



INTERNATIONAL
TECHNOLOGY
CORPORATION

October 28, 1992

Mr. Wyman Hong
Alameda County Flood Control and Water
Conservation District
5997 Parkside Drive
Pleasanton, CA 94588

Well Construction Report - Permit 92427

Dear Mr. Hong:

This letter serves to transmit a Well Construction Report for work conducted between September 21 and 24, 1992. The work occurred at 1944 Marina Boulevard, San Leandro, California. The well construction report includes a copy of the permit that the work was conducted under (Attachment I) well location sketch (Attachment II), and drilling and completion logs (Attachment III).

Transmittal of this Well Construction Report fulfills all requirements associated with permit 92427. Thank you for the assistance you have provided in this project.

Best Regards,

William Schaal

William Schaal
Project Manager

cc: Mr. Alex Aguirre - Ingersoll-Rand Corporation
IT Central Files

Regional Office

4585 Pacheco Boulevard • Martinez, California 94553 • 510-372-9100

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ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588 (510) 484-2600

RECEIVED

8 September 1992

Martinez Engineering

IT Corporation
4585 Pacheco Boulevard
Martinez, CA 94553

Gentlemen:

Enclosed is drilling permit 92427 for a monitoring well construction project at 1944 Marina Boulevard in San Leandro for Ingersoll-Rand Corporation.

Please note that permit condition A-2 requires that a well construction report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, and permit number.

If you have any questions, please contact Wyman Hong or me at 484-2600.

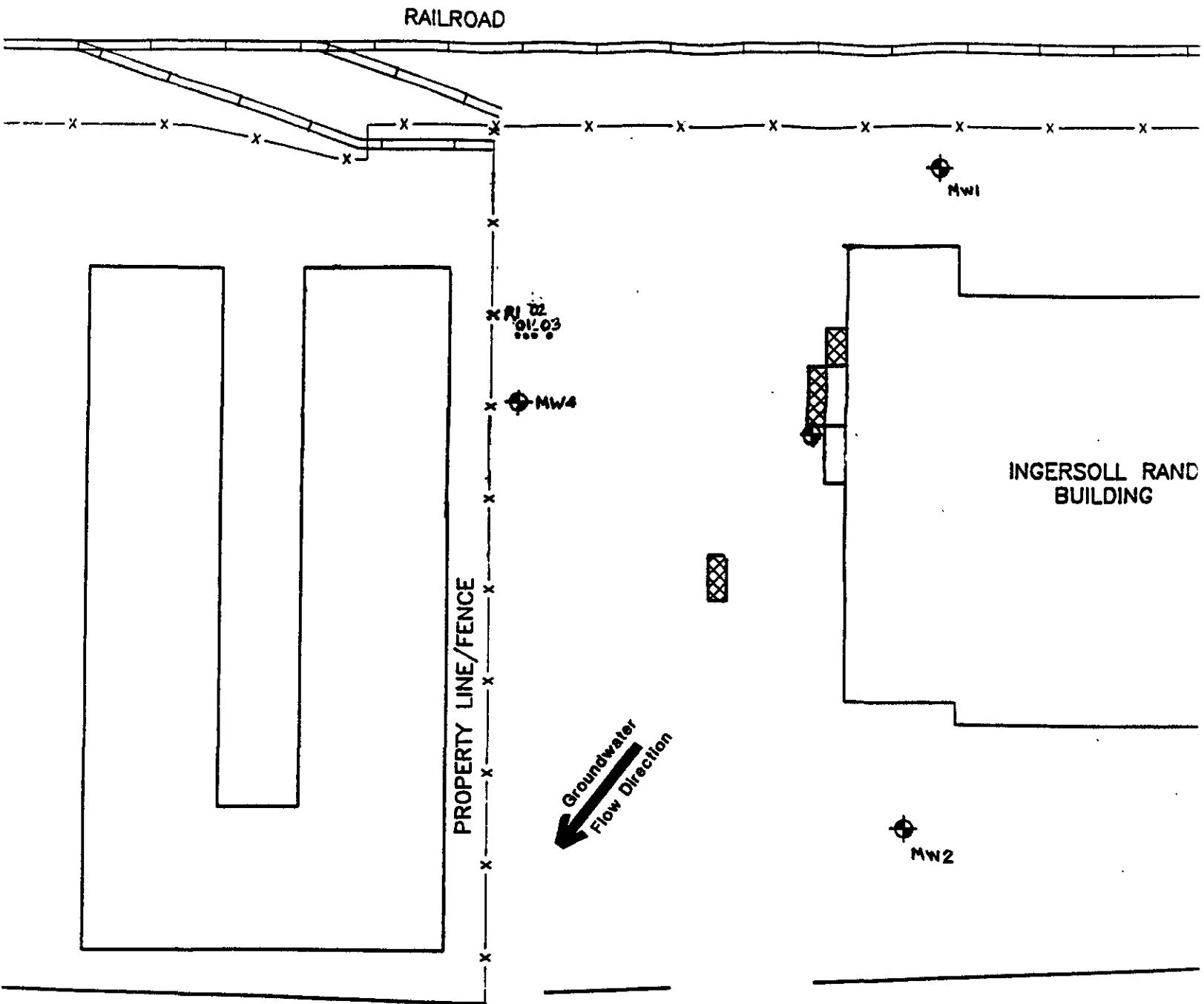
Very truly yours,

Craig A. Mayfield
Water Resources Engineer III

CM:mm
Enc.

ATTACHMENT II



Well Location Diagram
 Well Construction Project
 1944 Marina Boulevard
 San Leandro, California



MARINA BLVD

SUMMARY
 Sept 21 WELLS

- R1 8 in. diam recovery well
- O1-03 2 in. diam observation wells

-  MONITORING WELL (EXISTING)
-  REMOVED UNDERGROUND TANK

ATTACHMENT III



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER 191143	PROJECT NAME Ingersoll Road Remedial Program
BORING NUMBER RW-1	COORDINATES N/A
ELEVATION 30 ftmsl	GWL. Depth 21 ft Date/Time 9/22/92
ENGINEER/GEOLOGIST Gepe/Dolan	DATE STARTED: 9/20/92
DRILLING METHODS HSA	DATE COMPLETED: 9/22/92
TOC 31.5 ftmsl	PAGE 1 OF 1

DEPTH (ft)	SAMPLE TYPE & NO	BLOWS ON SAMPLER PER	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
0				2 inches asphalt				-8" PVC Recovery Well -PVC stick up with locking stove pipe
1				Rec, SAND and gravel				Partial cement grout
2				Olive green, medium SAND with some fine gravel.				
3								
4								
5								
6				Dark brown CLAY				
7								
8								
9								
10								
11								
12								
13								
14								
15				SAND and little gravel.				
16								
17								Bentonite Seal
18								
19								
20								
21				Blue CLAY				Sand Pack
22				(aquitard)				#3 Monterey
23								PVC Slot 0.0102
24								
25								

NOTES
Well depth **49.5 ft**



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER 191143	PROJECT NAME Ingersoll - Ranch Remedial Program
BORING NUMBER OB-3	COORDINATES N/A
ELEVATION 30 ft msl	GWL. Depth 21 ft Date/Time 9/23/92
ENGINEER/GEOLOGIST Gage/Dolan	DATE STARTED: 9/23/92
DRILLING METHODS HSA	DATE COMPLETED: 9/23/92
TOC 30 ft msl	PAGE 1 OF 1

DEPTH	SAMPLE TYPE & NO	BLOWS ON SAMPLER PER	RECOVERY	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
								2" PVC Observation Well
0				Asphalt top 3 inches.				Locking Box
1				SAND, GRAVEL and some clay.				0
2								1
3								2
4								3
5				Fine SAND.				Portland Cement Grout
6				CLAY and SAND and GRAVEL.				4
7								5
8								6
9								7
10				CLAY				8
11								9
12								10
13								11
14								Bentonite Seal
15								12
16								13
17								#3 Monterey Sand Pack
18								PVC Slot 00010
19								14
20								15
21								16
22								17
23								18
24								19
25								20
26								21
27								22
28								23
29								24
30								25

NOTES
Well depth 49.5 ft.