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TRANSMITTAL

TO: Scott Seery **DATE:** August 30, 2002

COMPANY: Alameda County Health Care Services Agency **PROJECT #:** 268-1573

FROM: Melissa Tumbleson, 510-450-6124 **PHONE:** 510-567-6783

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ENCLOSED PLEASE FIND: Preliminary Results from Sunol Maintenance Yard and Pump Station

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COMMENTS:

Scott,

Attached are tables showing the preliminary results from the Sunol Maintenance Yard and Pump Station. I'm still waiting on some of the analyses. For the Pump Station results I've included a column titled "Run SVOCs?" so far there are only three that warrant SVOC analysis. The lab is already working on PS-4-GW. There are five soil samples with very low TPH-D results (<4 mg/kg) and ND results for O&G. I do not recommend running SVOCs on these samples as the TPH-D results were flagged with ndp-"Hydrocarbon reported does not match the pattern of our Diesel standard" and the results are likely organic matter that falls within the diesel range.

I'll give you a call to discuss.

Thanks,

cc: Randall Smith, SFPUC, 415-695-7377

Please call (510) 450-6000 if there are any problems with transmission.

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Table 1. Soil Sample Results from Hydropunch Borings, Sunol Maintenance Yard,
August 22-23, 2002

Sample Number	TPH-D	O&G	TPH-G	BTEX	MTBE	HVOCs
	mg/kg					
MY-1-S-5	1.3	ND		ND		ND
MY-1-S-10	3.1	ND		ND		ND
MY-1-S-15	2.1	ND		ND		ND
MY-1-S-20	ND	ND		ND		ND
MY-2-S-5	3.0	ND		ND		ND
MY-2-S-10	2.5	ND		ND		ND
MY-2-S-15	1.4	ND		ND		ND
MY-2-S-20	ND	ND		ND		ND
MY-3-S-5	ND	ND		ND		ND
MY-3-S-10	ND	ND		ND		ND
MY-3-S-15	ND	ND		ND		ND
MY-3-S-20	1.4	ND		ND		ND
MY-4-S-5	ND	ND		ND		ND
MY-4-S-10	ND	ND		ND		ND
MY-4-S-15	ND	ND		ND		ND
MY-4-S-20	ND	ND		ND		ND

Table 2. Ground Water Results from Monitoring Well Sampling and Hydropunch Borings,
Sunol Maintenance Yard, August 20-23, 2002

Sample Number	TPH-D	O&G	TPH-G	BTEX	MTBE	HVOCs
	µg/L					
MY-MW-1	ND	ND	ND	ND	ND	ND
MY-1-GW	ND	ND	ND	ND		ND
MY-2-GW	ND	ND	ND	ND		ND
MY-3-GW	ND	ND	ND	ND		ND
MY-4-GW	ND	ND		ND		ND

Table 3. Soil Sample Results from Hydropunch Borings, Sunol Pump Station, August 22-23, 2002

Sample Number	TPH-D	O&G	BTEX	MTBE	Run SVOCs?
	mg/kg				
PS-1-S-5	48	1400			Yes
PS-1-S-10	2.3	ND			No
PS-1-S-15	7.0	78			No
PS-1-S-20	ND	ND			No
PS-2-S-5	ND	ND			No
PS-2-S-10	ND	ND			No
PS-2-S-15	ND	ND			No
PS-2-S-20	1.1	ND			No
PS-3-S-5	ND	ND			No
PS-3-S-10	1.2	ND			No
PS-3-S-15	2.0	ND			No
PS-3-S-20	ND	ND			No
PS-4-S-5	ND	ND			No
PS-4-S-10	3.8	ND			No
PS-4-S-15	ND				
PS-4-S-20	ND				
PS-5-S-5	ND				
PS-5-S-10	ND				
PS-5-S-15	1.2				
PS-5-S-20	ND				

Table 4. Ground Water Results from Hydropunch Borings, Sunol Pump Station, August 22-23, 2002

Sample Number	TPH-D	O&G	BTEX	MTBE	Run SVOCs?
	µg/L				
PS-1-GW	ND	ND			No
PS-2-GW	ND	ND			No
PS-3-GW	ND	ND			No
PS-4-GW	340	ND			Yes- in progress
PS-5-GW	ND	ND			No