



October 23, 1992

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, CA 94621

**Subject: Third Quarterly Report - 1992
Groundwater Monitoring
Dreyer's Grand Ice Cream
5929 College Avenue
Oakland, California
(Project No. 919313)**

1287
919313-10-23-92

Aqua Terra Technologies
Consulting Engineers
& Scientists

2950 Buskirk Avenue
Suite 120
Walnut Creek, CA
94596-2079
FAX 934-0418
510 934-4884

Dear Ms. Eberle:

Aqua Terra Technologies, Inc. (ATT) is pleased to present the results for groundwater monitoring activities during the Third Quarter, 1992 (June 1 through August 31, 1992) for the subject site. **Monitoring activities during the third quarter were limited to monthly recording of groundwater level measurements, the resulting data is presented below.**

Groundwater Level Measurements

Groundwater level measurements were recorded on July 15, August 31, and September 14, 1992. Groundwater contours and flow direction are shown on the plates in Attachment A. Historic groundwater elevations are summarized in Table 1 (Attachment B).

During the third quarter, 1992, groundwater table elevations ranged from approximately 175.48 feet above mean sea level (MSL) to 172.84 feet above MSL. Groundwater flow direction ranged to the south - southeast and southwest. Groundwater gradients ranged from 0.008 feet per foot (ft/ft) to 0.010 ft/ft.

Planned Activities

ATT has received a copy of the October 2, 1992 Alameda County Health Care Services Agency (ACHCSA) letter to Mr. William Collett of Dreyer's Grand Ice Cream, Inc.. **Proposed field activities, in accordance with ATT's June 18, 1992 Workplan, will be implemented during November, 1992.**

end of month

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
October 23, 1992
Page 2

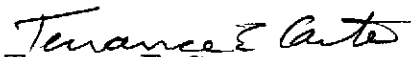
Please call if you have any questions regarding this letter.

Sincerely,

AQUA TERRA TECHNOLOGIES, INC.



Benjamin Berman
Technical Services Manager
Project Scientist



Terrance E. Carter
Senior Environmental Engineer
Project Manager

BB/TEC/:pd

Attachments

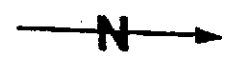
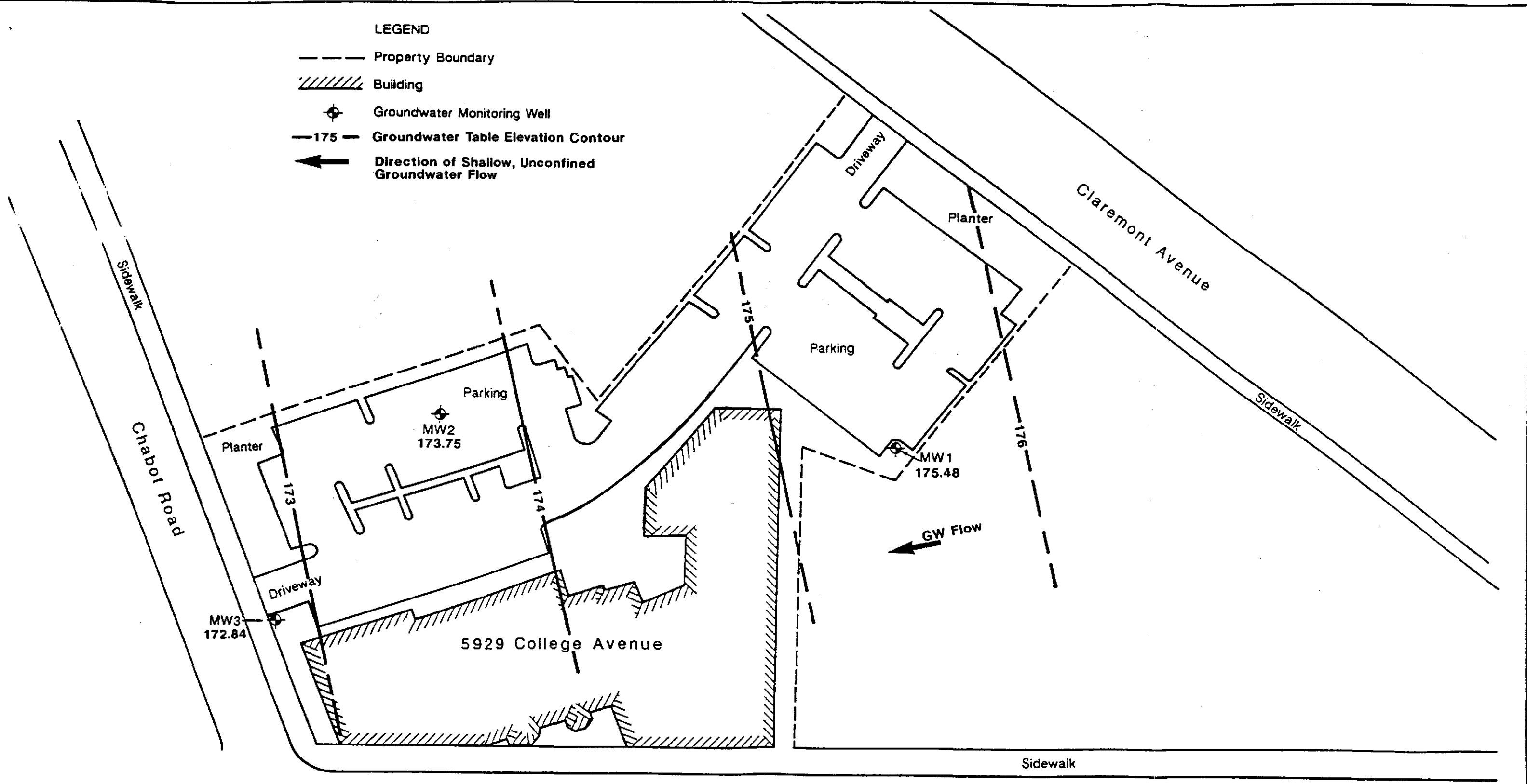
cc: William C. Collett, Dreyer's Grand Ice Cream

ATTACHMENT A

Plates

LEGEND

- Property Boundary
- ▨ Building
- ⊕ Groundwater Monitoring Well
- 175- Groundwater Table Elevation Contour
- ← Direction of Shallow, Unconfined Groundwater Flow



0 50 feet
SCALE

College Avenue

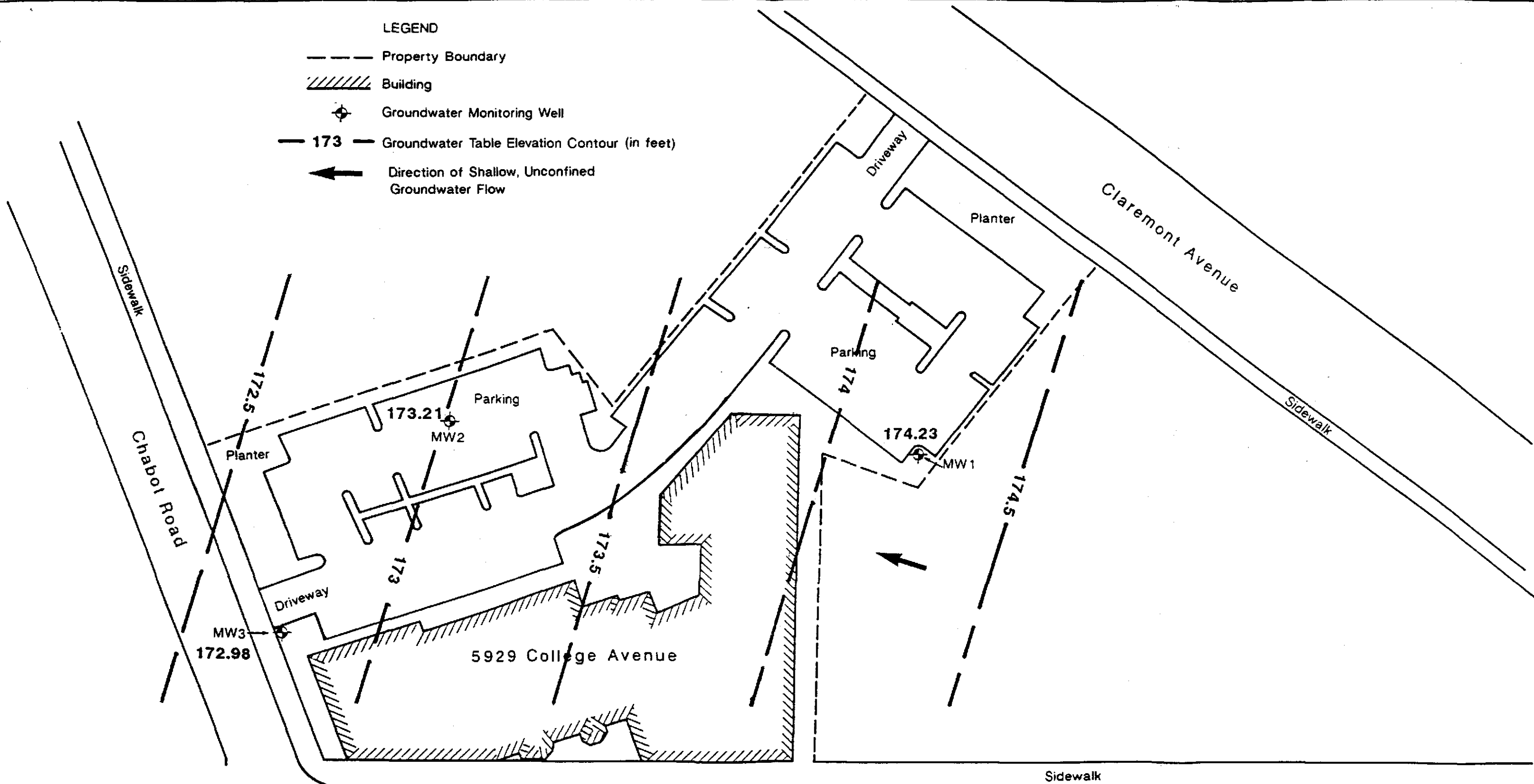
Groundwater Elevations and Contours
7/15/92

ATT Aqua Terra Technologies
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& Scientists

Dreyer's Grand Ice Cream, Inc.		PLATE 3
JOB NUMBER 919313	DATE 9/92	

LEGEND

- Property Boundary
- ▨ Building
- ⊕ Groundwater Monitoring Well
- 173 — Groundwater Table Elevation Contour (in feet)
- ← Direction of Shallow, Unconfined Groundwater Flow



Groundwater Elevations and Contours		PLATE 5
8/31/92		
Dreyer's Grand Ice Cream, Inc.		
JOB NUMBER 919313	DATE 9/92	

ATT Aqua Terra Technologies
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College Avenue

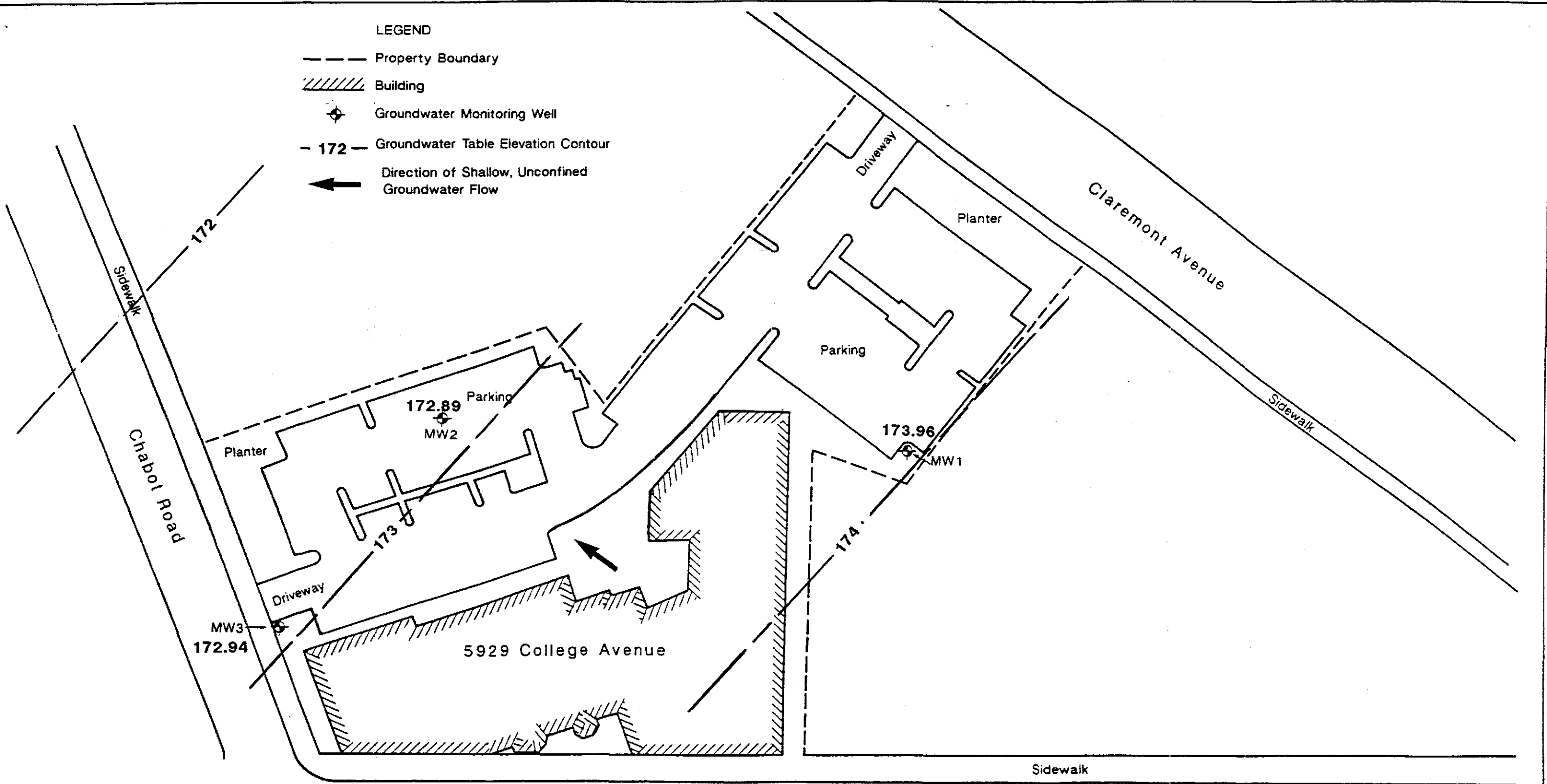
5929 College Avenue

Claremont Avenue

Chabot Road

LEGEND

- Property Boundary
- ▨ Building
- ⊕ Groundwater Monitoring Well
- 172 - Groundwater Table Elevation Contour
- ← Direction of Shallow, Unconfined Groundwater Flow



College Avenue

new map

Groundwater Elevations and Contours		PLATE 6
9/14/92		
Dreyer's Grand Ice Cream, Inc.		919313
JOB NUMBER	DATE	
919313	10/92	

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ATTACHMENT B

Table

Table 1. Groundwater Elevation Summary
 Dreyer's Grand Ice Cream
 5929 College Avenue
 Oakland, California

Well No.	TOC Elevation ^a (feet)	Date	Groundwater Depth ^b (feet)	Groundwater Elevation ^c (feet)
MW1	189.14	4/24/92	11.93	177.21
		5/04/92	12.15	176.99
		6/17/92	13.17	175.97
		7/15/92	13.66	175.48
		8/31/92	14.91	174.23
		9/14/92	15.18	173.96
MW2	185.23	4/24/92	10.00	175.23
		5/04/92	10.29	174.94
		6/17/92	10.86	174.37
		7/15/92	11.48	173.75
		8/31/92	12.02	173.21
		9/14/92	12.34	172.89
MW3	184.68	4/24/92	11.00	173.68
		5/04/92	11.09	173.59
		6/17/92	11.51	173.17
		7/15/92	11.84	172.84
		8/31/92	11.70	172.98
		9/14/92	11.74	172.94

- a. TOC: top of well casing elevation measured relative to an arbitrary bench mark which was measured to mean sea level (MSL) by interpolation from the Oakland West, California, 7.5' Quadrangle Topographic Map (T.1S, R.3W).
- b. Depth to groundwater measured from the TOC.
- c. Groundwater elevation is equal to the difference between the TOC elevation and groundwater depth.