



aqua
resources
inc.

FILE

2030 Addison Street, Suite 500 • Berkeley, California 94704 • 415 540-6954
August 5, 1991

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

87157.7
file:correspondence

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

Dear Mr. Adams:

As you may recall, we wrote you on July 14, 1989, confirming your approval to discharge purge and development water from the monitoring well located within the Mill Springs Park Apartment project to the sanitary sewer. The monitoring well was installed to monitor groundwater quality as 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.

We had performed the quarterly groundwater sampling as discussed in that letter, and have resumed sampling, according to the attached schedule. Copies of the analytical test results for the samples taken in March, 1991, and in May, 1991, are also attached. Quarterly samples will be obtained according to the attached schedule. Since the groundwater is lower than it was in 1989-90, we anticipate that between 10 and 15 gallons of development water would be purged at each sampling interval; the total volume that would be discharged to the sanitary sewer during this phase of the program is estimated to be less than 60 gallons.

If you have any questions, please contact the undersigned.

Very truly,
AQUA RESOURCES INC.

Mark Milani

Mark Milani, P.E.
Project Manager

91 AUG - 8 11:17 AM

87157\disk 2\apprvl.ltr

Attachments: Groundwater Sampling Schedule
Certified Lab Reports

cc: Alameda County Department of Environmental Health
Hazardous Material Division
Attn: Mr. Lowell Miller

Wingfield Companies
2 Embarcadero Center, Suite #1540
San Francisco, California 94111
Attn: Mr. Craig Henrich

Mill Springs Park Apartment Site

Ground Water Sampling Schedule
Second Year Monitoring Program

Sample

Date

1991 - Baseline Sample #1

March 7, 1991

1991 - Baseline Sample #2

May 2, 1991

1st Quarter

August, 1991 - first week

2nd Quarter

November, 1991 - first week

3rd Quarter

February, 1992 - first week

4th Quarter

May, 1992 - first week



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

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

DATE RECEIVED: 03/07/91
DATE REPORTED: 03/21/91

AQUA RESOURCES, INC
RECEIVED

MAR 27 1991

JOB NO. 687157.07
FILE lab results

LAB NUMBER: 103174

CLIENT: AQUA RESOURCES

REPORT ON: TWO WATER SAMPLES

PROJECT ID: 87157
LOCATION: LIVERMORE

RESULTS: SEE ATTACHED

QA/QC Approval

Final Approval

LABORATORY NUMBER: 103174
 CLIENT: AQUA RESOURCES
 PROJECT ID: 87157
 LOCATION: LIVERMORE

DATE RECEIVED: 03/07/91
 DATE ANALYZED: 03/14/91
 DATE REPORTED: 03/21/91

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

| LAB ID | CLIENT ID | BENZENE (ug/L) | TOLUENE (ug/L) | ETHYL BENZENE (ug/L) | TOTAL XYLENES (ug/L) | REPORTING LIMIT * (ug/L) |
|----------|-----------|-------------------|-------------------|----------------------------|----------------------------|--------------------------------|
| 103174-1 | MW-1-1 | 2.8 | ND | ND | ND | .5 |
| 103174-2 | MW-1-2 | 2.1 | ND | ND | ND | .5 |

ND = Not detected at or above reporting limit.

* Reporting Limit applies to all analytes.

QA/QC SUMMARY

RECOVERY, %

102



AQUA RESOURCES, INC.
 2030 ADDISON STREET, SUITE 500
 Berkeley, CA. 94704
 (415)540-6954

CHAIN OF CUSTODY RECORD

| | | | | | | | | | | | |
|---|--------|---------------------------|--|--|--|-----------------------------|---------|------------|--|-------------------------|--|
| Project Case 87157 | | Project Name Livermore | | BTX/E | | | REMARKS | | | | |
| SAMPLERS (Signature) P. Rodgers Wojciech Bajek | | | | | | | | | | | |
| [Redacted] | | | | | | | | | | | |
| 1 | MW-1-1 | (water) | | ✓ | | | | | | | |
| 2 | MW-1-2 | (water) | | ✓ | | | | | | | |
| Relinquished by (Signature) | | Date/Time | | Received by (Signature) | | Relinquished by (Signature) | | Date/Time | | Received by (Signature) | |
| Patricia Rodgers | | 3/7/91 4:15 | | | | | | | | | |
| Relinquished by (Signature) | | Date/Time | | Received by (Signature) | | Relinquished by (Signature) | | Date/Time | | Received by (Signature) | |
| | | | | | | | | | | | |
| Relinquished by (Signature) | | Date/Time | | Received for Laboratory by (Signature) | | Date/Time | | Remarks | | | |
| | | | | Mary Hunter | | 3/7/91 4:15pm | | Normal TAT | | | |