



# 5552 / 270

September 20, 2001

SEP 25 2001

Mr. Barney Chan  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, California 94502

RE: 489 43<sup>rd</sup> Street Well Abandonment  
Weiss Job # 138-1231

Dear Mr. Chan:

This letter presents information on the abandonment of one ground water monitoring well at the Bucate Plata Site located at 489 43<sup>rd</sup> Street in Oakland, California (Figure 1). This letter serves as evidence of proper closure of the well as requested in your letter dated July 13, 2001. Presented below is a description of the procedures that were followed during the destruction of monitoring well MWA-1 (Figure 2).

The well was two inches in diameter and extended to a depth of 20.2 feet below grade surface (ft bgs). As per the requirements of the Alameda County Public Works Agency, monitoring well MWA-1 was drilled out on August 31, 2001, and tremie grouted with 98% portland cement and 2% bentonite powder from a depth of 20.2 feet to the surface to ensure an effective seal.

Well destruction activities were conducted under the supervision of Marika Dalton of Weiss Associates under permit #W01-583 from the Alameda County Public Works Agency (Appendix A). A State of California Department of Water Resources Well Completion Report for the well destruction is included in Appendix B.

Please contact me at 510-450-6124, or in my absence, Michael Zimmerman at 510-450-6150, if you have any questions or comments regarding this project.

Sincerely,  
Weiss Associates

Melissa Tumbleson  
Project Manager

- Enclosures Figure 1—Site Location Map
- Figure 2—Site Plan
- Attachment A—Drilling Permit Application
- Attachment B—DWR Well Completion Report

cc Ronn Simpson Bucate Plata

MHJ:mjt

BUCLAR 20010920 09:00 AM

**FIGURE 1**

**SITE LOCATION MAP**

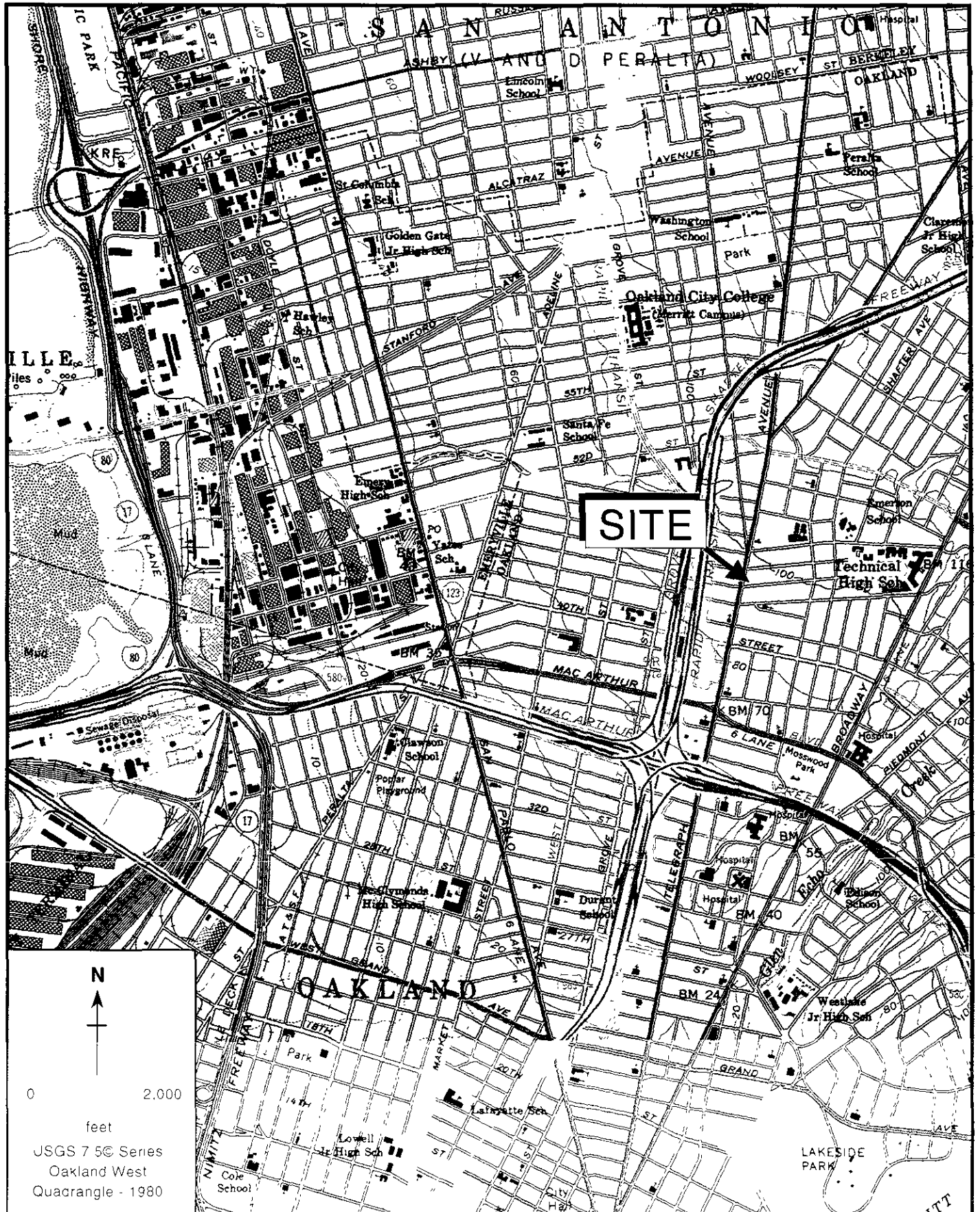


Figure 1 Site Location - 489 43rd Street, Oakland, California

**FIGURE 2**

SITE PLAN

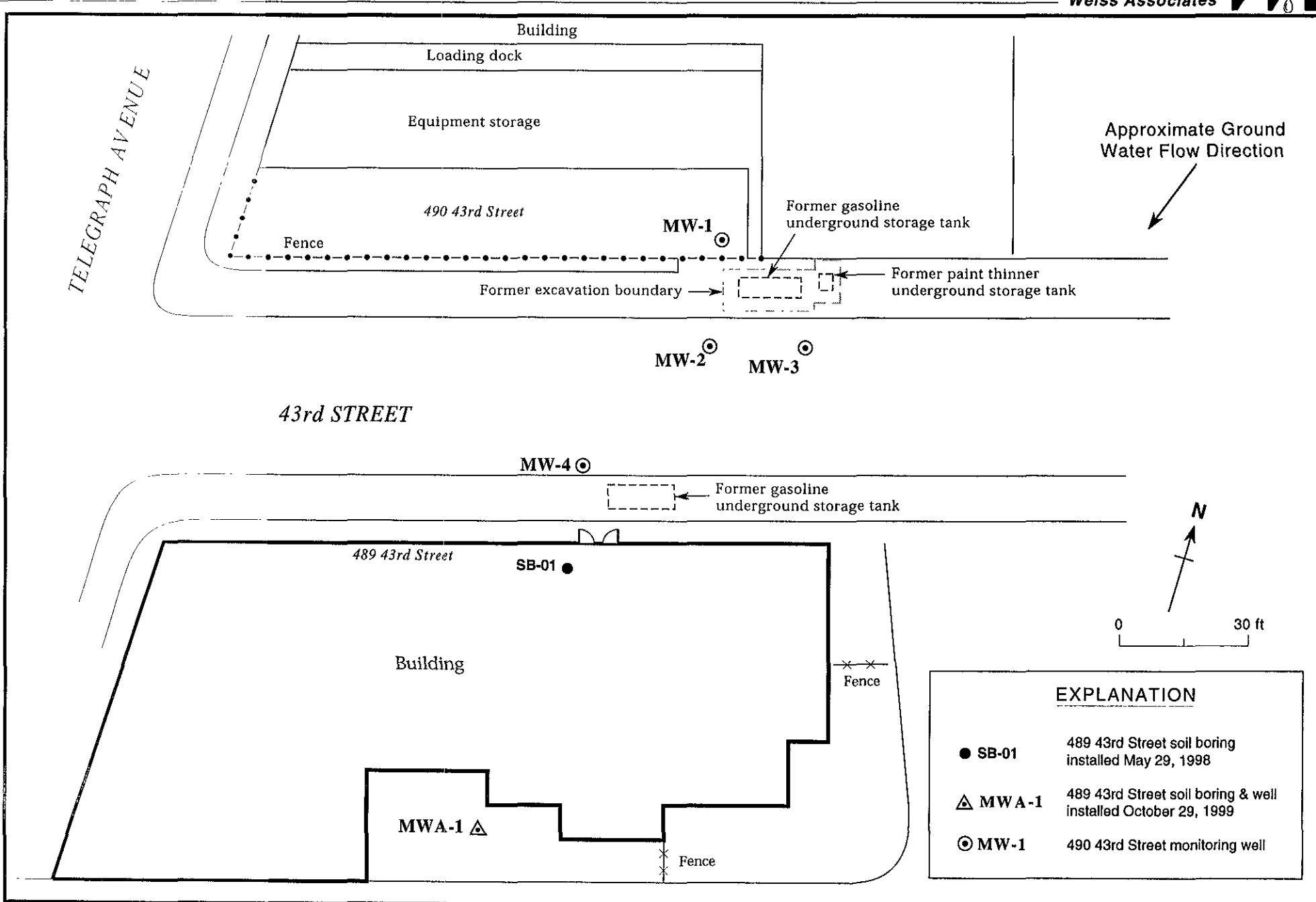
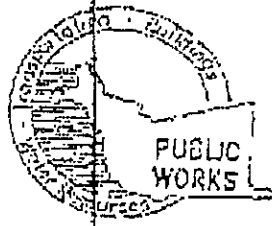


Figure 2 Site Plan - 489 43rd Street, Oakland, California

**ATTACHMENT A**

**DRILLING PERMIT APPLICATION**



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION  
109 ELMHURST ST. HAYWARD CA. 94541-1333  
PHONE (510) 670-5551  
FAX (510) 782-7959

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 429 45th Street  
Oakland, CA

PERMIT NUMBER W01-583  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

CLIENT  
Name Bay Area Simpa  
Address 2000 Bay Street Phone 510-528-9000  
City Oakland, CA Zip 94603

### PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT  
Name Weiss Associates  
McLester Tomblinson Fax 510-547-5415  
Address 2201 E. 14th Ave Phone 510-547-5414  
City Emeryville, CA Zip 94608

- A. GENERAL**
  - 1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
  - 2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
  - 3. Permit is void if project not begun within 90 days of approval date.
- B. WATER SUPPLY WELLS**
  - 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
  - 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a larger depth is specially approved.
- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS**
  - 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
  - 2. Minimum seal depth for monitoring wells is the maximum depth penetrable or 20 feet.
- D. GEOTECHNICAL**
  - Backfill bore hole by tremie with cement grout or cement grout and mixers. Upper two-three feet replaced in kind or with compacted cuttings.
- E. CATHODIC**
  - Fill hole annule zone with concrete placed by tremie.
- F. WELL DESTRUCTION**
  - Send a map of work site. A separate permit is required for wells deeper than 45 feet.
- G. SPECIAL CONDITIONS**

TYPE OF PROJECT  
Well Construction  Geotechnical Investigation   
Cathodic Protection  General   
Water Supply  Contaminated   
Monitoring  Well Destruction

PROPOSED WATER SUPPLY WELL USE  
New Domestic  Replacement Domestic   
Municipal  Irrigation   
Industrial  Other

DRILLING METHOD:  
Mud Rotary  Air Rotary  Auger   
Cable  Other

DRAWER'S NAME Gregg Dalling  
DRAWER'S LICENSE NO. C57 107979

WELL PROJECTS  
Drill Hole Diameter \_\_\_\_\_ in. Maximum Depth 21 ft.  
Casing Diameter \_\_\_\_\_ in. Owner's Well Number AWA-1  
Surface Seal Depth \_\_\_\_\_ ft.

GEOTECHNICAL PROJECTS  
Number of Borings \_\_\_\_\_ Maximum Depth \_\_\_\_\_ ft.  
Bore Diameter \_\_\_\_\_ in.

ANTICIPATED STARTING DATE 8/3/01  
ANTICIPATED COMPLETION DATE 8/3/01

I hereby certify that the information on this permit and Alameda County Ordinance No. 77 of

AGENCY SIGNATURE M. Tomblinson DATE 7/24/01

APPLICANT NAME McLester Tomblinson Fax 510-547-5400

APPROVED \_\_\_\_\_ DATE 9-25-01

**APPENDIX B**

DWR WELL COMPLETION REPORT



**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

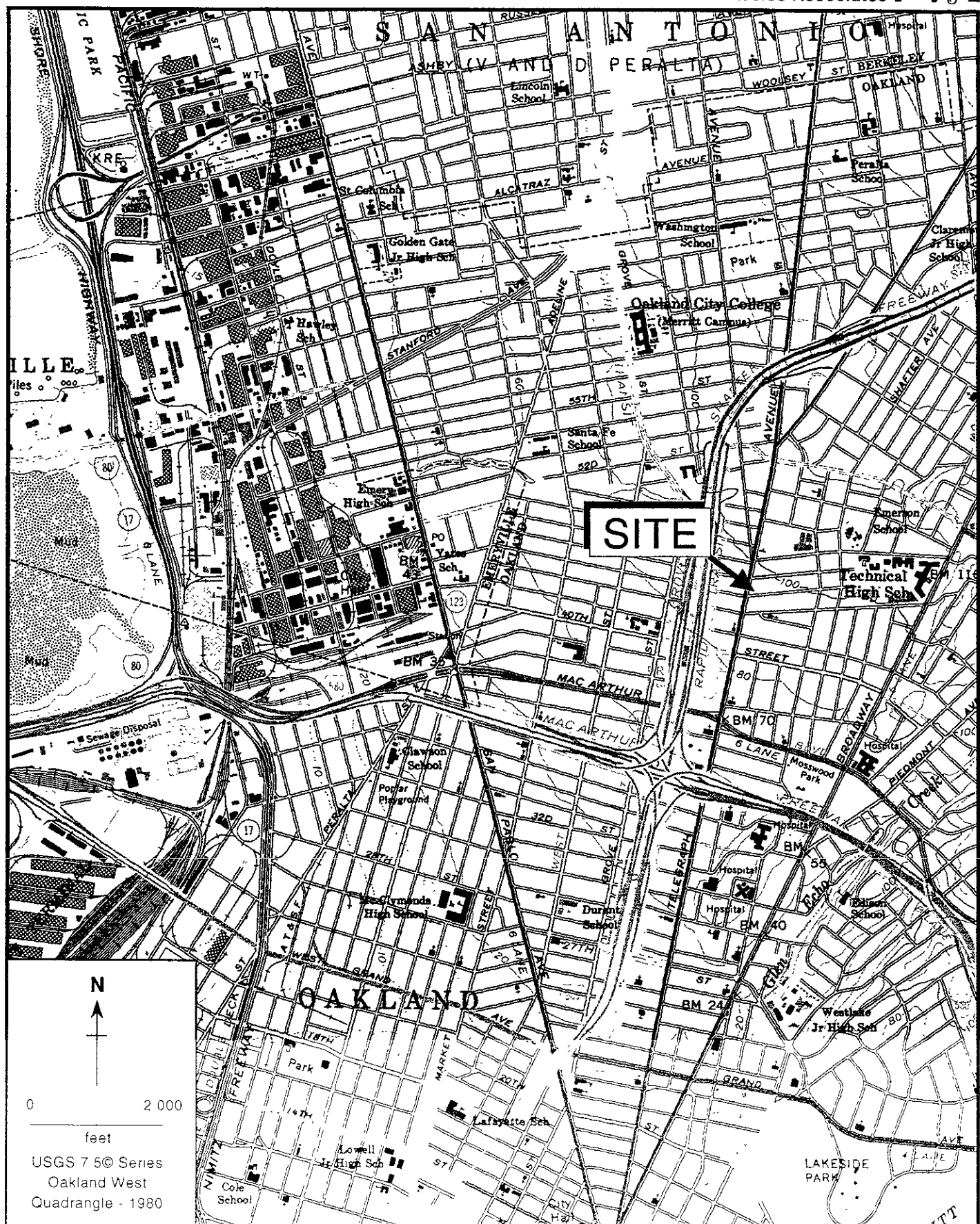


Figure 1 Site Location, 489 43rd Street, Oakland, California

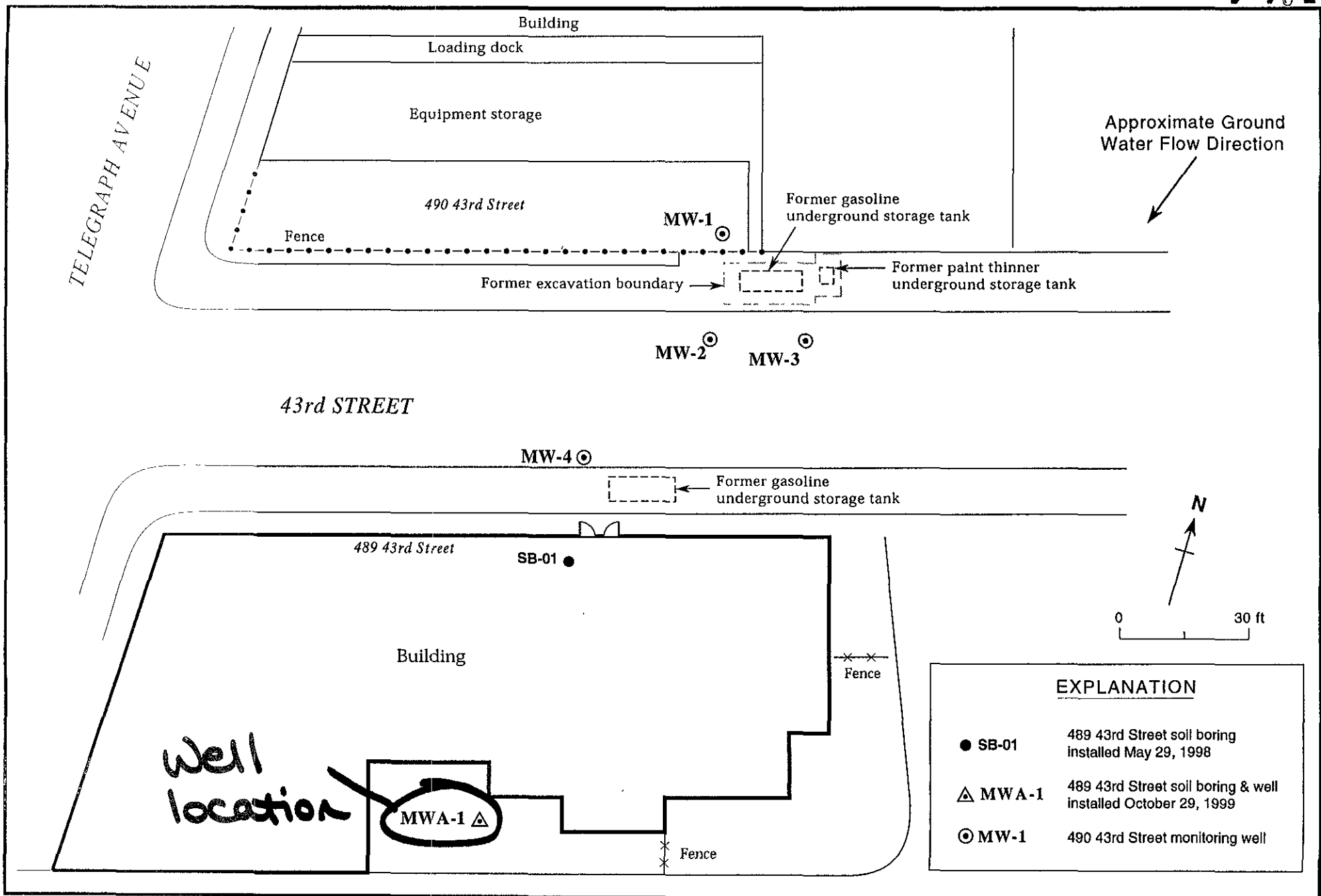


Figure 2 Site Plan - 489 43rd Street, Oakland, California