



JUN 15 2001

June 7, 2001
99-ENV187F

Mr. Chris Kirschenheuter
Blue Water Services, Inc.
727 77th Avenue
Oakland, California 94621

Subject: Ammended Quarterly Ground Water Sampling and Analysis Report
2075 Williams Street
San Leandro, California 94577

Dear Mr. Kirschenheuter:

The attached ammendments describes the ground water elevations and contours as part of the Quarterly Ground Water Sampling and Analysis at the site located at 2075 Williams Street, San Leandro, California.

One of the four copies is for your file. The other three copies should be forwarded to Roger Brewer (Regional Water Quality Control Board), Eva Chu (Alameda County Environmental Health) and Michael Bakaldin (City of San Leandro). Their addresses can be found on the site contacts page in the report.

Should you have any questions regarding this report, please contact the undersigned.

Sincerely,

Basics Environmental

A handwritten signature in black ink, appearing to read "D. Tom", written over a light blue horizontal line.

Donavan G. Tom, M.B.A., R.E.A.
Principal Consultant

GW.LTR

SITE CONTACTS

Site Name: Former Freight Terminals Facility

Site Address: 2075 Williams Street
San Leandro, California 94577

Owner: Chris Kirschenheuter
Bluewater Services Inc.
727 77th Avenue
Oakland, California 94621
(800) 536-6702

Owner's Consultant: Basics Environmental
116 Glorietta Boulevard
Orinda, California 94563
(925) 258-9099

Project Manager: Donovan G. Tom

Former Owner: Michael D. Kevitch
Watkins Motor Lines, Inc.
1144 W. Griffin Road
Lakeland, Florida 33804-5002

Former Owner's Consultant: Atlantic Geosciences, Inc.
1300 S. Rossiter Terrace
Watkinsville, Georgia 30677
(706) 310-0319

Regulatory Oversight: Roger Brewer
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612
(510) 622-2374

Eva Chu
Alameda County
Environmental Health Department
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502
(510) 567-6770

Michael Bakaldin
City of San Leandro
San Leandro Environmental Services
835 East 14th Street, Suite 200
San Leandro, California 94577
(510) 577-3319 ext. 31

PROFESSIONAL CERTIFICATION

REPORT
QUARTERLY GROUND WATER
SAMPLING AND ANALYSIS
BLUEWATER SERVICES, INC.
2075 WILLIAMS STREET
SAN LEANDRO, CALIFORNIA
99-ENV187F
JUNE 7, 2001

This report has been prepared by the staff of Basics Environmental (Basics) under the professional supervision of the Principal Consultant whose seal and signature appears hereon. The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional engineering and geologic practice and within the requirements by the Client. There is no other warranty, either expressed or implied.

The data and findings of this report are based on the data and information obtained from the agreed upon scope of work between Basics and the Client. Because contamination is not necessarily evenly distributed across the property's soils and ground water, it can easily remain undetected. Additional scope of services (at greater cost) may or may not disclose information which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions which may be made by the Client or others regarding the subject site.

This report was prepared solely for the benefit of Basic's Client. Basics consents to the release of this report to third parties involved in the evaluation of the property for which the report was prepared, including without limitation, lenders, title companies, public institutions, attorneys, and other consultants. However, any use of or reliance upon this report shall be solely at the risk of such party and without legal recourse against Basics, or its subcontractors, affiliates, or their respective employees, officers, or directors, regardless of whether the action in which recovery of damage is sought is based upon contract, tort (including the sole, concurrent or other negligence and strict liability of Basics), statute or otherwise. This report shall not be used or relied upon by a party that does not agree to be bound by the above statements.



Donovan G. Tom, M.B.A., R.E.A. II #20039
Principal Consultant



Geoffery A. Fiedler, R.G. #6340
Associate Geologist

3.0 CHEMICAL ANALYSES AND RESULTS

3.1 Chemical Analyses

The ground water sample taken from the monitoring well was analyzed for the following:

- Volatile Halocarbons (California EPA Method 8010).

3.2 Analytical Results

Results of chemical analyses on ground water sample collected on March 27, 2001 are presented in **boldface** type in Table 1, along with previous results. Certified laboratory reports are presented in Appendix B, including chain-of-custody record data.

TABLE 1 GROUNDWATER MONITORING DATA
2075 WILLIAMS STREET, SAN LEANDRO, CALIFORNIA, 2001

Well No.	Screen (ft)	Date	Casing Depth to Groundwater			Concentration ($\mu\text{g/L}$)	
			Elevation (ft msl)	Water (ft)	Elevation (ft msl)	Tetrachloroethene (PCE)	Trichloroethene (TCE)
B-1	-	Feb-97	NM	12.19	-	ND	ND
B-2	-	Feb-97	NM	12.16	-	ND	ND
MW-3	15-30	Feb-97	NM	15.08	-	5,400	58
		Nov-98	NM	-	-	2,000	110
		May-00	NM	-	-	1,000	160
		Sep-00	NM	25	-	ND	ND
		Jan-01	NM	16.36	-	880	120
		Mar-01	26.17	15.55	10.62	990	90
MW-3A	2-60	Sep-00	NM	60	-	15	ND
		Jan-01	NM	15.98	-	ND	ND
		Mar-01	25.77	15.08	10.69	ND	ND
MW-4	13-28	Feb-97	NM	12.69	-	1,900	130
		Nov-98	NM	-	-	510	180
		Jan-01	NM	-	-	NS	NS
		Mar-01	NM	-	-	NS	NS
MW-6	13-27	Feb-97	NM	11.86	-	65	10
		Nov-98	NM	-	-	53	13
		May-00	NM	-	-	44	18
		Sep-00	NM	25	-	38	19
		Jan-01	NM	13.53	-	35	20
		Mar-01	22.05	12.33	9.72	550	17
B-10		Nov-98	NM	33	-	4,600	120
MW-10	10-25	May-00	NM	-	-	7,300	590
		Sep-00	NM	25	-	11,000	ND
		Jan-01	NM	15.29	-	4,100	520
		Mar-01	23.86	14.52	9.17	8,900	610
B-10A		Nov-98	NM	50	-	150	ND
MW-10A	2-42	Sep-00	NM	40	-	390	ND
		Jan-01	NM	15.47	-	830	110
		Mar-01	23.86	14.69	9.17	3,500	210
B-11	-	Nov-98	NM	33	-	200	49
B-12	-	Nov-98	NM	16	-	ND	90

TABLE 1 (CONT.) GROUNDWATER MONITORING DATA
2075 WILLIAMS STREET, SAN LEANDRO, CALIFORNIA, 2001

Well No.	Screen (ft)	Date	Casing Depth to Groundwater			Concentration ($\mu\text{g/L}$)	
			Elevation (ft msl)	Water (ft)	Elevation (ft msl)	Tetrachloroethene (PCE)	Trichloroethene (TCE)
B-13	-	Nov-98	NM	14.7	-	240	ND
MW-14	10-25	May-00	NM	16	-	36	75
		Sep-00	NM	50	-	71	118
		Jan-01	NM	15.61	-	48	74
		Mar-01	24.80	14.81	9.99	32	55
SB-15	?-60	Feb-97	NM	16	-	1,000	160
MW-15		Sep-00	NM	60	-	130	9.4
		Jan-01	NM	16.47	-	310	38
		Mar-01	25.65	15.59	10.06	200	16
MW-15A	?-36	Sep-00	NM	40	-	1,000	160
		Jan-01	NM	16.69	-	410	69
		Mar-01	25.62	15.82	9.80	620	89
MW-16	10-25	May-00	NM	16	-	10	ND
		Sep-00	NM	25	-	90	ND
		Jan-01	NM	13.91	-	38	ND
		Mar-01	22.80	13.08	9.72	48	ND
MW-16A	?-38	Sep-00	NM	40	-	100	ND
		Jan-01	NM	13.82	-	3,600	160
		Mar-01	22.80	13.07	9.73	240	14
Trip		Feb-97				<0.5	<0.5
Blank		Nov-98				<0.5	<0.5

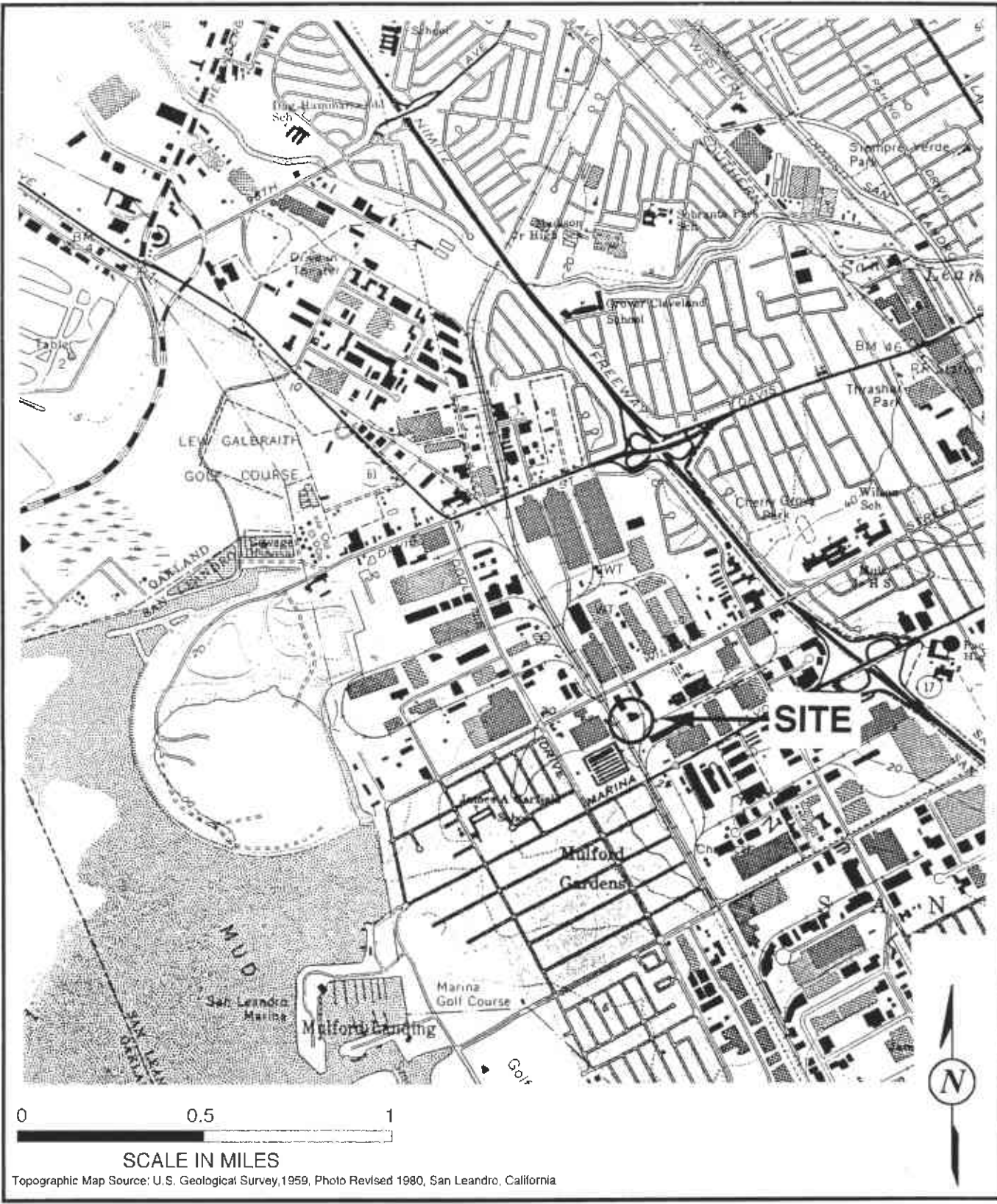
B-# Grab water samples from boring.
 MW-# Ground water sample from monitoring well.
 ND Analyte NOT DETECTED at or above the reporting limit (<0.5)
 NS Not sampled.
 NM Not measured.
 -- Not analyzed.
 $\mu\text{g/L}$ Micrograms per liter.
 ft msl Feet relative to mean sea level.

DATE 4/2/01

REVIEWED BY

DGT

PREPARED BY



Site Location



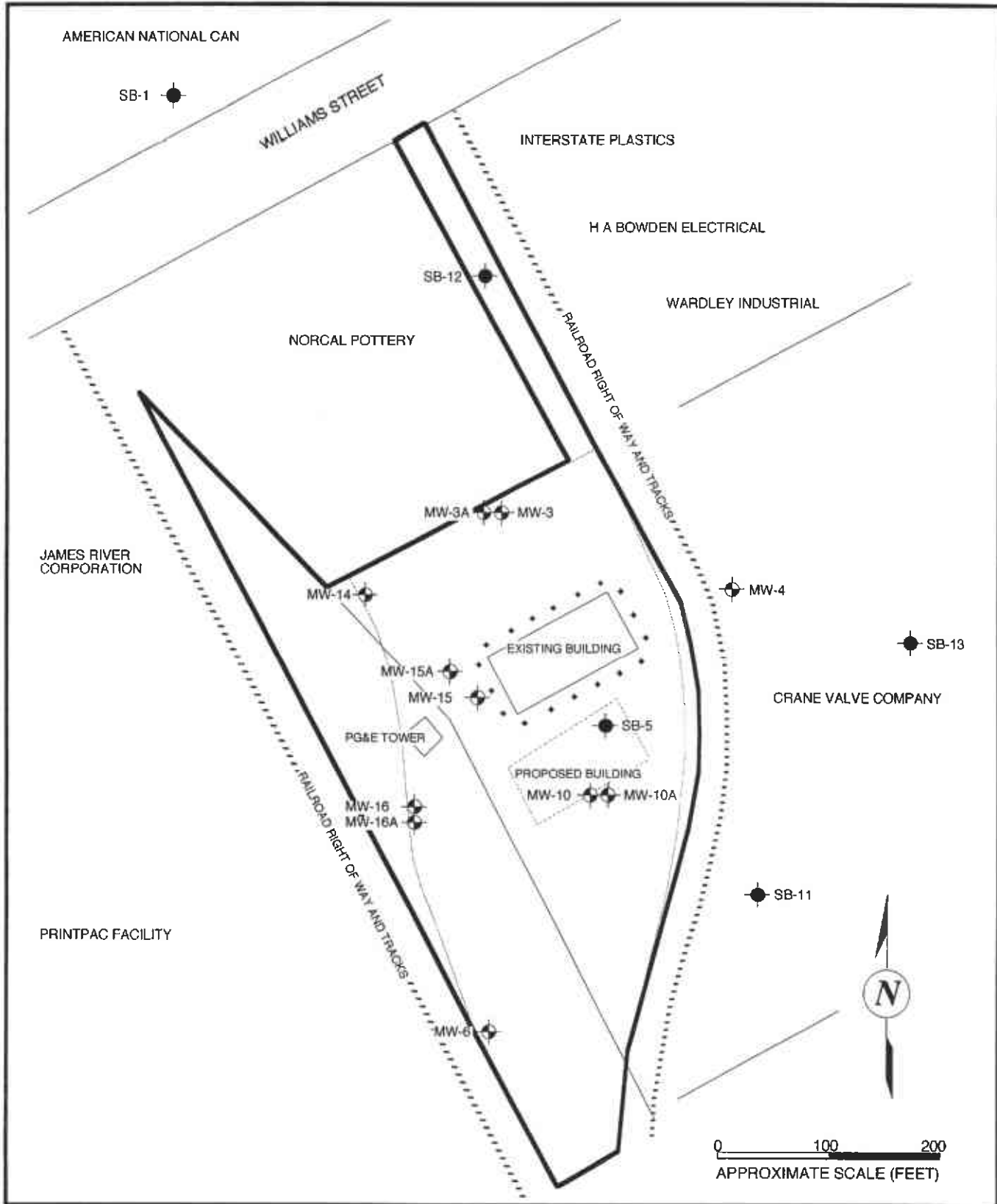
Quarterly Ground Water Sampling and Analysis
 2075 Williams Street
 San Leandro, California

PROJECT NO.
 99-ENV187F

DRAWING NO.
 1

TELCK (52822)

DATE 5/1/01
REVIEWED BY
PREPARED BY DGT



Ground Water Monitoring Well Locations



Quarterly Ground Water Sampling and Analysis
2075 Williams Street
San Leandro, California

PROJECT NO.
99-ENV187F

DRAWING NO.
2

TBCK (10/01/02)

AMERICAN NATIONAL CAN

SB-1

WILLIAMS STREET

INTERSTATE PLASTICS

H A BOWDEN ELECTRICAL

SB-12

WARDLEY INDUSTRIAL

NORCAL POTTERY

RAILROAD RIGHT OF WAY AND TRACKS

MW-3A (10.89) MW-3 (10.82)

JAMES RIVER CORPORATION

MW-14 (9.99)

MW-4

SB-13

CRANE VALVE COMPANY

MW-15A (9.80)

EXISTING BUILDING

MW-15 (10.06)

PG&E TOWER

PROPOSED BUILDING

MW-16 (9.72)

MW-16A (9.73)

MW-10 (9.17) MW-10A (9.17)

SB-5

PRINTPAC FACILITY

RAILROAD RIGHT OF WAY AND TRACKS

SB-11



0 100 200
APPROXIMATE SCALE (FEET)

Ground Water Elevations (msl) (3/27/01)



Quarterly Ground Water Sampling and Analysis
2075 Williams Street
San Leandro, California

PROJECT NO.
99-ENV187F

DRAWING NO.
3

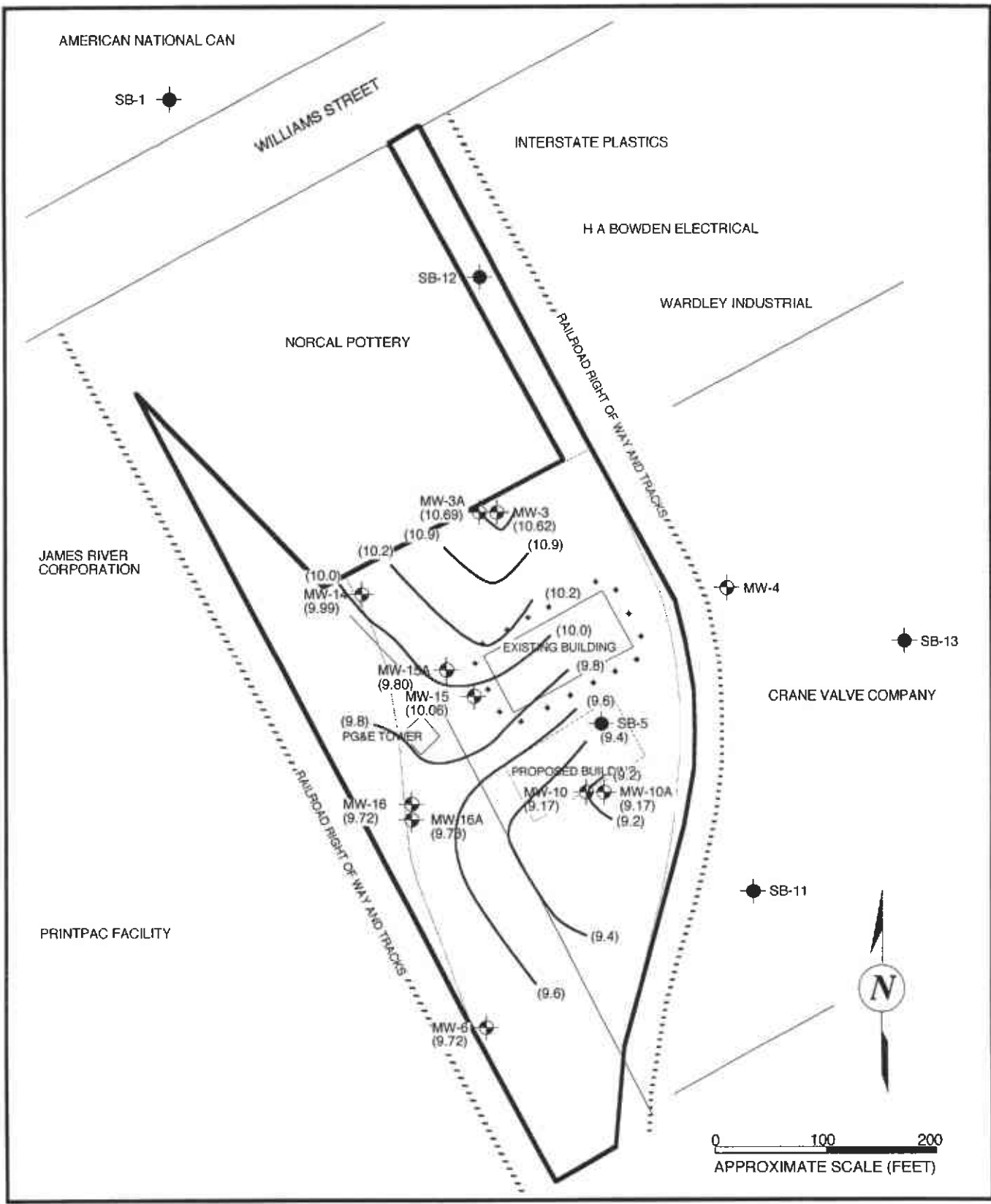
DATE 5/1/01

REVIEWED BY

PREPARED BY DGT

TBLCH (S/R/S/M)

DATE 5/1/01
REVIEWED BY
DGT
PREPARED BY



Ground Water Contour Map



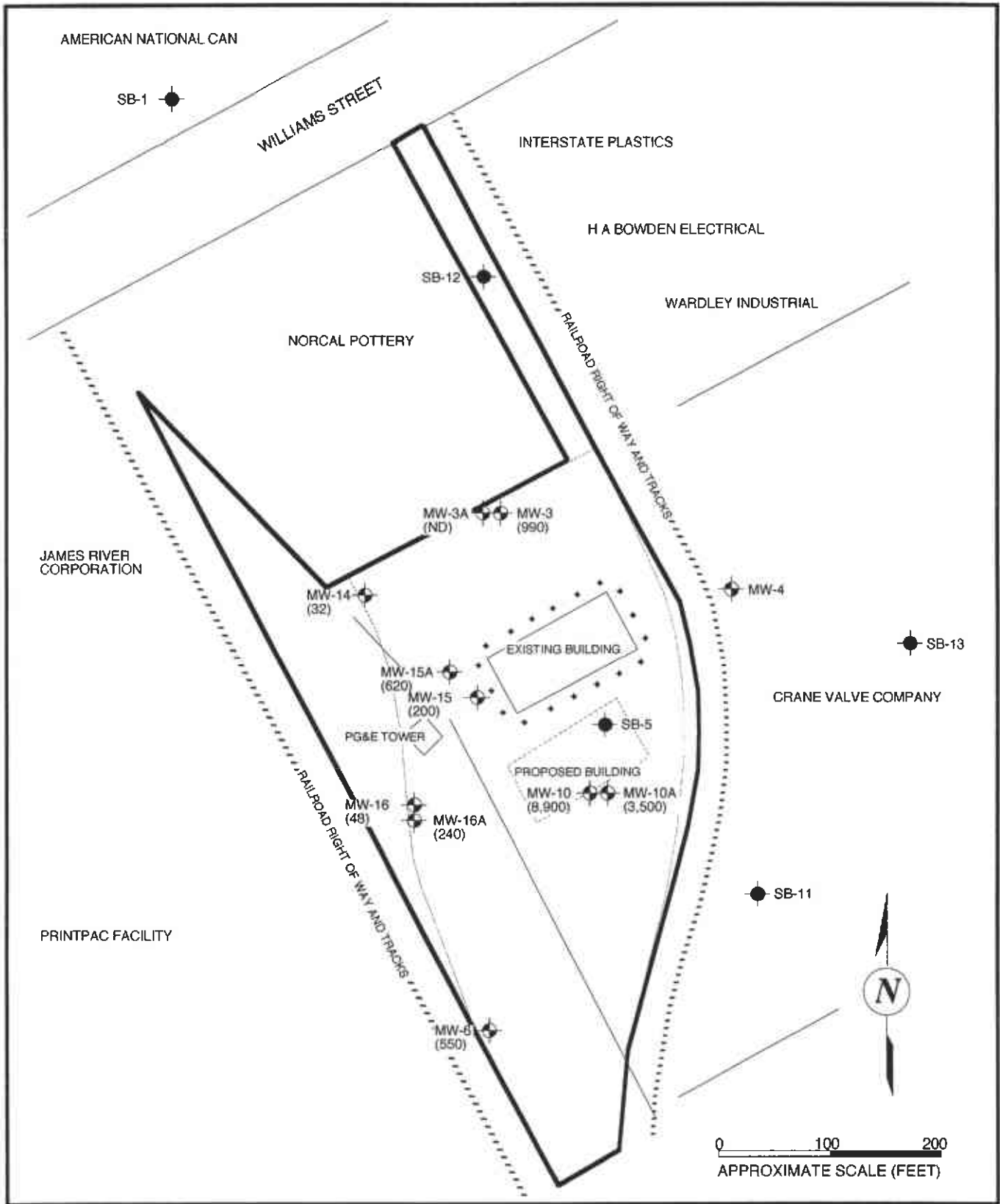
Quarterly Ground Water Sampling and Analysis
2075 Williams Street
San Leandro, California

PROJECT NO.
99-ENV187F

DRAWING NO.
4

TBLCK (5/20/02)

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PCE Concentrations in Ground Water ($\mu\text{g/L}$) (3/27/01)



Quarterly Ground Water Sampling and Analysis
2075 Williams Street
San Leandro, California

PROJECT NO.
99-ENV187F

DRAWING NO.
5

TBLCK (5/26/02)

EXISTING GROUND WATER MONITORING WELL LOCATIONS

2075 WILLIAMS STREET
SAN LEANDRO, CALIFORNIA

DATE: APRIL 18, 2001

SURVEY BY:
DAVID M. LOGAN L.S. 5003
(707) 745-5053

Project Benchmark:
Cinch Nail Top of Curb at the
Southeast Corner of Doolittle
Dr. and Williams Street. Elevation
Taken as 19.20', City of San
Leandro Datum.

