Oakland
All-America City
1993

CITY OF OAKLAND

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Public Works Agency
Environmental Services

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December 12, 2002

Mr. Barney Chan
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

Subject: Request for Change from Quarterly to Semi-Annual Groundwater Monitoring at the City of Oakland Municipal Service Center, 7101 Edgewater Drive, Oakland, California

Dear Mr. Chan:

A Remedial Investigation at the City of Oakland Municipal Service Center (MSC) has been ongoing since 1989. A total of 45 monitoring and remediation wells have been installed both on and off-site and a significant number of soil borings were completed during various phases of the investigation. Many of the wells have been monitored quarterly since 1995 and monitoring reports were submitted to your office following each sampling event.

After a thorough review of the monitoring results, the City believes that the contamination (gas and diesel) has been adequately characterized and the plume has remained relatively stable. Semi-annual groundwater monitoring will be adequate to detect any changes in plume configuration. The City is requesting your concurrence to change the groundwater monitoring frequency from quarterly to semi-annual. The proposed monitoring schedule is presented in the attached table.

The proposed schedule will allow the City to reallocate half of the current monitoring funds to remediation. The shift toward remediation should accelerate the cleanup progress and provide additional environmental benefits. If you have any questions or require additional information, please call me at (510) 238-6361.

Sincerely,

Andrew Clough, R.G.
Environmental Programs Supervisor

cc: Xinggang Tong, URS Corporation

Revised Well Sampling Schedule and Protocol
City of Oakland Municipal Services Center

Well ID	Monitoring Schedule		Parameters to be Monitored							
	March	September	Elevation	Floating Product Thickness	pH	Dissolved Oxygen	Temp.	Specific Conduct.	TPH gas BTEX & MTBE	TPH d/k/mo
MW-1	X	X	X	X	X	X	X	X	X	X
MW-2	X	gauge only	X	X	X	X	X	X	X	X
MW-3	closed/destroyed									
MW-4	closed/destroyed									
MW-5	X	X	X	X	X	X	X	X	X	X
MW-6	X	X	X	X	X	X	X	X	X	X
MW-7	X	gauge only	X	X	X	X	X	X	X	X
MW-8	X	X	X	X	X	X	X	X	X	X
MW-9	X	X	X	X	X	X	X	X	X	X
MW-10	X	X	X	X	X	X	X	X	X	X
MW-11	X	gauge only	X	X	X	X	X	X	X	X
MW-12	X	X	X	X	X	X	X	X	X	X
MW-13	X	X	X	X	X	X	X	X	X	X
MW-14	X	X	X	X	X	X	X	X	X	X
MW-15	X	X	X	X	X	X	X	X	X	X
MW-16	X	X	X	X	X	X	X	X	X	X
MW-17	X	X	X	X	X	X	X	X	X	X
MW-18	gauge only	gauge only	X	X						
TBW-1	gauge only	gauge only	X	X						
TBW-2	gauge only	gauge only	X	X						
TBW-3	gauge only	gauge only	X	X						
TBW-4	gauge only	gauge only	X	X						
TBW-5	gauge only	gauge only	X	X						
TBW-6	gauge only	gauge only	X	X						
RW-A1	gauge only	gauge only	X	X						
RW-A2	gauge only	gauge only	X	X						
OB-A1	gauge only	gauge only	X	X						
RW-B1	gauge only	gauge only	X	X						
RW-B2	gauge only	gauge only	X	X						
RW-B3	gauge only	gauge only	X	X						
RW-B4	gauge only	gauge only	X	X						
RW-C1	gauge only	gauge only	X	X						
RW-C2	gauge only	gauge only	X	X						
RW-C3	gauge only	gauge only	X	X						
RW-C4	gauge only	gauge only	X	X						
RW-C5	gauge only	gauge only	X	X						
RW-C6	gauge only	gauge only	X	X						
RW-C7	gauge only	gauge only	X	X						
OB-C1	gauge only	gauge only	X	X						
RW-D1	gauge only	gauge only	X	X						
RW-D2	gauge only	gauge only	X	X						
RW-D3	gauge only	gauge only	X	X						
RW-D4	gauge only	gauge only	X	X						
RW-D5	gauge only	gauge only	X	X						
OB-D1	gauge only	gauge only	X	X						
OB-D2	gauge only	gauge only	X	X						

Notes:

gauge only = measure groundwater elevation and floating product thickness only

TPH d/k/mo = total petroleum hydrocarbons as diesel, kerosene, and motor oil after silica gel cleanup.