ Groundwater sampling location by Treadwell & Rollo, Inc., March 2008
 - ⊙ Soil and groundwater sampling location by Treadwell & Rollo., January 2008
 - ⊖ Monitoring well installed by Summit Engineering, 1993
 - ⊕ Soil and groundwater sampling location by Treadwell & Rollo, April 2008
 - x — Location of fence
 - - - Property boundary

- NA - Not analyzed
- ND - Not detected
- VOCs - Volatile Organic Compounds
- B - Benzene
- E - Ethylbenzene
- T - Toluene
- X - Total Xylenes
- TPHg - Total Petroleum Hydrocarbons quantified as gasoline
- TPH-d - Total Petroleum Hydrocarbons quantified as diesel
- TPHmo - Total Petroleum Hydrocarbons quantified as motor oil
- DIPE - Diisopropyl Ether
- MtBE - Methyl-tert Butyl Ether

Final Tier 1 ESLO, Residential, Shallow Soil, Drinking Water Resource							
	TPHg	TPH-d	TPHmo	B	T	X	DIPE
Soil (mg/kg)	83	83	370	0.044	2.9	2.3	NE
GW (µg/L)	100	100	100	1.0	40	20	NE (300 CA DHS 700 EPA)

- * MW-1 (screened from 4-19 ft.) installed in 1993. Contaminant concentrations were not detected in groundwater for four consecutive quarters. Depth of soil sample is not known. It is unknown if soil sample was analyzed for BTEX. Groundwater was sampled for MtBE in June 2006.
- Boring drilled to 28-feet and a temporary screen installed to collect sample.
- + Borings were drilled to 20-feet and a temporary screen was installed to collect sample.
- For water not considered a drinking water resource, the ESL for benzene in groundwater is 46 µg/L.

MW-1*	TPHg	TPH-d	BTEX	MtBE
Soil Unknown depth (mg/kg)	14	40	NA?	NA
GW at 4-19' (µg/L)	ND	ND	ND	ND

TR-18+	TPHg	TPH-d	TPHmo	VOCs	Fuel Oxy
Soil at 5-5.5' (mg/kg)	NA	NA	NA	NA	NA
GW (µg/L)	NA	NA	NA	T= 3.07 X= 2.35 others ND	NA

TR-4■	TPHg	TPH-d	TPHmo	VOCs	Fuel Oxy
Soil at 5-5.5 (mg/kg)	0.44	57.4	58.4	ND	NA
GW (µg/L)	<50	<103	<206	T= 1.61 others ND	NA

TR-17+	TPHg	TPH-d	TPHmo	VOCs	Fuel Oxy
Soil at 5-5.5 (mg/kg)	NA	NA	NA	NA	NA
GW (µg/L)	656	NA	NA	ND	DIPE= 352 others ND

TR-19+	TPHg	TPH-d	TPHmo	VOCs	Fuel Oxy
Soil at 5-5.5' (mg/kg)	<0.1	<2.0	<4.0	ND	NA
GW (µg/L)	NA	NA	NA	ND	NA

FORMER DISPENSER ISLAND

NO. 5850 HOLLIS STREET
 1 STORY CONCRETE
 WAREHOUSE

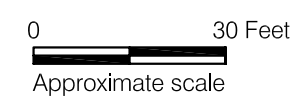
FORMER USTs

PAVED PARKING

EXCAVATION PATCH

VACANT PAVED YARD

HOLLIS STREET



ALDERS PROPERTY
5812 HOLLIS STREET
 Emeryville, California

PROPOSED BORING LOCATIONS

Date 06/26/09	Project No. 4823.02	Figure 2
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Treadwell & Rollo

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