

12 July 1999

Larry Seto
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

RE: Additional information requested for proposed well abandonments at the Nestle Oakland Facility located at 1310 14th Street, Oakland, CA

Dear Mr. Seto:

Per your letter the following information is attached:

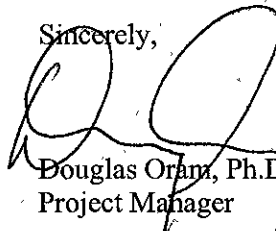
- Summary of the available monitoring results for the wells proposed for abandonment.
- Copy of the available well logs and construction information for the wells proposed for abandonment

A consistent subset of wells has been used to monitor the subsurface groundwater conditions at the site. As a result, only 21 of the 41 wells proposed for abandonment have been sampled. We have discussed the need to use the analytical results from a set of wells smaller than the ones to be abandoned because there is such a large number of wells at the site.

Well logs and construction diagrams are available for 12 of the wells proposed for abandonment. To assess the construction and depth of the wells that do not have well logs, ETIC gauged the depth and recorded the diameter of each of the wells to be abandoned. A table summarizing the results is attached.

We appreciate your time and consideration in this matter. If you have any questions please contact me at (925) 977-7914.

Sincerely,



Douglas Oram, Ph.D.
Project Manager

DEO/dah

Attachment

cc: Binayak Acharya, Nestle USA, Inc.

99 JUL 13 PM 2:30
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MONITORING WELL DATA

Date: 6/23/99

Site Location: 1310 14th Street Oakland, CA

Sampler: Chris Chatburn

Well ID	DTW	TD	Well Diameter	Well Box Diameter	Comments
MW1	9.45	46.80	4"	14.5"	
MW2	8.43	23.00	4"	14.5"	
MW4	DRY	7.64	4"	14.5"	
MW5	7.98	23.55	4"	14.5"	
MW9	8.30	23.00	4"	14.5"	
MW10	DRY	8.40	4"	14.5"	
MW11	7.78	22.04	4"	14.5"	
MW12	8.50	23.00	4"	14.5"	
MW13	8.12	22.00	4"	14.5"	
MW14	7.77	8.60	2"	12"	
MW16	8.02	9.00	2"	12"	
81	7.70	14.97	2"	14.5"	
94	7.62	15.17	2"	13-14"	
200	7.15	10.20	4"	14.5"	
201	7.54	10.12	4"	14.5"	
202	7.25	10.20	4"	14.5"	
203	7.82	14.70	2"	9"	
204	7.26	10.20	4"	14.5"	
205	6.24	10.20	4"	14.5"	
206	7.62	9.90	4"	14.5"	
207	7.28	10.20	4"	14.5"	
208	?	?	?	13-14"	Unable to open
209	7.72	17.60	2"	14.5"	
210	7.15	10.20	4"	14.5"	
212	7.52	10.20	4"	14.5"	
214	?	?	?	14.5"	Unable to open
215	5.07	5.08	4"	14.5"	
231	?	?	?	14.5"	Unable to open, requires hex wrench.
233	7.15	14.40	2"	14.5"	
224	7.42	10.20	4"	14.5"	
240	8.00	15.14	2"	14"	
241	7.80	14.60	2"	14"	
249	8.18	23.20	4"	13-14"	
250	7.82	19.20	2"	14.5"	
PR15	7.62	13.72	2"	9.5"	
PR100	?	?	?	?	Unable to locate
PR201	7.46	10.15	4"	14.5"	
PR203	7.06	10.10	4"	14.5"	
PR202	7.17	10.08	4"	14.5"	
PR206	7.34	10.16	4"	14.5"	
V24	7.50	10.18	4"	14.5"	
V46	7.25	10.05	4"	14.5"	

DTW: Depth to Water
 TD: Total Depth
 DRY: Dry, no water

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 99 JUL 13 PM 2:30

Table 7. Petroleum Hydrocarbon Concentrations in Groundwater Samples 1991

Well Number	Sample Number	Hydrocarbon Concentrations (ug/l)									
		TPH as gasoline	TPH as diesel	TPH as motor oil	Oil and Grease (Total)	Oil and Grease (Nonpolar)	Benzene	Toluene	Ethyl-Benzene	Xylenes (Total)	Other 8240 Compounds
MW-1	91062501	<50	<50	<500	<5000	<5000	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-2	91062510	<50	<50	<500	<5000	<5000	<0.5	<0.5	<0.5	<0.5	NT
MW-3	91062605	<50	<50	<500	<5000	<5000	22	<0.5	0.5	<0.5	NT
MW-3 dup	91062606	100	<50	<500	<5000	<5000	25	<0.5	0.6	<0.5	NT
MW-4	91062502	<50	<50	<500	<5000	<5000	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-5	91062509	<50	<50	<500	<5000	<5000	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-9	91062503	<50	<50	<500	NT	NT	<0.5	<0.5	<0.5	<0.5	NT
MW-10	91062504	<50	<50	<500	NT	NT	<0.5	<0.5	<0.5	<0.5	NT
MW-11	91062505	<50	<50	<500	NT	NT	<0.5	<0.5	<0.5	<0.5	NT
MW-12	91062512	<50	<50	<500	NT	NT	<0.5	<0.5	<0.5	<0.5	NT
MW-13	91062506	<50	<50	<500	<5000	<5000	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-14	91062507	<50	<50	<500	NT	NT	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-15	91062508	<50	<50	<500	NT	NT	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-16	91062513	<50	<50	<500	<5000	<5000	NT	NT	NT	NT	NT
MW-25	91062607	<50	<50	<500	NT	NT	0.8	<0.5	<0.5	<0.5	NT
MW-26	91062608	300000	2100	1600	<5000	<5000	4400	3600	260	4600	470 (1,2-DCA)
MW-26 dup	91062609	85000	1100	1000	5400	5100	3700	2700	160	3100	480 (1,2-DCA)
MW-27	91062610	<50	<50	<500	NT	NT	1.8	<0.5	<0.5	<0.5	NT
MW-28	91062601	<50	<50	<500	NT	NT	<0.5	<0.5	<0.5	<0.5	NT
MW-29	91062602	<50	<50	<500	<5000	<5000	<5.0	<5.0	<5.0	<5.0	<5.0-<10
MW-31	91062603	<50	<50	<500	NT	NT	<0.5	<0.5	<0.5	<0.5	NT
MW-32	91062604	690	<50	<500	<5000	<5000	550	<5.0	7.6	11	14 (1,2-DCA)
Field Blank	91062511	<50	<50	<500	<5000	<5000	<0.5	<0.5	<0.5	<0.5	NT
Field Blank	91062611	<50	<50	<500	<5000	<5000	<5.0	<5.0	<5.0	<5.0	<5.0-<10
Trip Blank	Trip Blank	<50	NT	NT	NT	NT	<0.5	<0.5	<0.5	<0.5	NT

Notes: <50 - Chemical not detected above reporting limit. NT- Not Tested.