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2030 Addison Street, Suite 500 • Berkeley, California 94704 • 415 540-6954

July 14, 1989

87157.6

Mr. Bill Adams
City of Livermore
Department of Public Works, Water Reclamation Plant
1250 Kittyhawk Road
Livermore, CA 94550

Subject: Approval to Discharge Purge and Development Water from
Monitoring Well to Sanitary Sewer
Mill Springs Park Apartment Project
1799 Railroad Avenue
Livermore, California 94550

Dear Mr. Adams:

This letter confirms one June 20, 1989 telephone conversation regarding approval to discharge purge and development water from the monitoring well located within the existing Mill Springs Park Apartment project in Livermore, California. At that time, you approved discharge of the water to the sanitary sewer. The monitoring well was installed to monitor groundwater quality required by the Alameda County Health Agency, Department of Environmental Health - Hazardous Material Division after completion of the soil removal and other remedial activities performed at the site.

As we discussed, a one year long, quarterly groundwater sampling program will be performed. Our initial sample was obtained on May 1, 1989. A copy of the analytical test results is attached for your reference. Additional quarterly samples will be obtained during the first week of August and November, 1989 and February and May, 1990. A sample schedule is attached for your information. We anticipate that between 15 and 20 gallons of development water will be discharged to the sanitary sewer for each sample interval; total volume to be discharged during the program is estimated to be less than 100 gallons.

Rec'd 7-18-89

If you have any questions, please contact the undersigned.

Very truly,
AQUA RESOURCES INC.



Mark Milani, P.E.
Project Manager

Attachments: Groundwater Sampling Schedule
Certified Lab Reports

cc: Barnett-Range Corporation (2)
Mill Springs Park Apt. Field Office
Attn: Mr. Larry Malcolm

Alameda County Department of Environmental Health (1)
Hazardous Material Division
Attn: Mr. Lowell Miller

Mill Springs Park Apartment Site

Ground Water Sampling Schedule

Sample

Date

Initial/Baseline

May 1, 1989

Quarterly (1st)

August, 1989 - first week

Quarterly (2nd)

November, 1989 - first week

Quarterly (3rd)

February, 1990 - first week

Quarterly (4th/final)

May, 1990 - first week



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710. Phone (415) 486-0900

DATE RECEIVED: 05/02/89
DATE REPORTED: 05/10/89
PAGE 1 OF 3


LAB NUMBER: 17307

CLIENT: AQUA RESOURCES, INC.

REPORT ON: 1 WATER SAMPLE

JOB #: 87157.6
LOCATION: MILL SPRINGS PARK

RESULTS: SEE ATTACHED


Laboratory Director

LABORATORY NUMBER: 17307
 CLIENT: AQUA RESOURCES, INC.
 PROJECT #: 87157.6
 LOCATION: MILL SPRINGS PARK

DATE RECEIVED: 05/02/89
 DATE ANALYZED: 05/08/89
 DATE REPORTED: 05/10/89
 PAGE 2 OF 3

Extractable Petroleum Hydrocarbons in Aqueous Solutions
 EPA 8015 (Modified)
 Extraction Method: EPA 3510

LAB ID	CLIENT ID	GASOLINE (mg/L)	KEROSINE (mg/L)	DIESEL (mg/L)	OTHER (mg/L)
17307-1A	MW-1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)

ND = Not Detected; Limit of detection in parentheses.

QA/QC SUMMARY

RPD, %	5
Spike: % Recovery	89

LABORATORY NUMBER: 17307
 CLIENT: AQUA RESOURCES, INC.
 JOB NUMBER: 87157.6
 JOB LOCATION: MILL SPRINGS PARK

DATE RECEIVED: 05/02/8
 DATE ANALYZED: 05/03/8
 DATE REPORTED: 05/10/8
 PAGE 3 OF 3

Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 8020
 Extraction by EPA 5030 Purge and Trap

LAB ID	CLIENT ID	BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	ETHYL BENZENE (ug/kg)
17307-1B	MW-1	ND(1)	ND(1)	ND(1)	ND(1)

QA/QC SUMMARY

%RPD	5
%RECOVERY	96