

Maintenance Good

# Crosby & Overton

Industrial & Environmental Services

92 SEP 11 1992

September 11, 1992

9423-S

Dave Wells  
City & County of San Francisco  
Department of Public Health  
101 Grove Street Room 207  
San Francisco, California 94102

**RE: Groundwater Monitoring Well Gauging At Sunol Water Department Facility, At 505 Paloma Way, Sunol CA.**

Dear Mr. Wells,

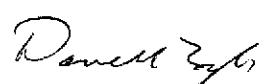
Crosby & Overton, Inc. (C&O) is pleased to submit this letter report concerning the results of groundwater monitoring well gauging for three groundwater monitoring wells (MW-1, MW-2, MW-3) at 505 Paloma Way, Sunol, California (see figure 1).

Please refer to the attached figure 7 and tables 1 and 2 for details on this month's monthly gauging.

From February 7, 1992 to September 4, 1992 depth to groundwater has varied from 218.21 feet to 219.42 feet, and groundwater gradient has varied from 0.0014 to 0.0046 (ft/ft) (see Tables 1 and 2). Groundwater gradient direction has remained in approximately the same southwestern direction throughout this period.

If you should have any further questions or comments, please do not hesitate to call me at (510) 633-0336.

Sincerely,



Darrell Taylor  
Staff Geologist

scott\sunolgau.lr3

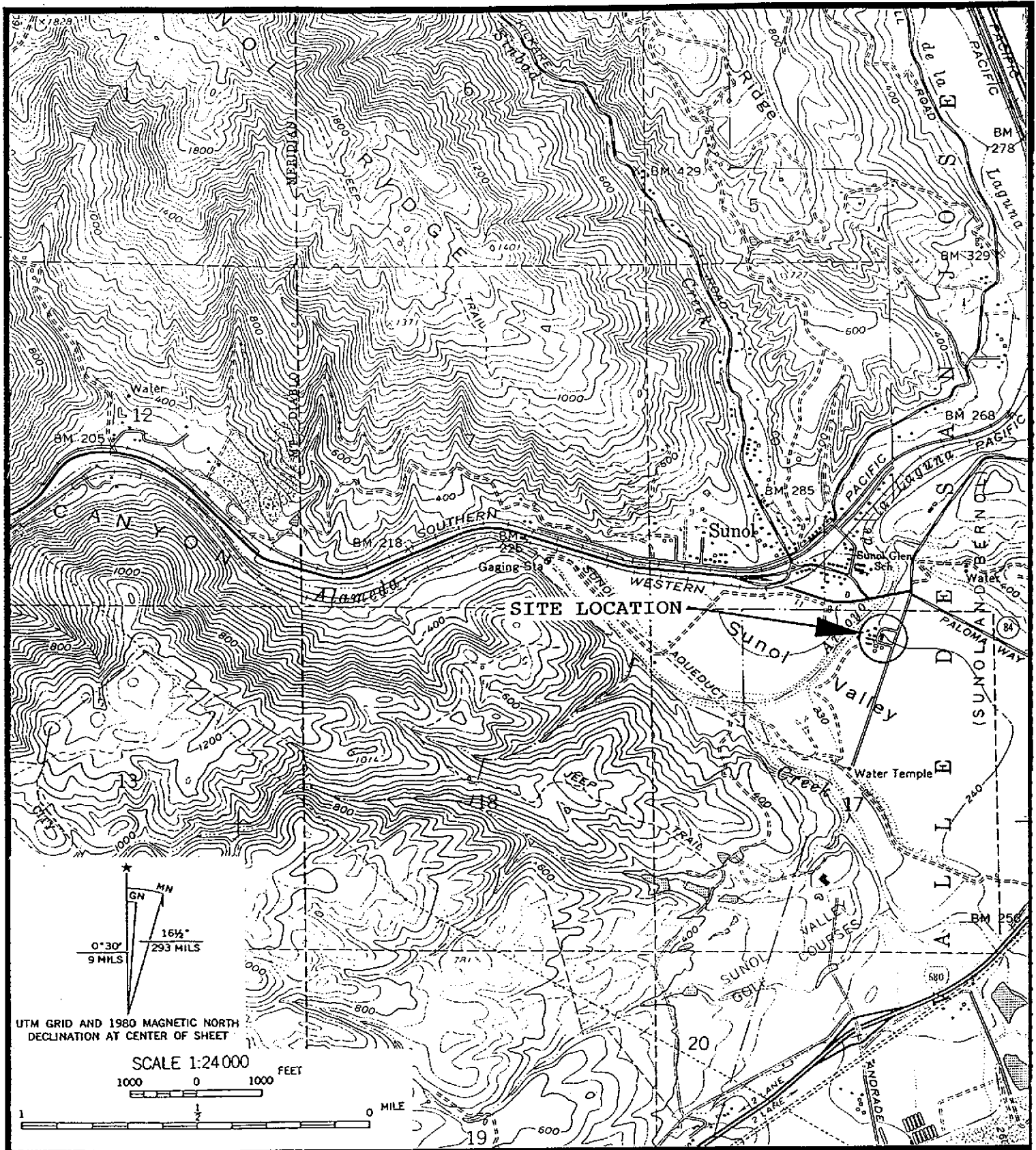
**TABLE 1**  
**GROUNDWATER TABLE ELEVATION GAUGING**

| DATE    | MW-1   | MW-2   | MW-3   |
|---------|--------|--------|--------|
| 8-27-91 | 218.87 | 218.30 | 218.28 |
| 10-3-91 | 218.92 | 219.10 | 219.06 |
| 2-7-92  | 218.21 | 218.30 | 218.28 |
| 2-21-92 | 219.28 | 219.42 | 219.39 |
| 4-1-92  | 218.39 | 218.62 | 218.69 |
| 4-29-92 | 218.61 | 218.70 | 218.68 |
| 5-27-92 | 218.55 | 218.64 | 218.62 |
| 6-25-92 | 218.72 | 218.90 | 218.80 |
| 8-3-92  | 218.46 | 218.55 | 218.53 |
| 9-4-92  | 218.58 | 218.68 | 218.66 |
| TOC     | 238.79 | 239.32 | 238.70 |

TOC=TOP OF CASING ELEVATION CORRECTED TO USGS BENCHMARK DATUM 143  
ALL MEASUREMENTS GIVEN IN FEET AND CORRECTED TO TOC ELEVATION

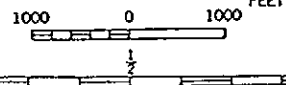
**TABLE 2**  
**GROUNDWATER GRADIENT**

| DATE    | GROUNDWATER GRADIENT | GRADIENT DIRECTION |
|---------|----------------------|--------------------|
| 2-7-92  | 0.0015               | SOUTHWEST          |
| 2-21-92 | 0.0022               | SOUTHWEST          |
| 4-1-92  | 0.0046               | SOUTHWEST          |
| 4-29-92 | 0.0015               | SOUTHWEST          |
| 5-27-92 | 0.0014               | SOUTHWEST          |
| 6-25-92 | 0.0026               | SOUTHWEST          |
| 8-3-92  | 0.0012               | SOUTHWEST          |
| 9-4-92  | 0.0013               | SOUTHWEST          |



UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000



CROSBY & OVERTON, INC.

FIGURE 1  
SITE LOCATION MAP  
AFTER USGS

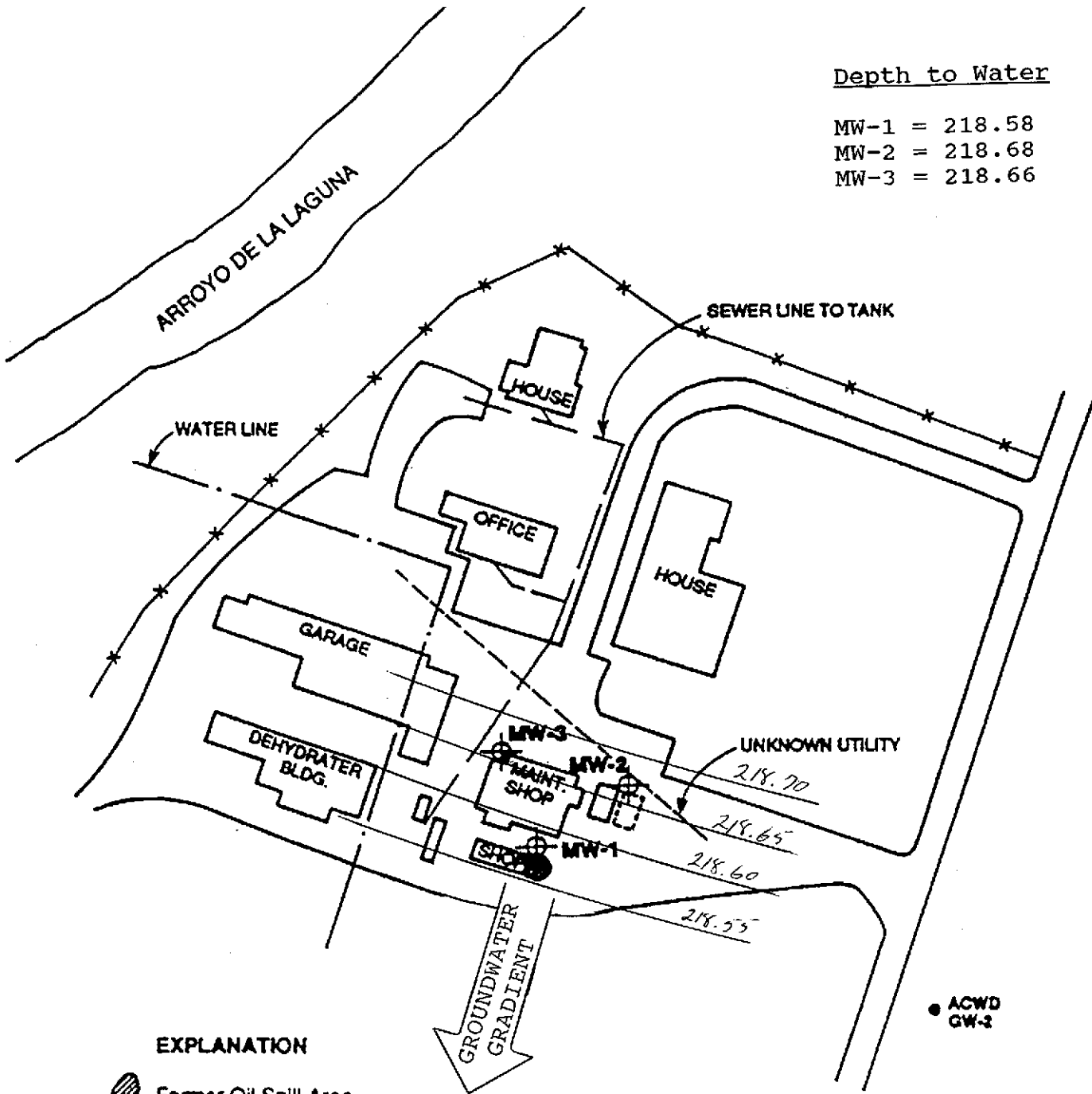
DATE: 3-16-92

JOB NUMBER: 9423-S

DRAWN BY: D. Taylor

Depth to Water

MW-1 = 218.58  
 MW-2 = 218.68  
 MW-3 = 218.66



**EXPLANATION**

- Former Oil Spill Area
- Former UST Location
- Approximate Monitoring Well Location
- Alameda County Water District Well

Gradient = 0.001



CROSBY & OVERTON, INC.

FIGURE 7  
 GROUNDWATER GRADIENT  
 AND POTENTIOMETRIC SURFACE

DATE: 9-4-92

JOB NUMBER: 9423-S

DRAWN BY: after HLA 10/90