

**MW-11**

Chemical	4/91	7/91	4/94	11/95	12/98
Benzene	ND	ND	<0.5	<0.5	ND
Toluene	0.4	ND	<0.5	<0.5	ND
Ethylbenzene	ND	ND	<0.5	<0.5	ND
Xylenes	0.5	ND	<0.5	<0.5	ND
1,2-DCA	8	ND	NA	1.4	NA
1,1-DCE	ND	ND	NA		
cis-1,2-DCE	ND	ND	NA	<0.5	NA
trans-1,2-DCE	ND	ND	NA	<0.5	NA
"DCE"	ND	ND	NA		
PCE	27	18	NA	1.3	NA
TCE	4	1.3	NA	3	NA
Chloroform	ND	ND	NA	<0.5	NA
1,1,2-TCA	ND	ND	NA		
Bromoform	ND	ND	NA		
Chlorobenzene	ND	ND	NA		
TPH-g	ND	ND	ND		
MTBE	NA	NA	NA	NA	ND

**MW-10**

Chemical	4/91	7/91	2/93	4/94	11/95	12/98
Benzene	11000	14000	210	3600	82	180
Toluene	20000	7000	490	3200	22	330
Ethylbenzene	3200	2700	510	1200	37	140
Xylenes	18000	8300	1200	5300	47	300
1,2-DCA	350	290	ND	NA	<0.5	NA
1,1-DCE	ND	ND	ND	NA		
cis-1,2-DCE	1	ND	ND	NA	<0.5	NA
trans-1,2-DCE	ND	ND	ND	NA	<0.5	NA
"DCE"	1	ND	ND	NA		
PCE	0.9	ND	ND	NA	<0.5	NA
TCE	4	ND	9.5	NA	<0.5	NA
Chloroform	ND	ND	ND	NA	<0.5	NA
1,1,2-TCA	0.5	ND	ND	NA		
Bromoform	ND	ND	ND	NA		
Chlorobenzene	ND	ND	ND	NA		
TPH-g	180000	58000	66000	90000	18000	48000
MTBE	NA	NA	NA	NA	NA	ND

**MW-25**

Chemical	2/93	4/94	10/94	2/95	6/95	11/95	12/98
Benzene	ND	ND	ND	ND	NA	NA	ND
Toluene	ND	ND	ND	ND	NA	NA	ND
Ethylbenzene	ND	ND	ND	ND	NA	NA	0.8
Xylenes	ND	ND	ND	ND	NA	NA	4.6
1,2-DCA	ND	<2		6.6	3	NA	
1,1-DCE	ND						
cis-1,2-DCE	ND	ND		<0.5	1.1	1.1	
trans-1,2-DCE	ND	<1		<0.5	<0.5	<0.5	
"DCE"	ND						
PCE	ND	1.9		<0.5	<0.5	<0.5	
TCE	ND	<2		<0.5	<0.5	<0.5	
Chloroform	ND	<1		<0.5	<0.5	<0.5	
1,1,2-TCA	ND						
Bromoform	ND						
Chlorobenzene	ND	<1		<0.5	<0.5		
TPH-g	ND	ND					330
MTBE	NA	NA	NA	NA	NA	NA	ND

**MW-24**

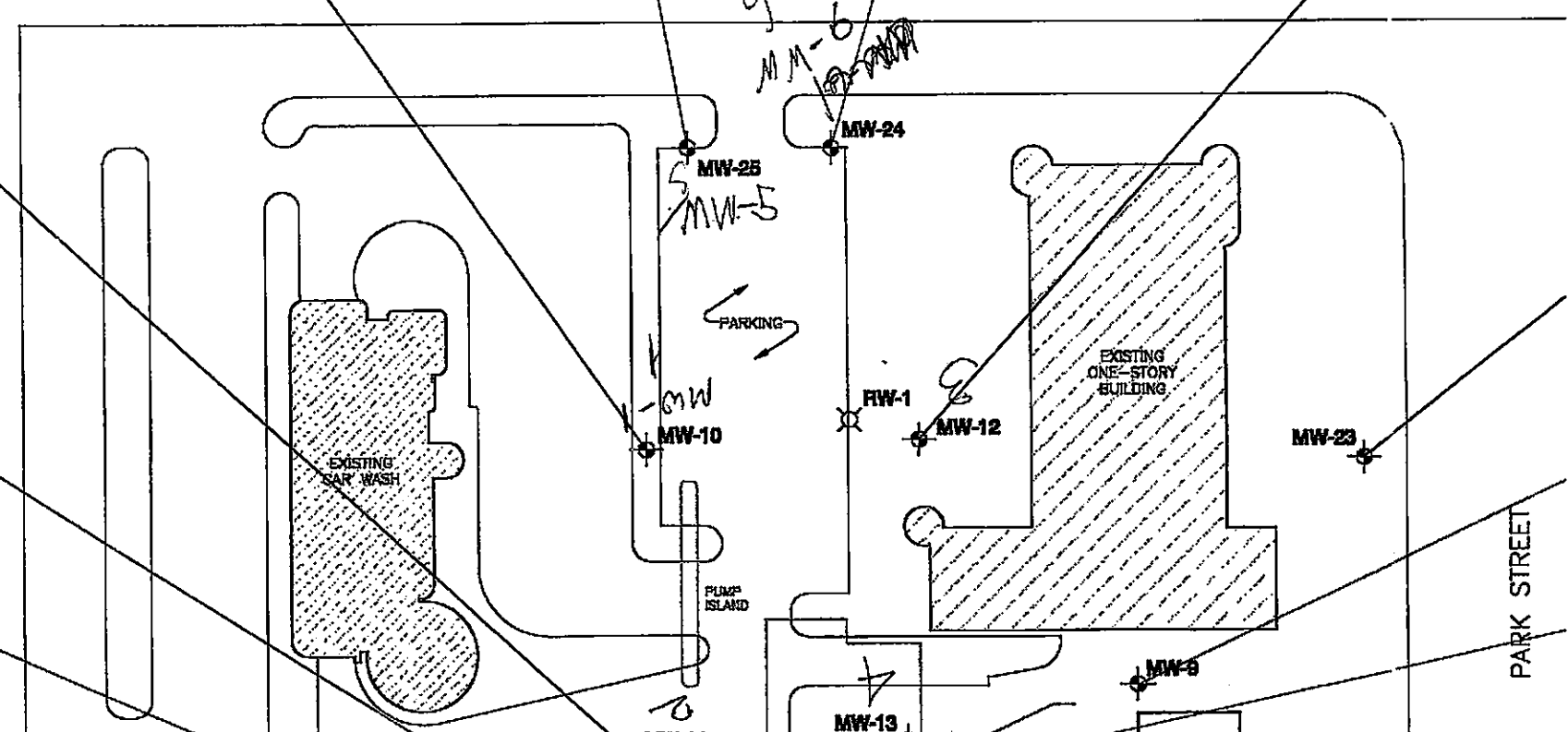
Chemical	2/93	4/94	10/94	2/95	6/95	11/95	12/98
Benzene	100	3000	NA	5	180	26	54
Toluene	230	1200	NA	2	48	1.7	27
Ethylbenzene	270	710	NA	2	81	11	22
Xylenes	500	2000	NA	4	150	4.7	31
1,2-DCA	ND	9.3	5.2	NA	NA	NA	NA
1,1-DCE	ND						
cis-1,2-DCE	ND	NA	<0.5	NA	NA	NA	NA
trans-1,2-DCE	ND	<1	<0.5	NA	NA	NA	NA
"DCE"	ND						
PCE	ND	3.9	<0.5	NA	NA	NA	NA
TCE	11	<2	<0.5	NA	NA	NA	NA
Chloroform	ND	<1	1.3	NA	NA	NA	NA
1,1,2-TCA	ND						
Bromoform	ND						
Chlorobenzene	NC	<1	<0.5	NA	NA		
TPH-g	33000	38000	NA	4150	8900	6000	2000
MTBE	NA	NA	NA	NA	NA	NA	ND

**MW-20**

Chemical	2/93	4/94	11/95
Benzene	NA	21	<0.5
Toluene	NA	<0.5	<0.5
Ethylbenzene	NA	<0.5	<0.5
Xylenes	NA	<0.5	<0.5
1,2-DCA	ND	<2	<0.5
1,1-DCE		<2	
cis-1,2-DCE			18
trans-1,2-DCE		58	0.61
"DCE"	NA		
PCE	ND	57	<0.5
TCE	ND	32	3.7
Chloroform			<0.5
1,1,2-TCA			
Bromoform			
Chlorobenzene		<1	
TPH-g			

**MW-19**

Chemical	2/93	4/94	10/94	2/95	6/95	11/95
Benzene	NA	<0.5	<0.5	<0.5	<0.5	NA
Toluene	NA	<0.5	<0.5	<0.5	<0.5	NA
Ethylbenzene	NA	<0.5	<0.5	<0.5	<0.5	NA
Xylenes	NA	<0.5	<0.5	<0.5	<0.5	NA
1,2-DCA	ND	<2	<0.5	<0.5	<0.5	NA
1,1-DCE						
cis-1,2-DCE		NR	<0.5	<0.5	<0.5	NA
trans-1,2-DCE		<1	<0.5	<0.5	<0.5	NA
"DCE"	NA					
PCE	ND	1.1	<0.5	<0.5	<0.5	NA
TCE	ND	<2	<0.5	<0.5	<0.5	NA
Chloroform		<1	4.6	<0.5	<0.5	NA
1,1,2-TCA						
Bromoform						
Chlorobenzene		<1	<0.5	<0.5	<0.5	
TPH-g						



MW-12									
Chemical	4/91	7/91	2/93	4/94	10/94	2/95	5/95	11/95	12/96
Benzene	20000	11000	620	1300	5200	120	71	NA	15
Toluene	34000	17000	1900	6300	6200	200	130	NA	45
Ethylbenzene	3600	1800	2200	1400	2200	180	110	NA	28
Xylenes	18000	8900	6000	12000	13000	710	200	NA	59
1,2-DCA	450	ND	ND	NA	NA		3	NA	NA
1,1-DCE	ND	ND	ND	NA	NA				
cis-1,2-DCE	ND	ND	ND	NA	<0.5		<0.5	NA	NA
trans-1,2-DCE	ND	ND	ND	NA	NA		<0.5	NA	NA
"DCE"	ND	ND	ND	NA	NA		<0.5	NA	NA
PCE	ND	ND	ND	NA	NA		<0.5	NA	NA
TCE	ND	230	2.4	NA	NA		<0.5	NA	NA
Chloroform	ND	ND	ND	NA	NA		<0.5	NA	NA
1,1,2-TCA	ND	ND	ND	NA	NA				
Bromoform	ND	ND	ND	NA	NA		<0.5		
Chlorobenzene	ND	ND	ND	NA	NA				
TPH-g	280000	86000	330000	160000	77000	68000	16000	NA	20000
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	ND

MW-23							
Chemical	2/93	4/94	10/94	2/95	5/95	11/95	
Benzene	ND	<0.5					
Toluene	ND	<0.5					
Ethylbenzene	ND	<0.5					
Xylenes	ND	<0.5					
1,2-DCA	ND	<2	0.53	<0.5	0.99	NA	
1,1-DCE							
cis-1,2-DCE		NR	<0.5	<0.5	<0.5	NA	
trans-1,2-DCE		<1	<0.5	<0.5	<0.5	NA	
"DCE"							
PCE	ND	<1	<0.5	<0.5	<0.5	NA	
TCE	ND	<2	<0.5	<0.5	<0.5	NA	
Chloroform	ND	<1	<0.5	<0.5	<0.5	NA	
1,1,2-TCA							
Bromoform							
Chlorobenzene		<1	<0.5	<0.5	<0.5		
TPH-g							

MW-9					
Chemical	11/90	4/91	7/91	4/94	11/95
Benzene	ND	ND	<0.4	520	1.8
Toluene	ND	ND	<0.3	2.8	5.8
Ethylbenzene	ND	ND	<0.3	35	1.1
Xylenes	ND	ND	<0.4	<0.5	5.8
1,2-DCA	ND	ND	<0.3	<2	<0.5
1,1-DCE	ND	ND	<0.2	<2	<0.5
cis-1,2-DCE	ND	ND	<0.4		<0.5
trans-1,2-DCE			<0.4	<1	<0.5
"DCE"	ND	ND	<0.4		<0.5
PCE	1.5	3.3	<0.5	<1	<0.5
TCE	ND	ND	<0.3	<2	<0.5
Chloroform					<0.5
1,1,2-TCA			<0.6		
Bromoform			<0.7		
Chlorobenzene			<0.7	<1	
TPH-g					

MW-2					
Chemical	11/90	4/91	7/91	4/94	11/95
Benzene	ND	ND	<0.4	<0.5	<0.5
Toluene	ND	ND	<0.3	<0.5	<0.5
Ethylbenzene	ND	ND	<0.3	<0.5	<0.5
Xylenes	ND	ND	<0.4	<0.5	<0.5
1,2-DCA	ND	ND	<0.3	<2	<0.5
1,1-DCE	ND	ND	<0.2	<2	<0.5
cis-1,2-DCE	ND	ND	<0.4		<0.5
trans-1,2-DCE			<0.4	<1	<0.5
"DCE"	ND	ND	<0.4		<0.5
PCE	ND	ND	<0.5	<1	<0.5
TCE	ND	ND	<0.3	<2	<0.5
Chloroform					<0.5
1,1,2-TCA			<0.6		
Bromoform			<0.7		
Chlorobenzene			<0.7	<1	
TPH-g					

MW-3					
Chemical	11/90	4/91	7/91	4/94	11/95
Benzene	ND	ND	<0.4	<0.5	<0.5
Toluene	0.5	ND	<0.3	<0.5	<0.5
Ethylbenzene	ND	ND	<0.3	<0.5	<0.5
Xylenes	ND	ND	<0.4	<0.5	<0.5
1,2-DCA	ND	ND	<0.3	<2	<0.5
1,1-DCE	ND	ND	<0.2	<2	<0.5
cis-1,2-DCE	ND	ND	<0.4		0.77
trans-1,2-DCE			<0.4	<1	<0.5
"DCE"	ND		<0.4		<0.5
PCE	ND	3	<0.5	8.2	20
TCE	0.5	ND	<0.3	1.4	<0.5
Chloroform					<0.5
1,1,2-TCA			<0.6		
Bromoform			<0.7		
Chlorobenzene			<0.7	<1	

11/90 4/91 7/91 4/94 11/95

**MW-21**

Chemical	2/83	4/84	11/85
Benzene	NA	<0.5	<0.5
Toluene	NA	<0.5	<0.5
Ethylbenzene	NA	<0.5	<0.5
Xylenes	NA	<0.5	<0.5
1,2-DCA	ND	<2	<0.5
1,1-DCE		<2	
cis-1,2-DCE			<0.5
trans-1,2-DCE		<1	<0.5
"DCE"	NA		
PCE	ND	<1	<0.5
TCE	ND	<1	<0.5
Chloroform			<0.5
1,1,2-TCA			
Bromoform			
Chlorobenzene			
TPH-g			

**MW-18**

Chemical	2/83	4/84
Benzene	NA	<0.5
Toluene	NA	<0.5
Ethylbenzene	NA	<0.5
Xylenes	NA	<0.5
1,2-DCA	ND	<2
1,1-DCE		<2
cis-1,2-DCE		
trans-1,2-DCE		<1
"DCE"	NA	
PCE	ND	1.4
TCE	ND	<2
Chloroform		
1,1,2-TCA		
Bromoform		
Chlorobenzene		
TPH-g		

**MW-7 & 7B**

Chemical	11/80	4/81	7/81	2/83	4/84	11/85	8/86
Benzene	ND	ND	NA	NA	190	1.1	<0.5
Toluene	ND	ND	NA	NA	<0.5	<0.5	<0.5
Ethylbenzene	ND	ND	NA	NA	<0.5	<0.5	<0.5
Xylenes	ND	ND	NA	NA	27	1.9	<0.5
1,2-DCA	ND	ND	<0.3	ND	<2	<50	<1
1,1-DCE	ND	ND	4.6		5.8		
cis-1,2-DCE	440	90	170			1200	1100
trans-1,2-DCE			2.6		13	<50	<35
"DCE"	440	90	170	150			
PCE	1900	1600	7800	5800	190	2100	820
TCE	520	200	660	540	12	1200	890
Chloroform						<50	<35
1,1,2-TCA			0.8				<35
Bromoform			1.7				<35
Chlorobenzene			4.8	31			<35
TPH-g							780

**MW-17**

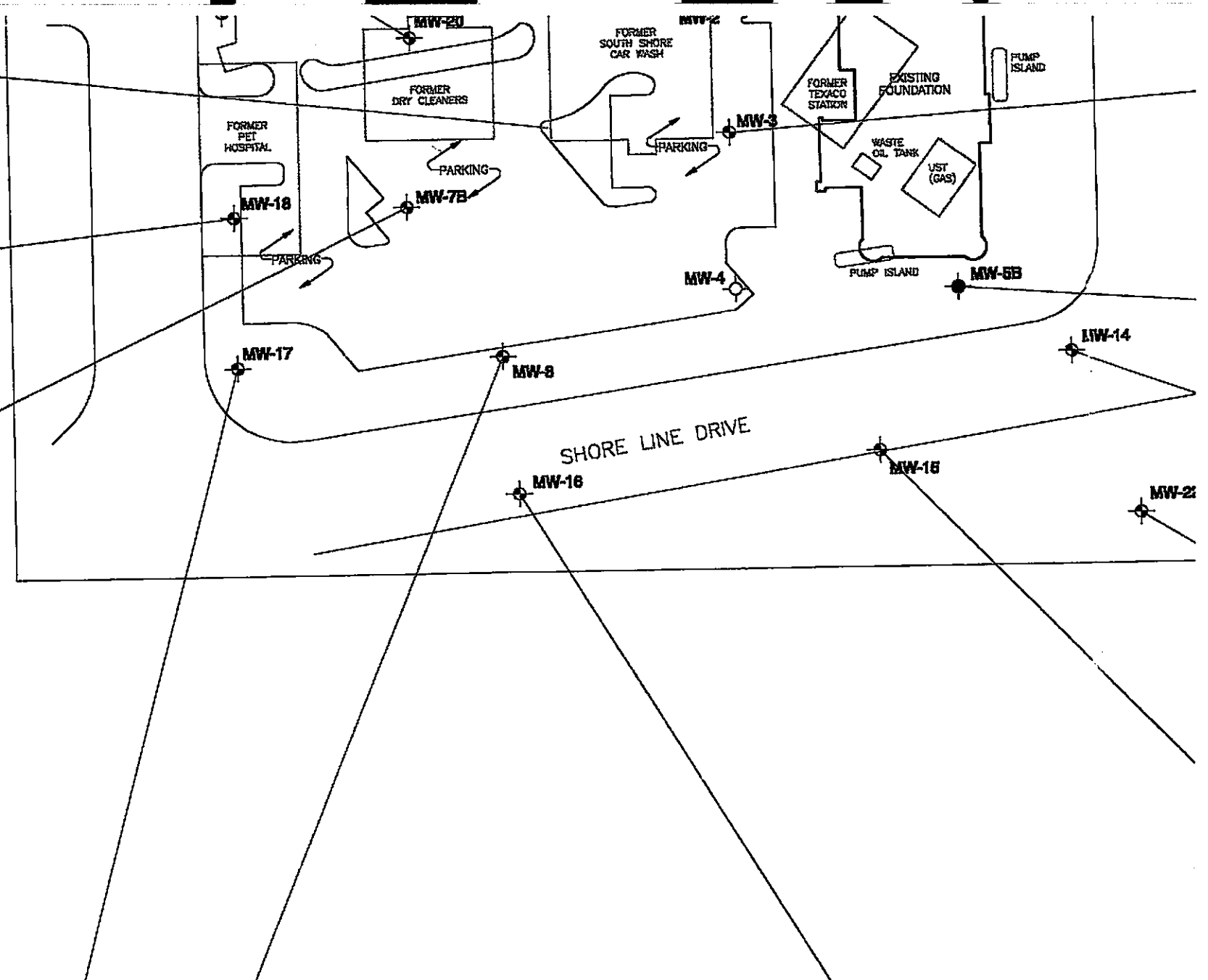
Chemical	2/83	4/84	10/84	2/85	5/85	11/85
Benzene	NA	<0.5	<0.5	<0.5	<0.5	NA
Toluene	NA	<0.5	<0.5	<0.5	<0.5	NA
Ethylbenzene	NA	<0.5	<0.5	<0.5	<0.5	NA
Xylenes	NA	<0.5	<0.5	<0.5	<0.5	NA
1,2-DCA	ND	<2	<0.5	<0.5	<0.5	NA
1,1-DCE						
cis-1,2-DCE		NR	<0.5	<0.5	<0.5	NA
trans-1,2-DCE		<1	<0.5	<0.5	<0.5	NA
"DCE"	NA					
PCE	ND	2.4	<0.5	<0.5	<0.5	NA
TCE	ND	<2	<0.5	<0.5	<0.5	NA
Chloroform		<1		<0.5	<0.5	NA
1,1,2-TCA			4			
Bromoform						
Chlorobenzene		<1	<0.5	<0.5	<0.5	
TPH-g						

**MW-8**

Chemical	11/80	4/81	7/81	2/83	4/84	11/85	8/86
Benzene	ND	ND	NA	NA	92	<0.5	<0.5
Toluene	ND	ND	NA	NA	<0.5	<0.5	<0.5
Ethylbenzene	ND	ND	NA	NA	<0.5	<0.5	<0.5
Xylenes	ND	ND	NA	NA	<0.5	<0.5	<0.5
1,2-DCA	ND	ND	<0.3	ND	<2	<0.5	<1
1,1-DCE	ND	ND	<0.2		<2		<1
cis-1,2-DCE	1.2	6.8	11			44	40
trans-1,2-DCE			<0.4		23	1.9	1.4
"DCE"	1.2	6.8	11	9			
PCE	0.9	1.1	0.9	5	70	8	1.4
TCE	3	7.7	19	14	57	22	44
Chloroform						<0.5	<1
1,1,2-TCA			<0.6				<1
Bromoform			<0.7				<1
Chlorobenzene			<0.7		<1		<1
TPH-g							<50

**MW-16**

Chemical	2/83	4/84	10/84	2/85	5/85
Benzene	ND	<0.5	<0.5	<0.5	<0.5
Toluene	ND	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	ND	<0.5	<0.5	<0.5	<0.5
Xylenes	ND	<0.5	<0.5	<0.5	<0.5
1,2-DCA	ND	<2	<0.5	<0.5	<0.5
1,1-DCE					
cis-1,2-DCE		NR	<0.5	<0.5	<0.5
trans-1,2-DCE		<1	<0.5	<0.5	<0.5
"DCE"	ND				
PCE	ND	<1	<0.5	<0.5	<0.5
TCE	ND	<2	<0.5	<0.5	<0.5
Chloroform		<1	6.1	<0.5	<0.5
1,1,2-TCA					
Bromoform					
Chlorobenzene		<1	<0.5	<0.5	<0.5
TPH-g					



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MW-5B					
Chemical	11/80	4/91	7/91	2/93	4/94
Benzene	800	1300	3.1	210	<0.5
Toluene	12	45	3.7	4.2	<0.5
Ethylbenzene	320	370	13	1.9	<0.5
Xylenes	86	100	2.2	2	<0.5
1,2-DCA	ND	ND	<0.3	0.4	<2
1,1-DCE	ND	ND	<0.2		<2
cis-1,2-DCE	ND	ND	<0.4		1.4
trans-1,2-DCE	ND	ND	<0.4		
"DCE"	ND	ND	<0.4	5	1.2
PCE	ND	ND	<0.5	ND	10
TCE	ND	ND	<0.3	3.4	
Chloroform					
1,1,2-TCA			<0.6		
Bromoform			<0.7		
Chlorobenzene			<0.7	<1	<1
TPH-g					

MW-14							
Chemical	4/91	7/91	2/93	4/94	4/94	4/94	4/97
Benzene	2.9	0.8	ND	0.96	0.96	0.77	0.77
Toluene	ND	0.8	ND	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	ND	<0.3	ND	3.3	3.4	0.73	0.73
Xylenes	0.5	0.8	ND	15	15	<0.5	<0.5
1,2-DCA	4.8	6.6	3.4	8.4	9.7	1.4	1.4
1,1-DCE	0.5	<0.2		<2	<2	<1	<1
cis-1,2-DCE	ND	<0.4				<1	<1
trans-1,2-DCE		<0.4		<1	<1	<1	<1
"DCE"	ND	<0.4	ND			<1	<1
PCE	16	<0.5	ND	<1	<1	<1	<1
TCE	0.4	<0.3	ND	<2	<2	<1	<1
Chloroform						<1	<1
1,1,2-TCA		<0.6				<1	<1
Bromoform		<0.7				<1	<1
Chlorobenzene		<0.7		<1	<1	<1	<1
TPH-g						<50	<50
MTBE	NA	NA	NA	NA	NA	<30	<30

MW-22						
Chemical	2/93	4/94	10/94	2/95	5/95	4/97
Benzene	ND	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	ND	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	ND	<0.5	<0.5	<0.5	<0.5	<0.5
Xylenes	ND	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-DCA	22	15	14	8.2	11	<1
1,1-DCE		<2				<1
cis-1,2-DCE		NR	<0.5	<0.5	<0.5	<1
trans-1,2-DCE		<1	<0.5	<0.5	<0.5	<1
"DCE"	ND					
PCE	ND	<1	<0.5	<0.5	<0.5	<1
TCE	ND	<2	<0.5	<0.5	<0.5	<1
Chloroform		<1	0.65	<0.5	<0.5	<1
1,1,2-TCA						
Bromoform						
Chlorobenzene		<1	<0.5	<0.5		<1
TPH-g						<50
MTBE	NA	NA	NA	NA	NA	<30

MW-15			
Chemical	2/93	4/94	4/97
Benzene	ND	<0.5	<0.5
Toluene	ND	<0.5	<0.5
Ethylbenzene	ND	<0.5	<0.5
Xylenes	ND	<0.5	<0.5
1,2-DCA	ND	<2	<1
1,1-DCE		<2	<1
cis-1,2-DCE			<1
trans-1,2-DCE		<1	<1
"DCE"	ND		<1
PCE	ND	<1	<1
TCE	ND	<2	<1
Chloroform			<1
1,1,2-TCA			<1
Bromoform			<1
Chlorobenzene			<1
TPH-g			<50
MTBE	NA	NA	<30

**LEGEND**

- ⊕ MONITORING WELL
- ⊕ MONITORING/VAPOR EXTRACTION WELL
- ⊗ RECOVERY WELL
- ⊕ MONITORING WELL (DAMAGED)

**NOTES:**

Blank cells mean that nothing was reported for the given chemical.

"NA" means the chemical was reported as "Not Analyzed"

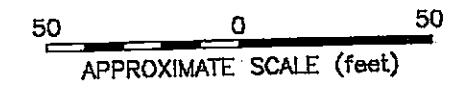
"ND" means the chemical was analyzed, but "Not Detected"

"<" means the chemical was analyzed and reported below the given detection limit

"DCE" means either total DCE, or DCE not differentiated into cis- or trans-isomers.

All values in micrograms per liter.

Analytical data for monitoring wells MW-10, MW-11, MW-12, MW-13, MW-24, AND MW-25 modified by Soil Tech Engineering, Inc.



REFERENCE:  
EVAX Technologies, Inc., "As-Built Site Map, 2375 Shore Line Drive, Alameda, California," dated 8-13-91.

Plate revised 10-27-97.



**DATA COMPILATION,  
SOUTH SHORE SHOPPING CENTER**

HARSCH SOUTH SHORE  
2375 SHORE LINE DRIVE  
ALAMEDA, CALIFORNIA

PROJECT NO. 10-300301-006

FIGURE

2

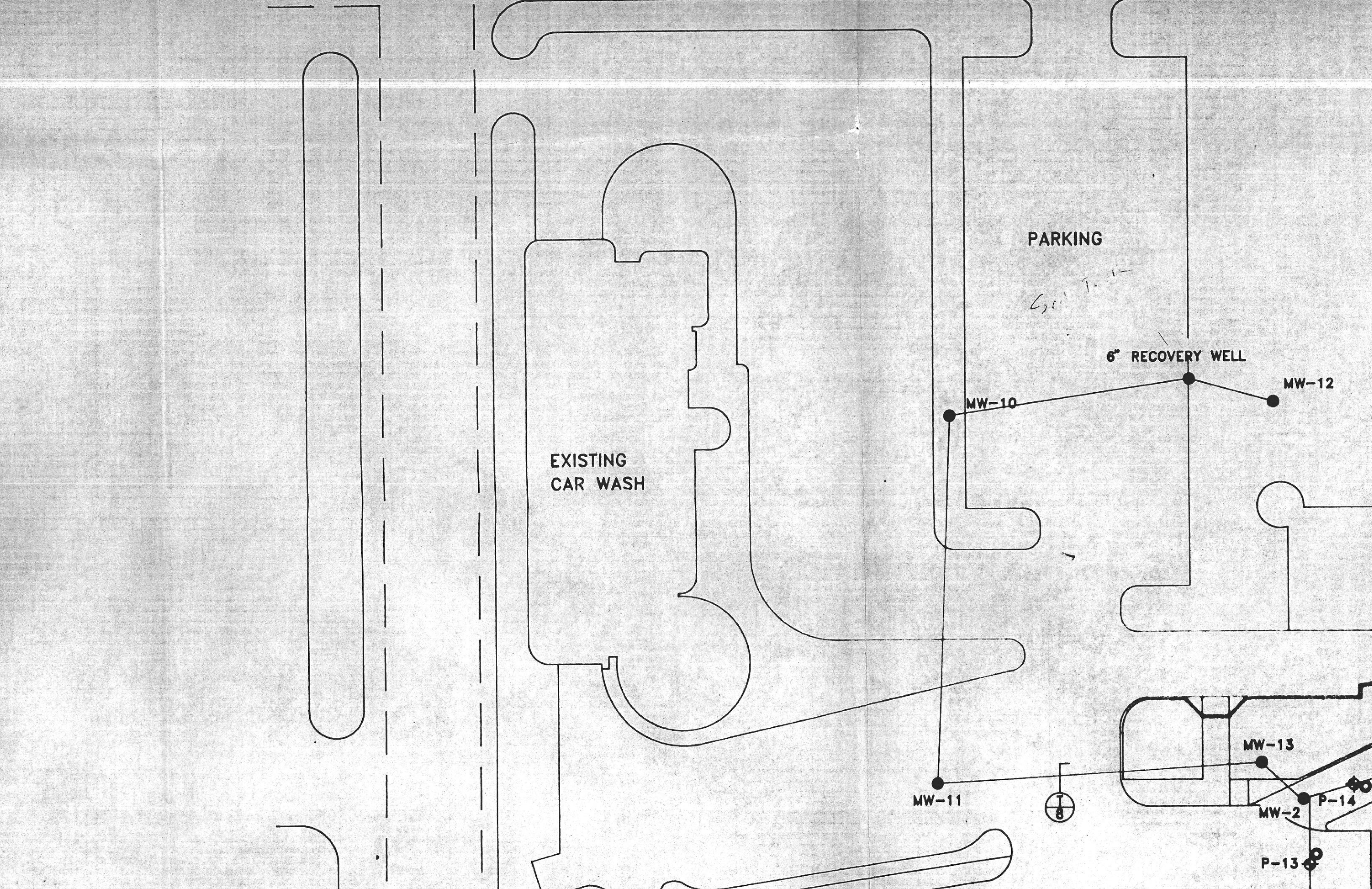
DRAFTED BY: L. Sue

DATE: 11-14-96

CHECKED BY: A. Gibbs

DATE: 11-14-96





EXISTING  
CAR WASH

PARKING

6" RECOVERY WELL

MW-10

MW-12

MW-11

MW-13

MW-2

P-14

P-13



EXISTING  
ONE-STORY  
BUILDING

ELECTRICAL  
SERVICE

EQUIPMENT AREA

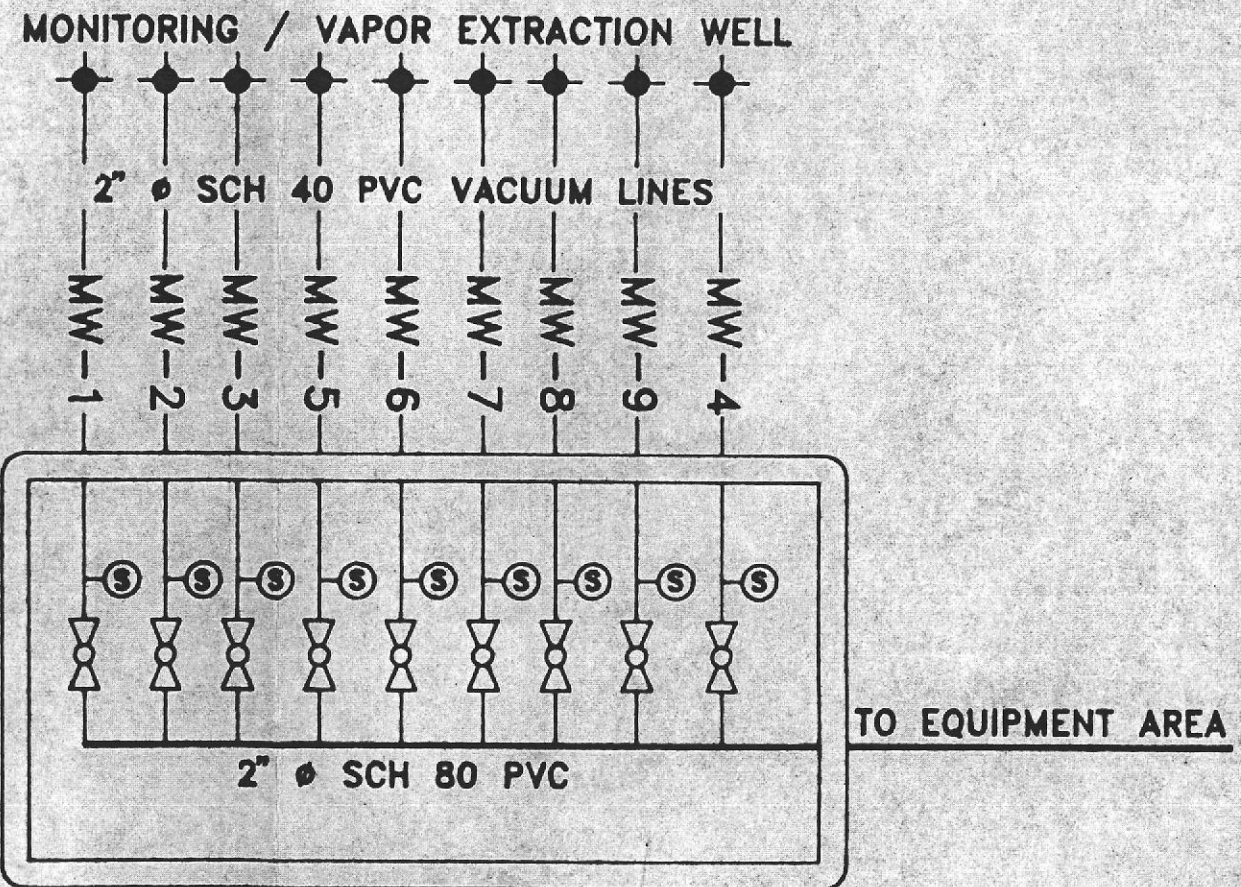
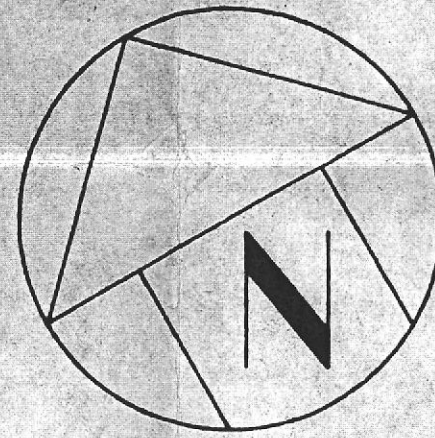
FENCE

3/4"  $\phi$  SCH 40 PVC

VP-5

PARK STREET

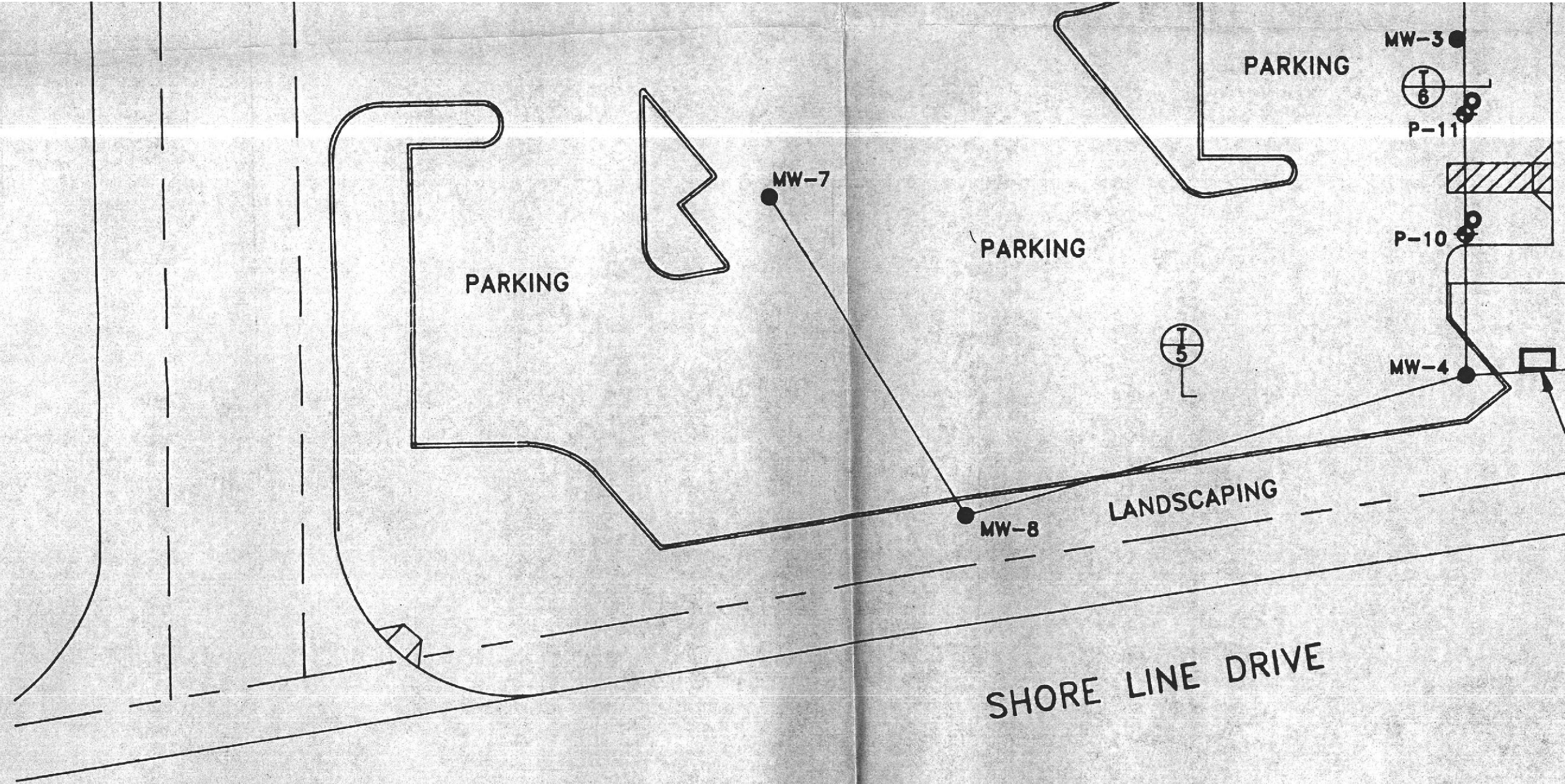
1"  $\phi$  SCH 40 PVC



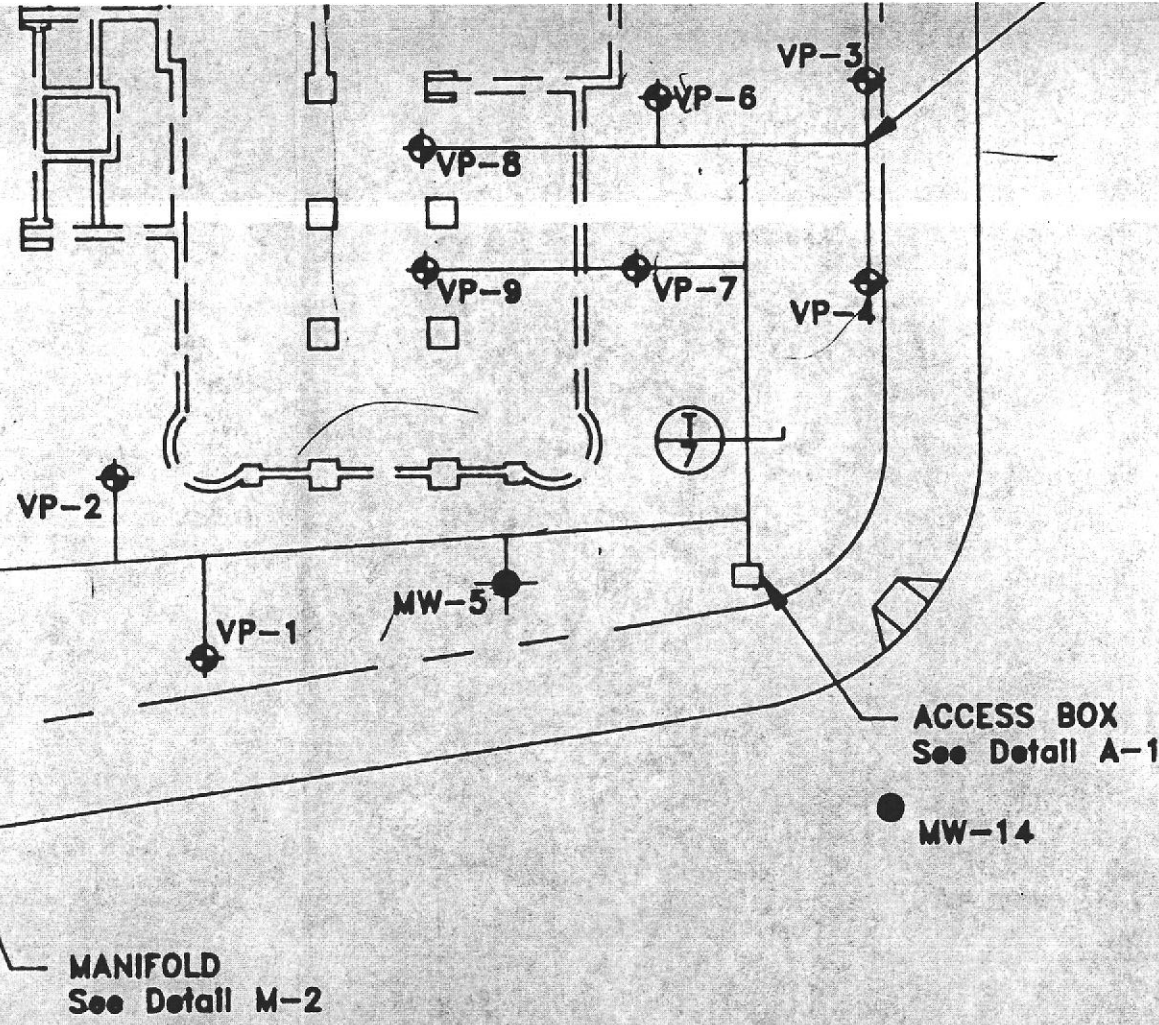
B 17 X 30 CHRISTY BOX

MANIFOLD LAYOUT



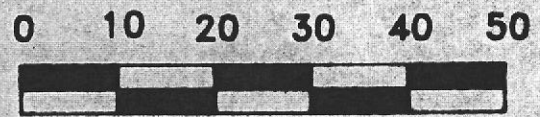







**LEGEND**

- ◆ Vapor Recovery Probe  
See Detail VEP-3
- Monitoring Well  
See Detail W-4
- ⊕ Monitoring / Vapor Extraction Well  
See Detail VW-3
- Installed 1/2" Air Barrier Probe



<b>AS-BUILT SITE MAP</b> 2375 SHORE LINE DRIVE ALAMEDA, CALIFORNIA	Drawn by: <b>J. BUNCH</b>	Designed by: <b>C.P.</b>
	File name: <b>03010D12</b>	Job number: <b>03010.01</b>
 269 MOUNT HERMON RD., SUITE 101 SCOTTS VALLEY, CA 95066 PHONE (408)438-7511 FAX (408)438-7515 <b>TECHNOLOGIES, INC.</b>	File date: <b>06-13-91</b>	Date: <b>06-13-91</b>
	Scale: <b>1" = 20'</b> <b>(D" SIZE ONLY)</b>	Figure Number:  Sheet <b>1</b> of <b>1</b>