



August 1, 1994

VIA CERTIFIED MAIL

Ms. Jennifer Eberle
 Hazardous Materials Specialist
 Alameda County Health Care Services Agency
 Department of Environmental Health
 1131 Harbor Bay Parkway, 2nd Floor
 Alameda, CA 94502-6577

3279

**RE: Safety-Kleen Service Center
 400 Market Street
 Oakland, California**

Dear Ms. Eberle:

Safety-Kleen Corp. (Safety-Kleen) is in receipt of the Alameda County Health Care Services Agency (the County) letter dated July 27, 1994. The letter provides comments on the modified groundwater monitoring frequency implemented with the July 19, 1994 groundwater sampling event at the above-referenced Safety-Kleen facility. The revised schedule was approved by the County with the exception of the sampling frequency for monitor well MW-8. Safety-Kleen will comply with the County's request and sample well MW-8 on a quarterly basis starting with the next sampling event scheduled for October 1994. The new sampling schedule is presented below.

GROUNDWATER SAMPLING SCHEDULE

WELL ID	QUARTERLY	SEMI-ANNUAL	ANNUAL
MW-1		X ok	
MW-2	X ok		
MW-3	X ok		
MW-4	X ok		
MW-5			X ok
MW-6			X ok
MW-8	X ok		
MW-9			
MW-10		X ok	
MW-11			X ok
MW-12		X ok	
MW-13			X ok


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Alameda County Health Care Services Agency
August 10, 1994
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Also included in the County's letter was a request for information regarding the "deep well" (monitor well MW-13). The well is 70 feet deep and is screened from 65 to 70 feet below grade. A copy of the drill log for well MW-13 is attached.

A request to be notified at least two business days in advance of field work was included in the July 27, 1994 letter. Since the work has already been completed for July, the County will be notified prior to the semi-annual sampling event that will occur in October 1994.

If you have any questions or require additional information, please contact me at (310) 546-2082.

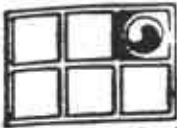
Sincerely,

for 

Anne Lunt
Senior Project Manager - Remediation
Safety-Kleen Corp.

Attachment

cc: Greg Hoehn, SEACOR



GROUNDWATER TECHNOLOGY, INC.

Monitoring Well 13

Sketch Map

Project Safety-Kleen/Oakland Owner Safety-Kleen Corporation

Location 404 Market Street Project Number 203 680 5016.07

Date Drilled 9/11-12/89 Total Depth of Hole 74' Diameter 12"

Surface Elevation _____ Water Level Initial 10' 24-hour _____

Screen: Dia. 4" Length 5' Slot Size .010"

Casing: Dia. 4" Length 65' Type Stainless S.

Drilling Company All Terrain Drilling Method Hollow Stem Auger

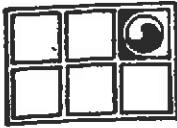
Driller Wes Rigsby Log by Craig Robertson

Geologist/Engineer _____ License No. _____

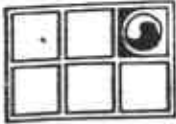
SEE SITE MAP

Notes
Continuously cored to 45'.

Depth (Feet)	Well Construction	PO (ppm)	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structure)
0					3 inches asphalt
0 - 2					Dark yellow-orange, silty, fine sand with trace of clay (loose, moist, no product odor).
2 - 4		ND		SM	
4 - 6					Medium yellow-brown, silty, fine sand (lcm. partings loose, moist, no product odor).
6 - 8				SM	
8 - 10					▼ Encountered water 9/11/89 (13:15 hrs.).
10 - 12					Mottled, medium yellow-brown/dark yellow-orange, fine to medium sand with trace silt (loose, saturated, no product odor).
12 - 14				SP	
14 - 16					Orange-brown, silty fine sand (medium dense, saturated, no product odor).
16 - 18		ND		SM	
18 - 20				SM	Mottled, light grey-yellow/orange-brown, silty, fine sand with trace of clay (medium dense, saturated, no product odor).
20 - 22				SP	Medium yellow-brown, medium sand (loose, saturated, no product odor).
22 - 24					(increasing silts and clay, grades medium dense)
24 - 26		ND		SP	Medium yellow-brown, medium sand with partings (medium dense, saturated, no product odor).



Depth (feet)	Well Construction	PO (ppm)	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
26	ND	A	A	SM	Dark yellow-brown, fine sand (medium dense, saturated, no product odor).
				SM	Medium orange-brown, fine sand (medium dense, saturated, no product odor).
28				SM	Medium brown, silty, fine sand (very loose, saturated, no product odor).
				SP	Dark yellow-brown, fine sand (loose, saturated, no product odor).
30				SM	Pale yellow-brown, fine sand (loose, saturated, no product odor).
				SM	Pale yellow-brown, fine sand with hematite lamella (medium dense, saturated, no product odor).
32				SM	
34				SP	Medium gray, fine sand with trace silt (loose, saturated, no product odor).
				SP	Pale yellow-brown, fine (loose, saturated, no product odor).
36				SP	Dark yellow-brown, fine (loose, saturated, no product odor).
38	ND	B	B	SP	
40				SP	(grades denser)
42				SP	Dark yellow-brown, fine sand (loose, saturated, no product odor).
44				SP	Unable to sample below 45 feet due to flowing sands. Installed plug in lead auger to continue drilling.
46					
48					
50					
52					
54					



Depth (feet)	Well Construction	PIB (ppm)	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
58					
60				SP	Gravelly sand (red chert, mafic pebbles 0.5 to 2 cm)
62					
64					
66					
68		ND			Light olive-grey, medium, sandy clay (soft, wet, no product odor). Occurrence was based upon bit rotation speed and penetration resistance. Sample was removed from the bit of the lead auger.
70				CL	
72					
74					End of 8" diameter pilot boring at 74 feet. Boring caved to 68 feet. Reamed to 70 feet with 12" dia. augers. Installed monitoring well.
76					
78					
80					
82					
84					
86					