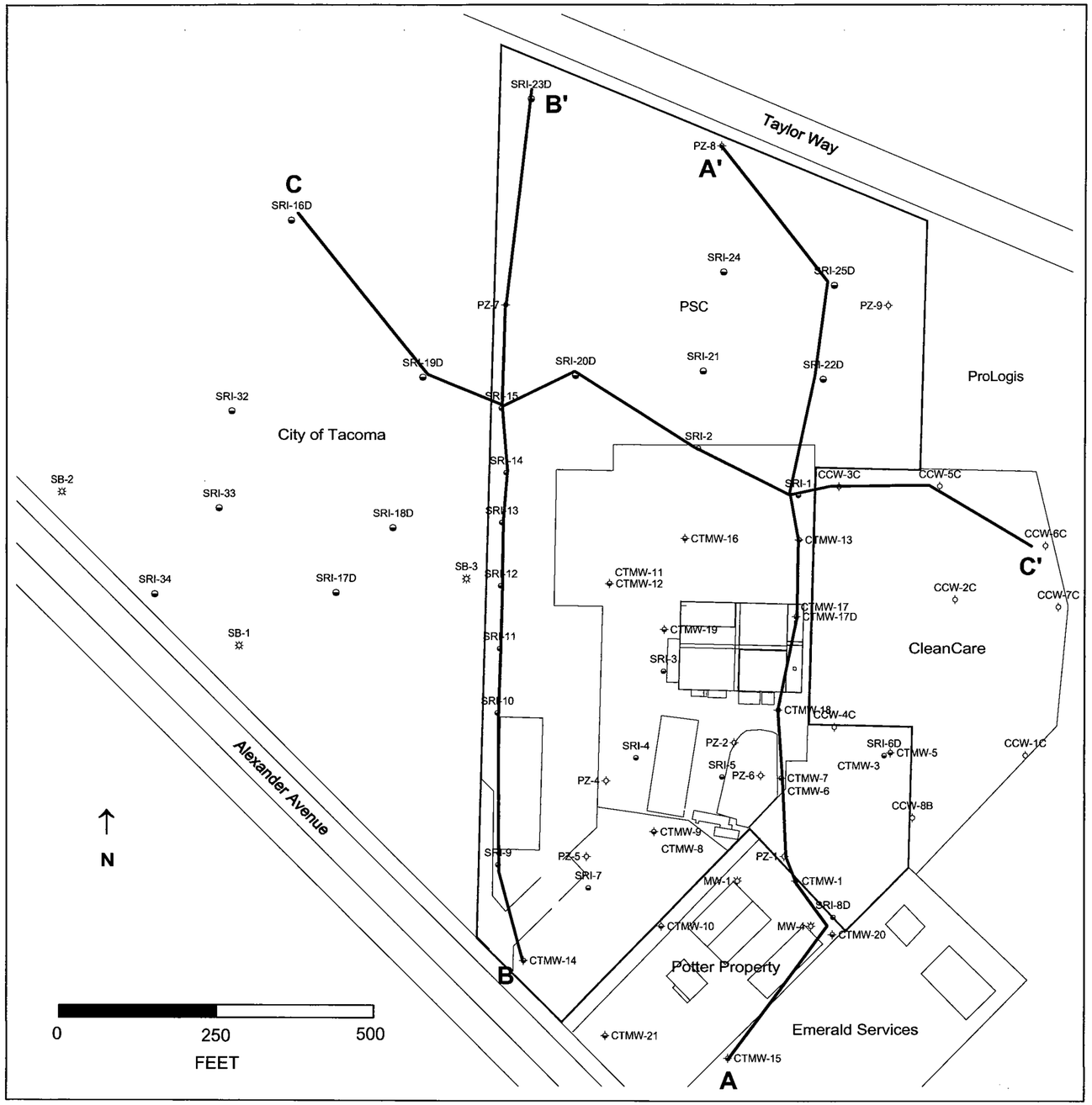
Appendix B
Historical Silt Layer Maps
(2005 PSC Remedial Investigation)



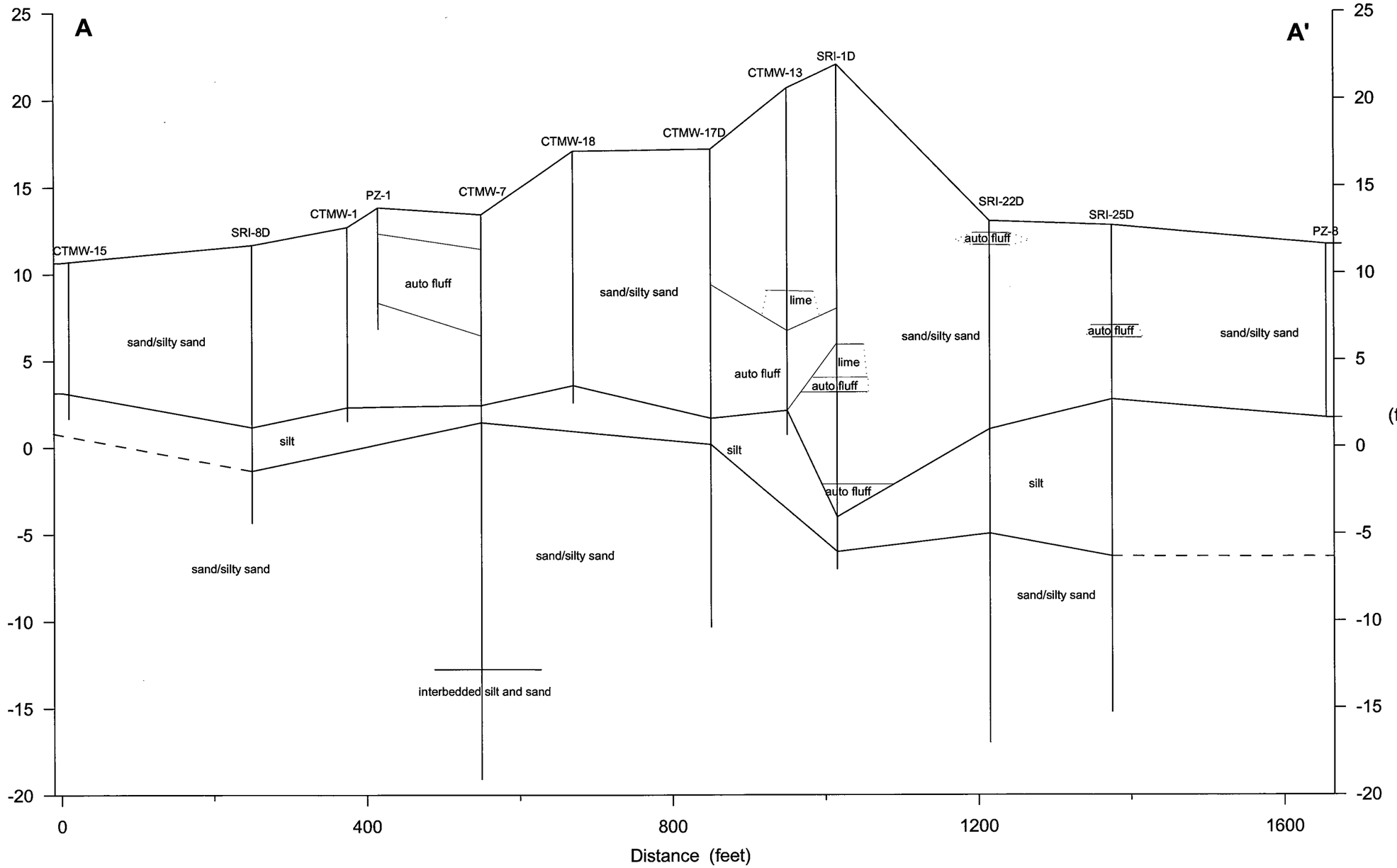
LEGEND

- PSC Well Boring
- PSC Piezometer Boring
- CleanCare Well Boring
- City Well Boring
- Supplemental RI Temporary Well Boring

Figure 6-1

Locations of Borings and Cross Sections

borings_&_x-sect



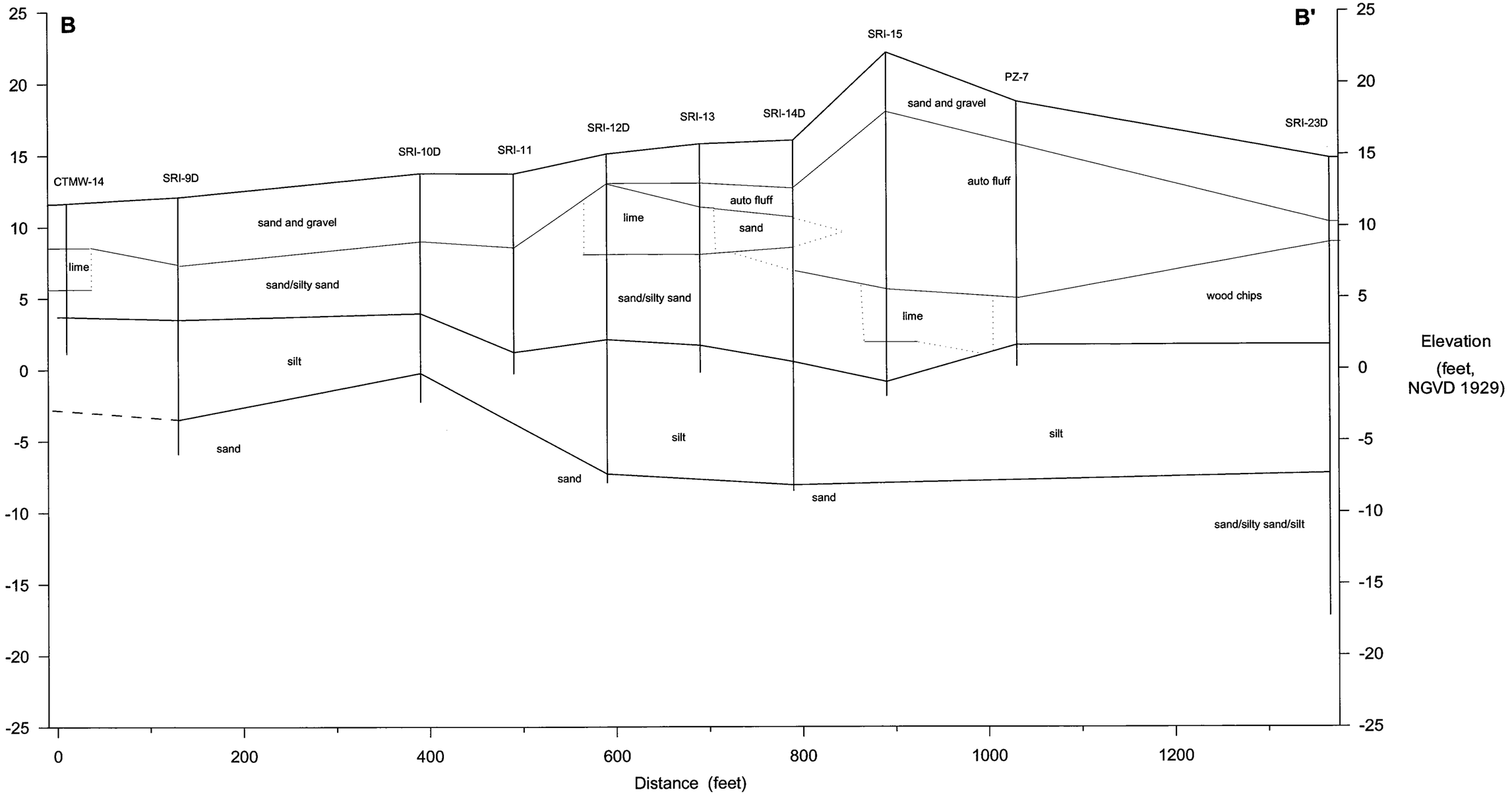
LEGEND

MW-15	Existing Monitoring Well
SRI-16D	Supplemental RI Temporary Well
PZ-8	Piezometer
———	Estimated Contact between Units
- — —	Possible Contact between Units
.....	Estimated Contacts between Types of Fill

Figure 6-2

Cross Section A-A'

A-A'.grf



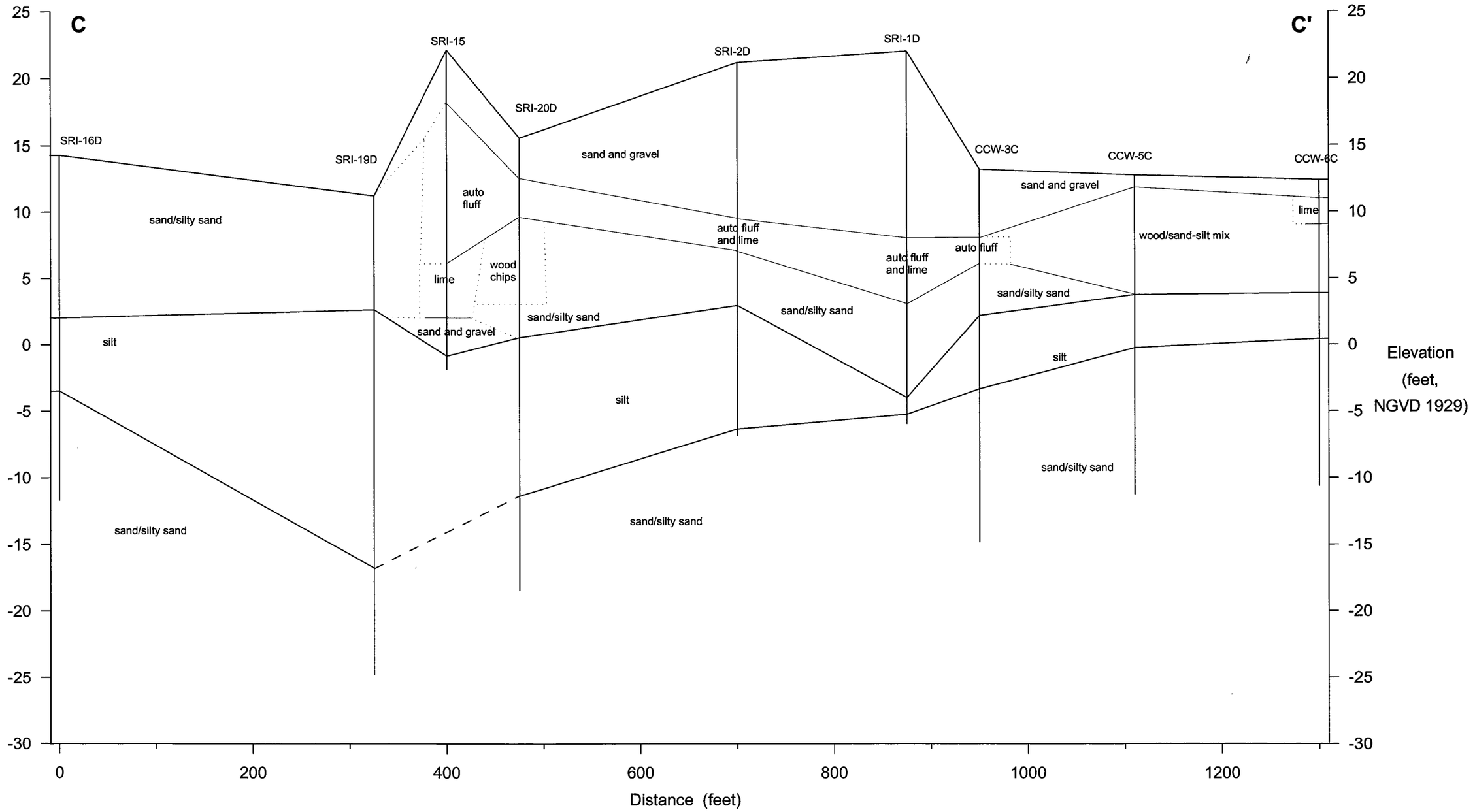
LEGEND

MW-16	Existing Monitoring Well
SRI-16D	Supplemental RI Temporary Well
CCW-3C	CleanCare Well
———	Estimated Contact between Units
- — —	Possible Contact between Units
.....	Estimated Contacts between Types of Fill

Figure 6-3

Cross Section B-B'

B-B'.grf



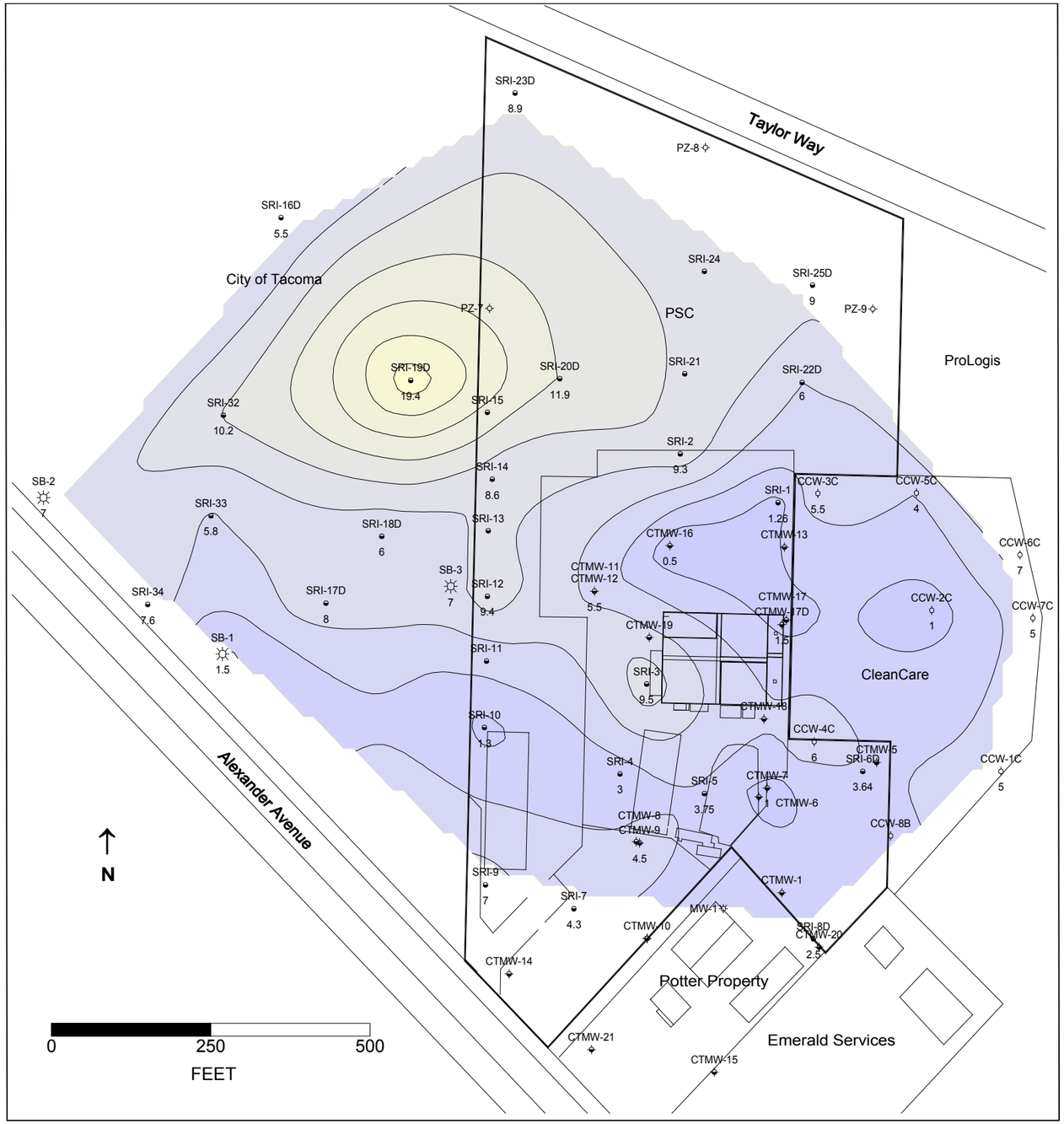
LEGEND

MW-16	Existing Monitoring Well
SRI-16D	Supplemental RI Temporary Well
CCW-3C	CleanCare Well
———	Estimated Contact between Units
- — —	Possible Contact between Units
———	Estimated Contacts between Types of Fill
. . . . .	

Figure 6-4

Cross Section C-C'

C-C'.grf



Estimated Thickness (feet)

18
16
14
12
10
8
6
4
2
0

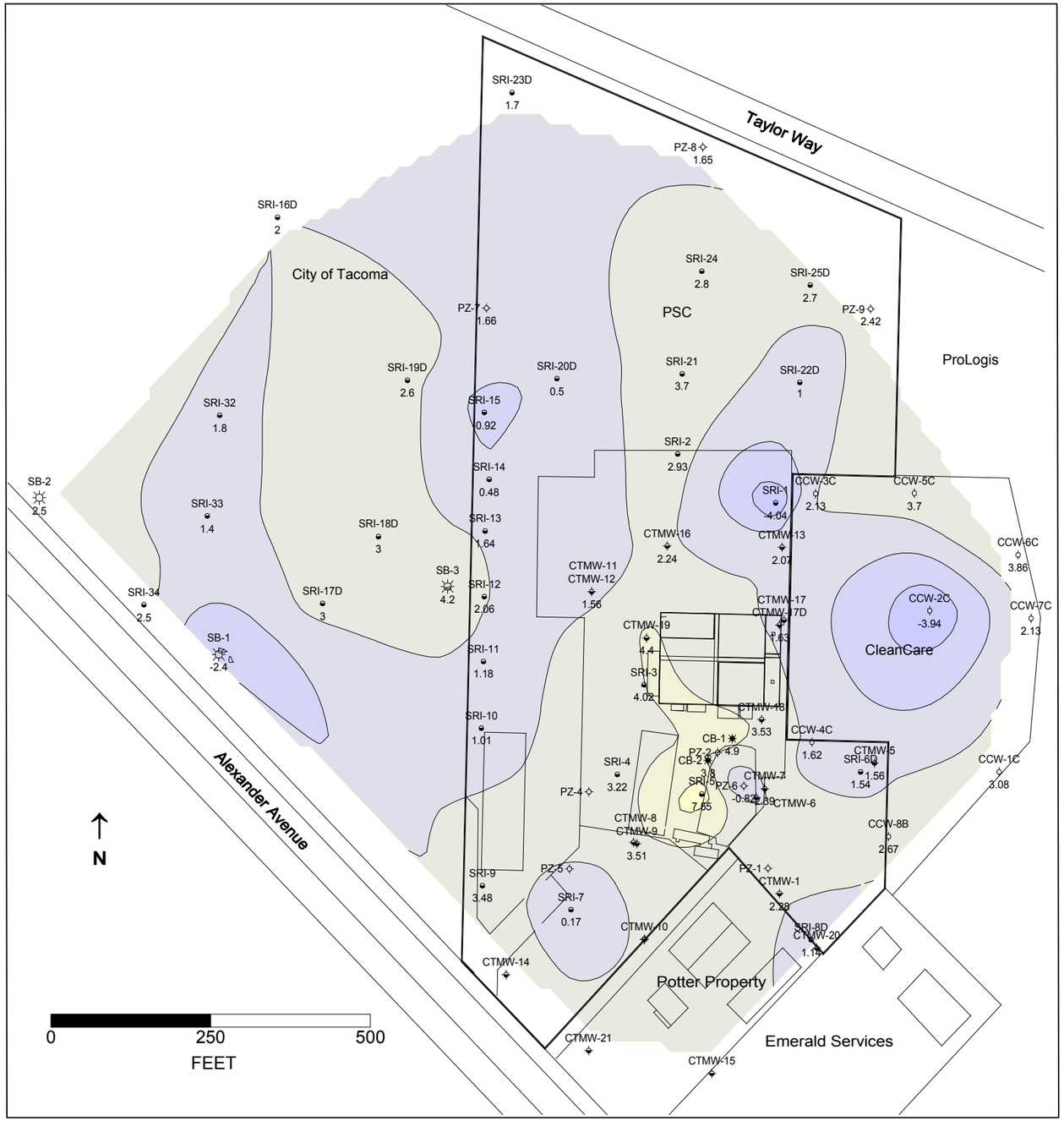
LEGEND

- PSC Monitoring Well
- PSC Piezometer
- CleanCare Monitoring Well
- City of Tacoma Monitoring Well
- Supplemental RI Temporary Well
- 11.9 Thickness of Silt Unit

Figure 6-8

Thickness of Silt Unit

silt_thickness.srf



Estimated Elevation
(feet, NGVD 1929)

6
4
2
0
-2
-4

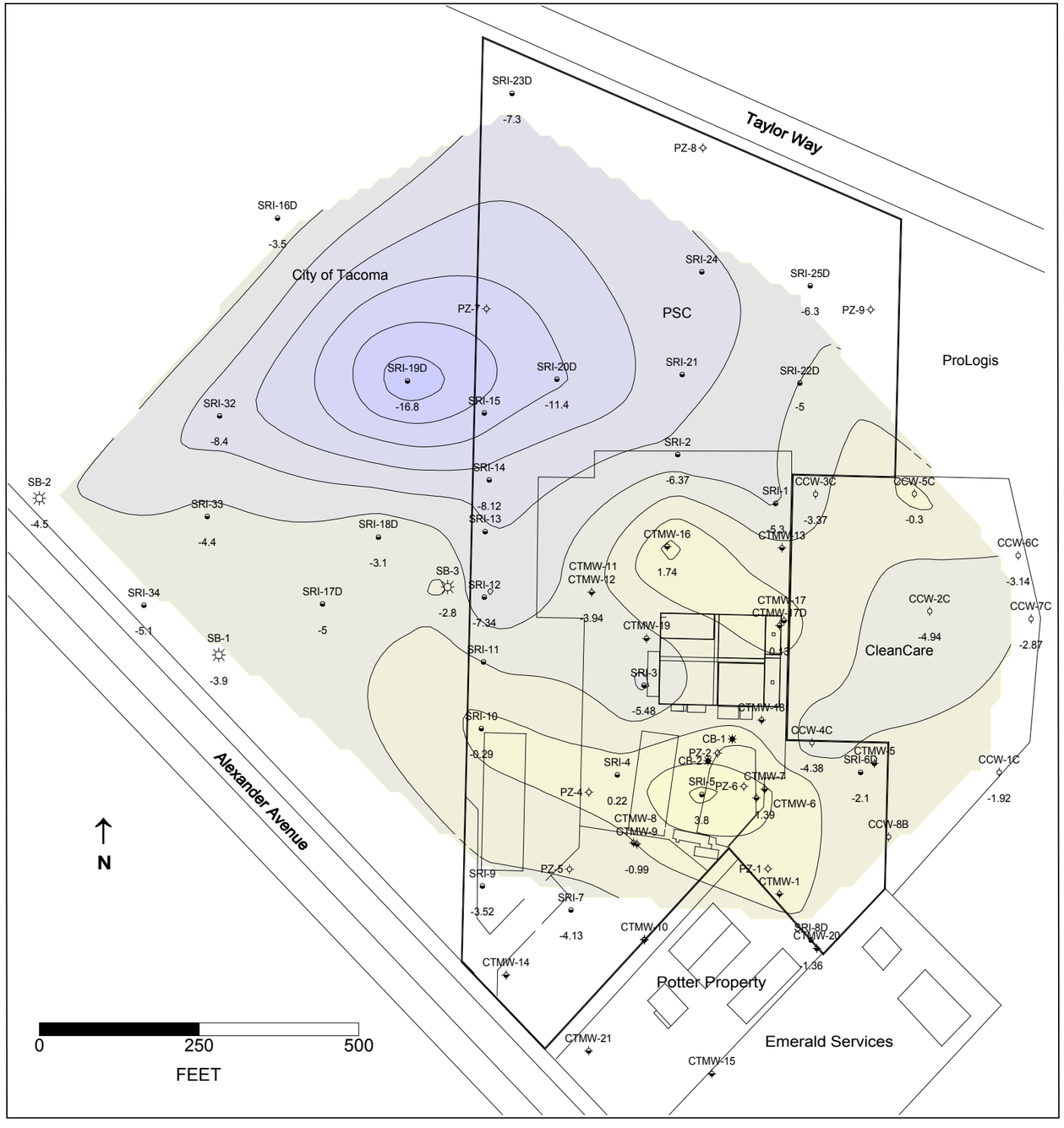
LEGEND

- PSC Monitoring Well
- PSC Piezometer
- CleanCare Monitoring Well
- City of Tacoma MonitoringWell
- Supplemental RI Temporary Well
- 1.9 Elevation of Silt Unit Top

Figure 6-9

Elevation of Silt-Unit Top

silt_top_elevation.srf



Estimated Elevation
(feet, NGVD 1929)

3
1
-1
-3
-5
-7
-9
-11
-13
-15
-17

LEGEND

- PSC Monitoring Well
- PSC Piezometer
- CleanCare Monitoring Well
- City of Tacoma Monitoring Well
- Supplemental RI Temporary Well
- 1.9 Elevation of Silt Unit Bottom

Figure 6-10

Elevation of Silt-Unit Bottom

silt_bottom_elevation.srf

Appendix C
Historical Fill Maps

Occidental Chemical Corporation

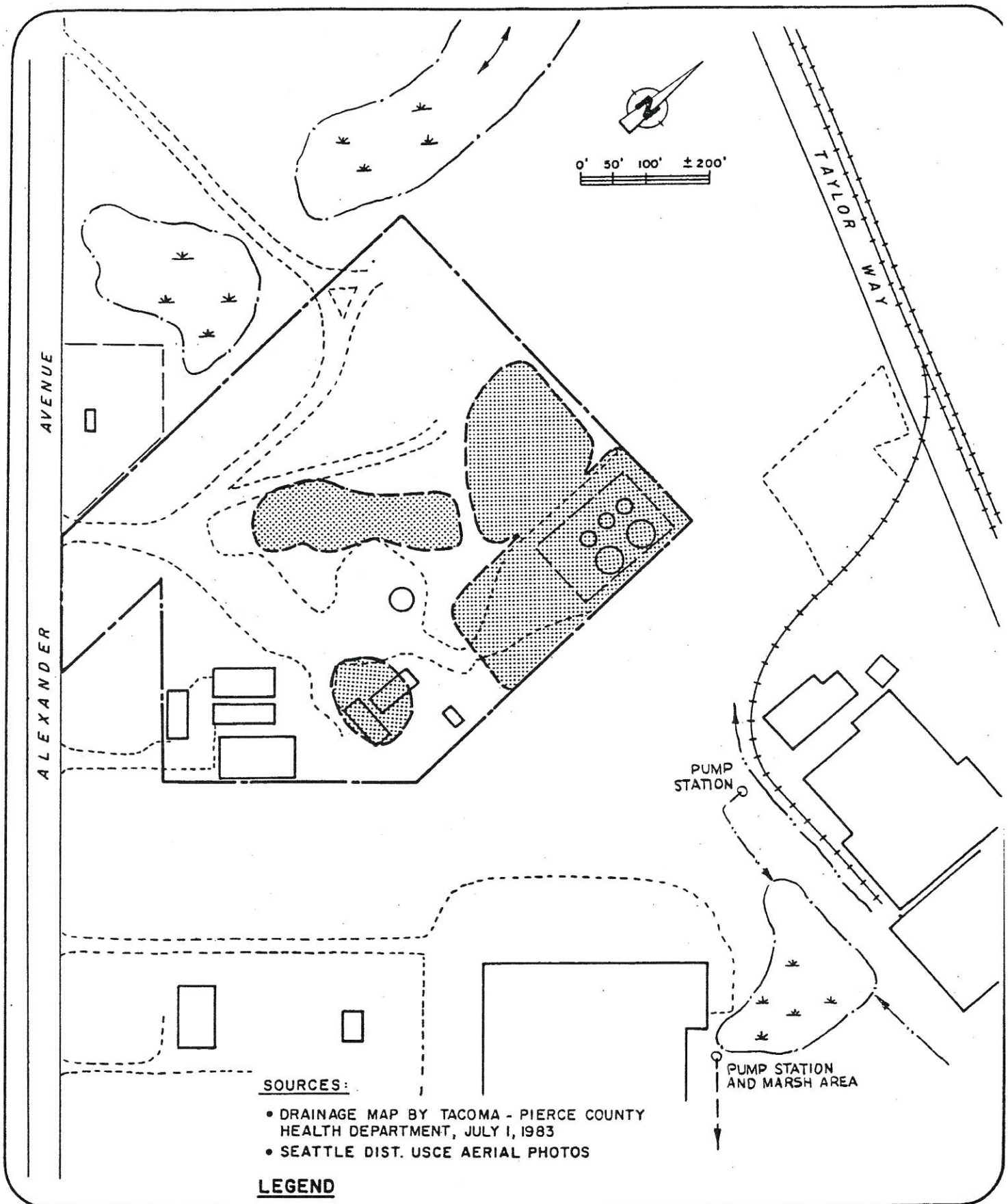
TACOMA
Off-Plant Disposal Sites
Groundwater Investigation

- Alexander Avenue
- Dauphin
- Marine View Drive
- Petarcik

February, 1984

Ref. No. 1002

CONESTOGA-ROVERS & ASSOCIATES LIMITED



CRA

1002-2/2/84

ALEXANDER AVENUE
figure 1

Preliminary Assessment

Past Practices in the Vicinity of the Poligen Facility

Port of Tacoma, Washington

Prepared for

Sol-Pro/Lilyblad

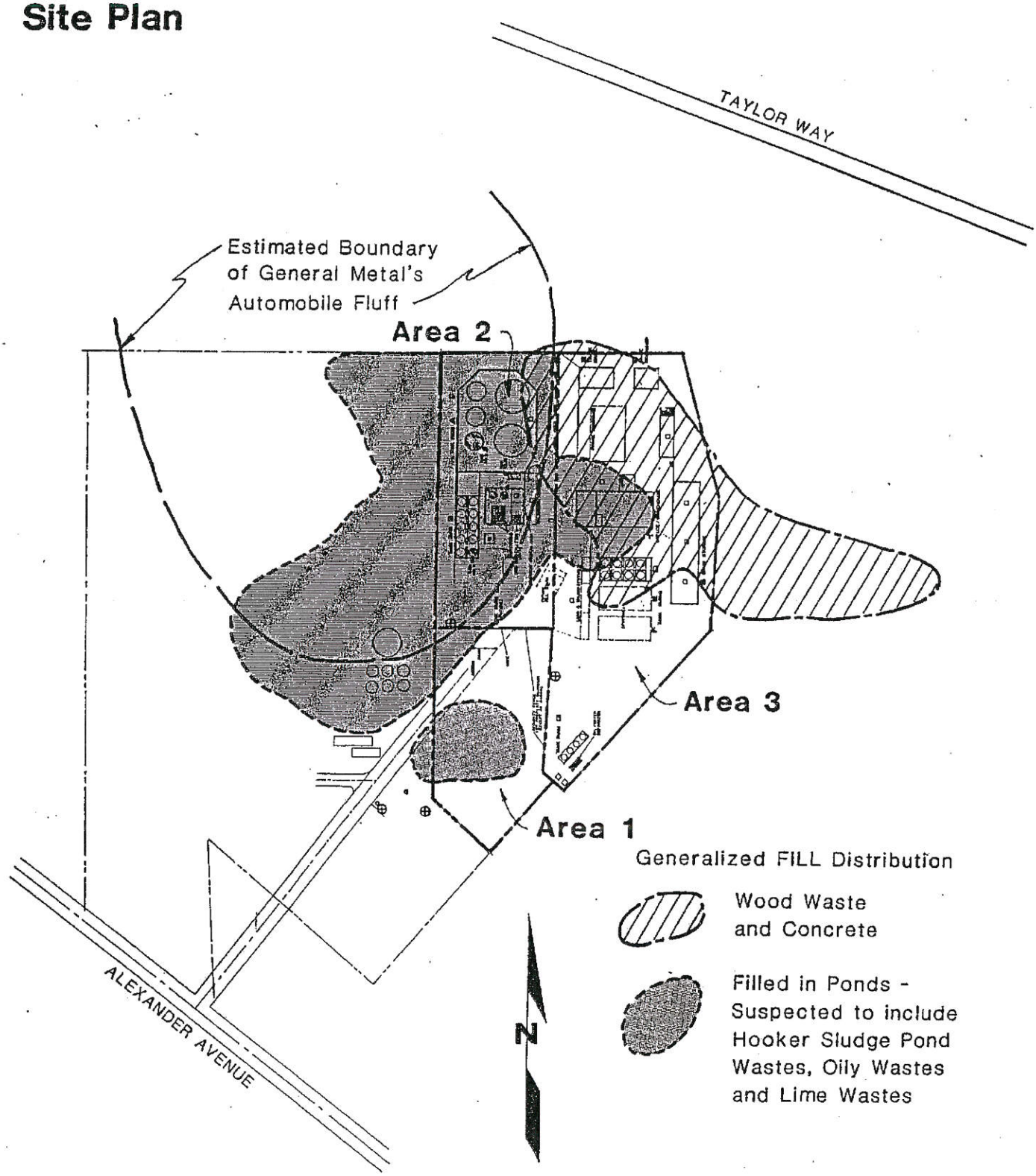
May 1, 1986

J-1615-04

HART CROWSER & associates inc.

1910 Fairview Avenue East • Seattle WA 98102-3699 • (206) 324-9530

Site Plan



Dredge SAND and SAND and GRAVEL Borrow overlay Tideflat Sediments over entire site with specific other Fills as indicated.

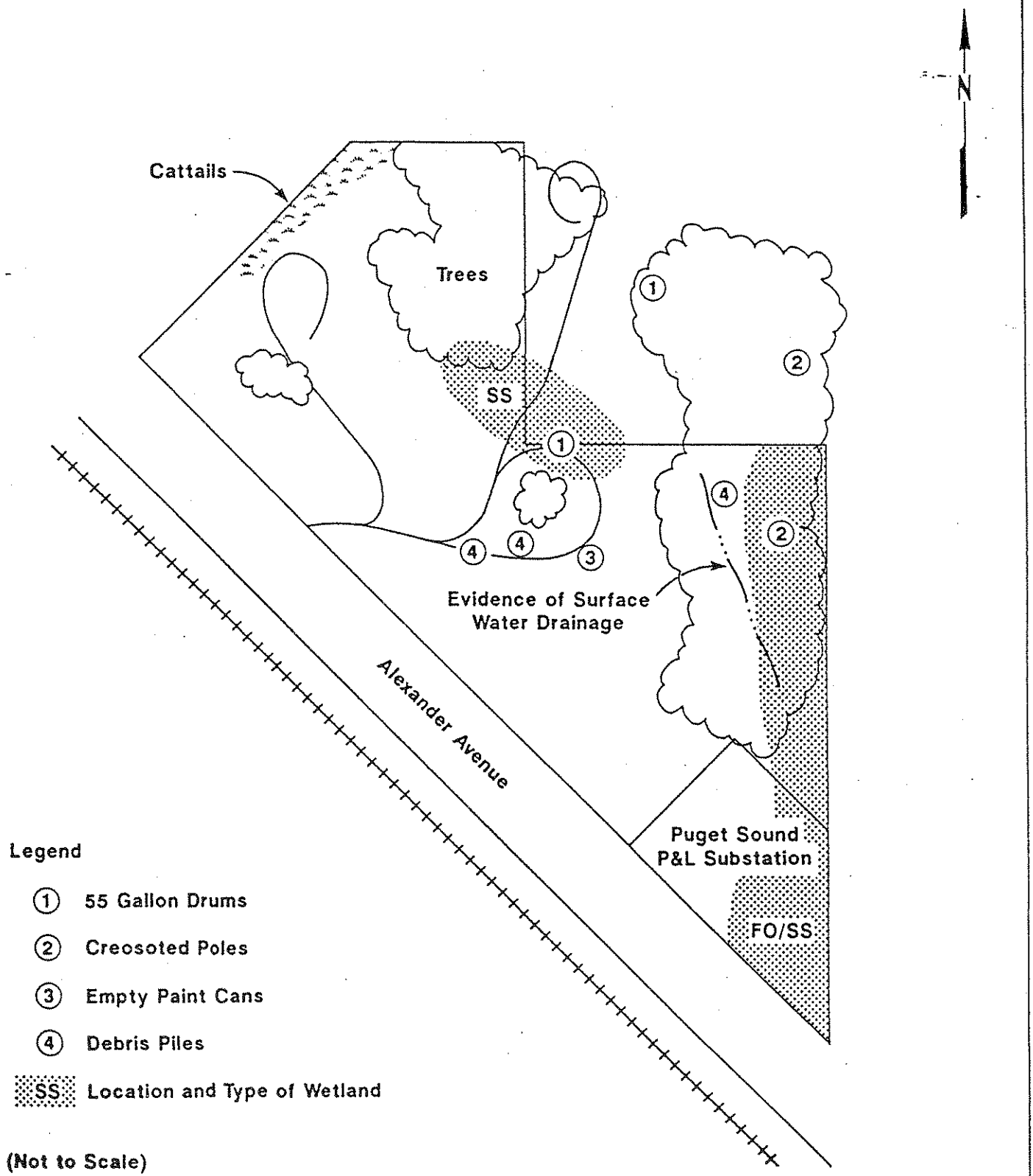
J-1615-04 May 1986
HART-CROWSER & associates inc.
Figure 1

REPORT
PRELIMINARY SITE ASSESSMENT
PROPOSED COGENERATION PLANT SITE
CITY OF TACOMA PROPERTY
TACOMA, WASHINGTON

For

SITHE ENERGY
JOB NO. 21141-001-020
August 20, 1990

DAMES & MOORE



Source: Site Observations

Figure 2
Site Plan
Dames & Moore

Job No. 4114-001-020

DCN: TZ4-R10011-RN-01881

RCRA FACILITY ASSESSMENT PR/VSI REPORT

CHEMICAL PROCESSORS, INC.
EPA I.D. NO. WAD020257945

NORTHWEST PROCESSING, INC.
EPA I.D. NO. WAD980738512

SOL-PRO, INC.
EPA I.D. NO. WAD981769110

CHEMICAL PROCESSORS, PARCEL A
EPA I.D. NO. UNASSIGNED

Tacoma, Washington

Prepared for:

U.S. Environmental Protection Agency
1200 Sixth Avenue
Seattle, Washington 98101

Prepared by:

Science Applications International Corporation
626 Columbia Street N.W., Suite 1-C
Olympia, Washington 98501

and

Science Applications International Corporation
18706 North Creek Parkway, Suite 110
Bothell, Washington 98011

EPA Contract No. 68-W9-0008, WA R10011
SAIC Project No. 6-788-03-821

February 1990

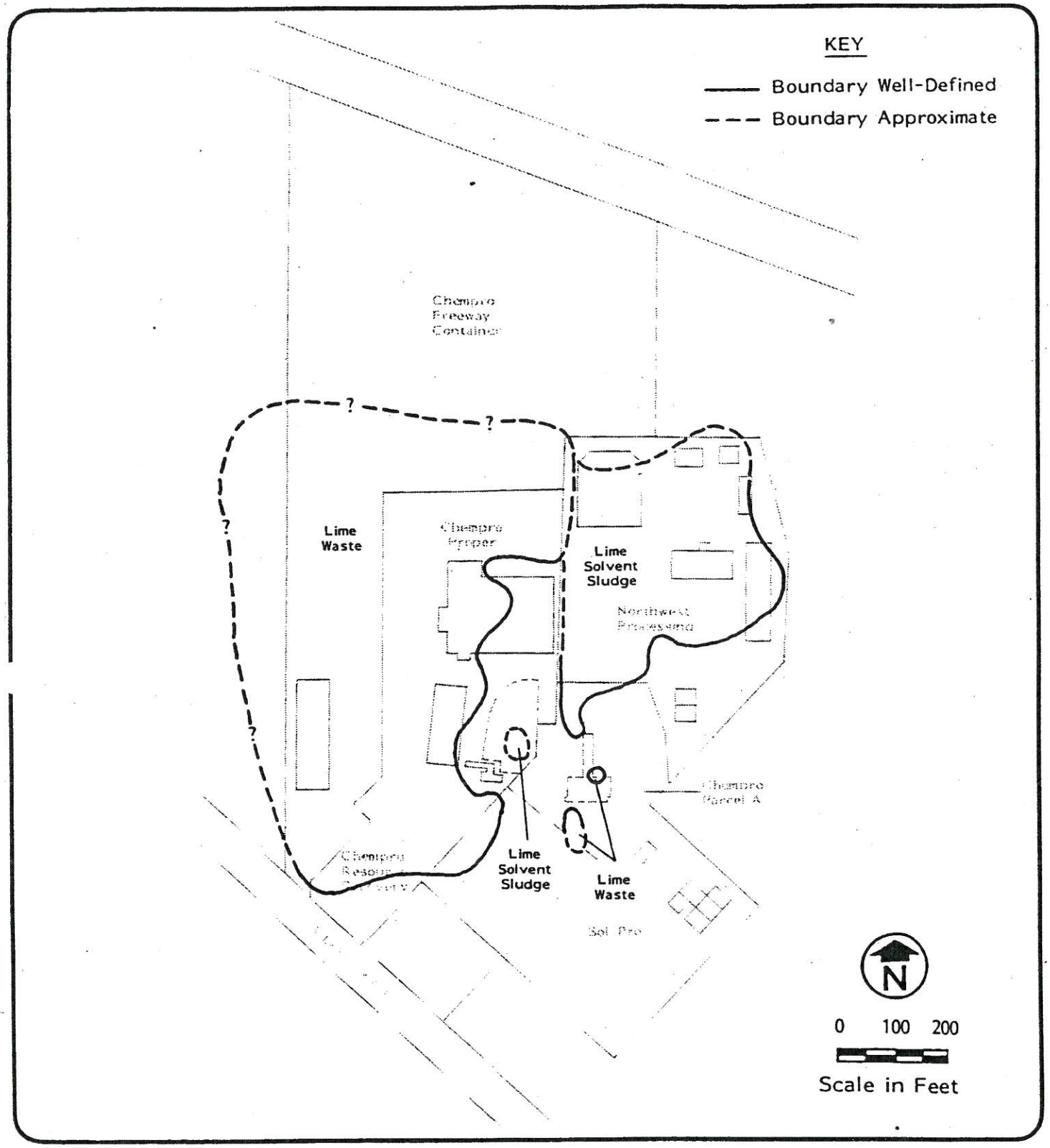


Figure 15

AREAL EXTENT OF LIME WASTE FILL

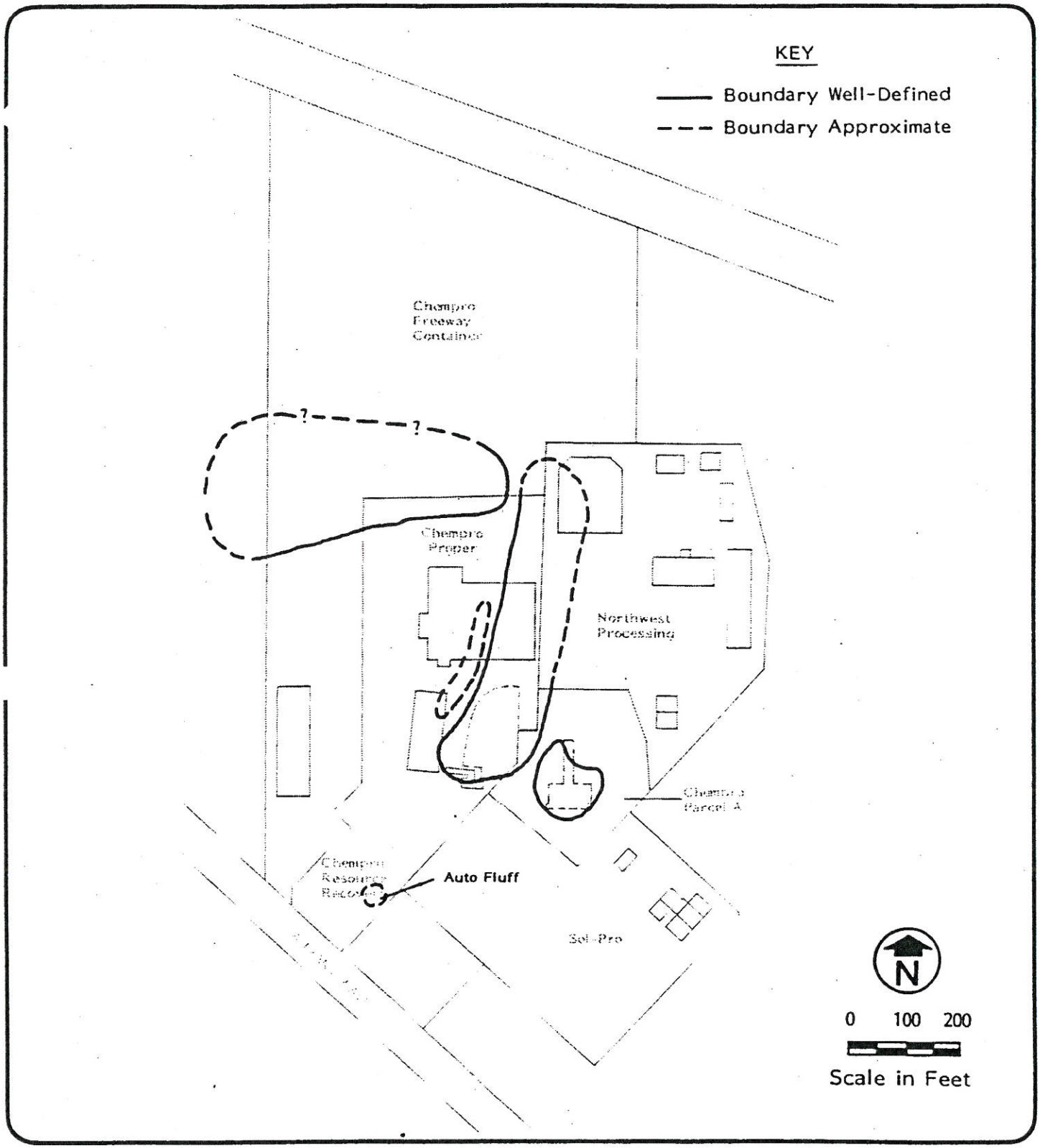


Figure 16

AREAL EXTENT OF AUTO FLUFF FILL

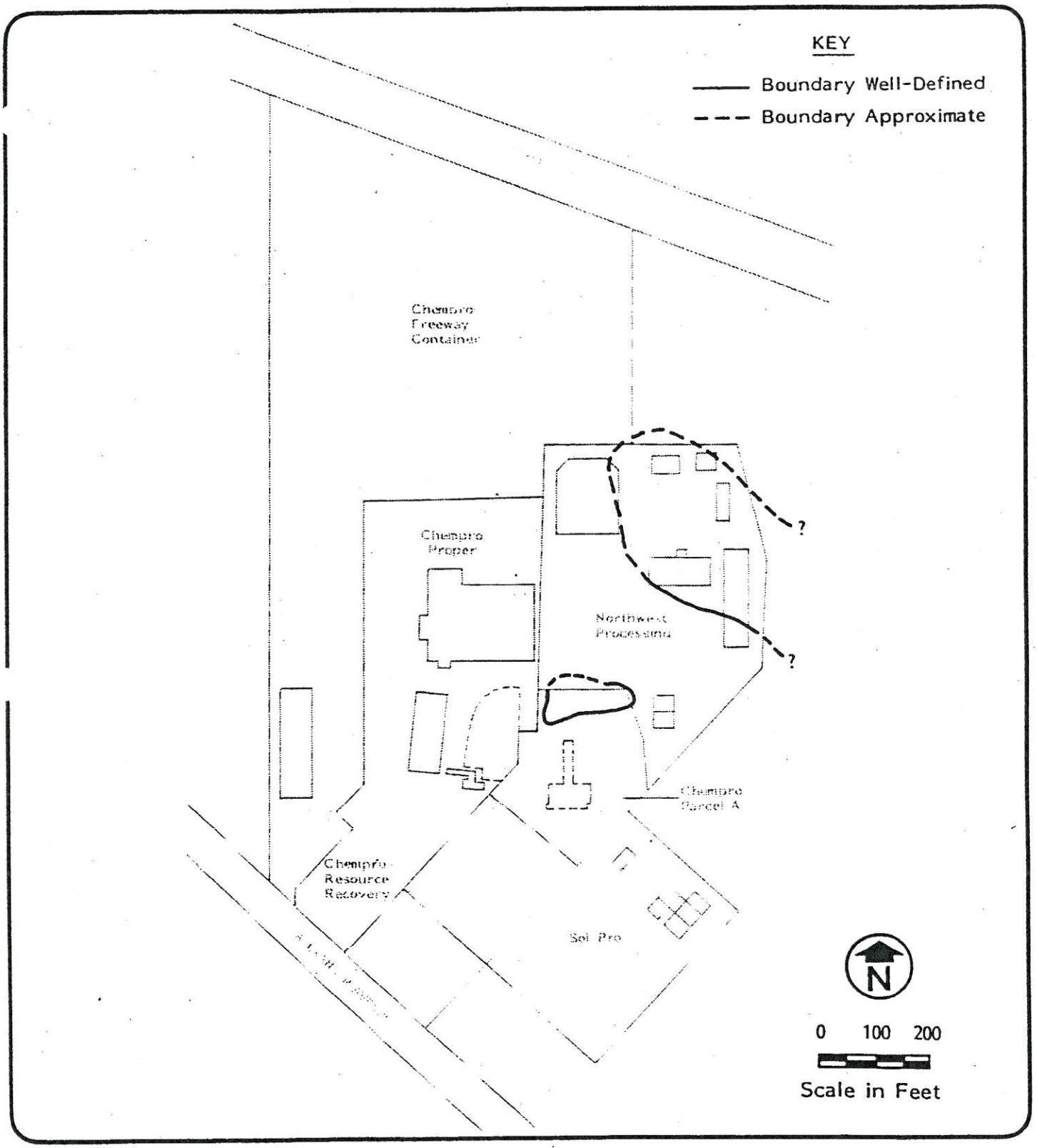


Figure 17

AREAL EXTENT OF WOOD WASTE FILL

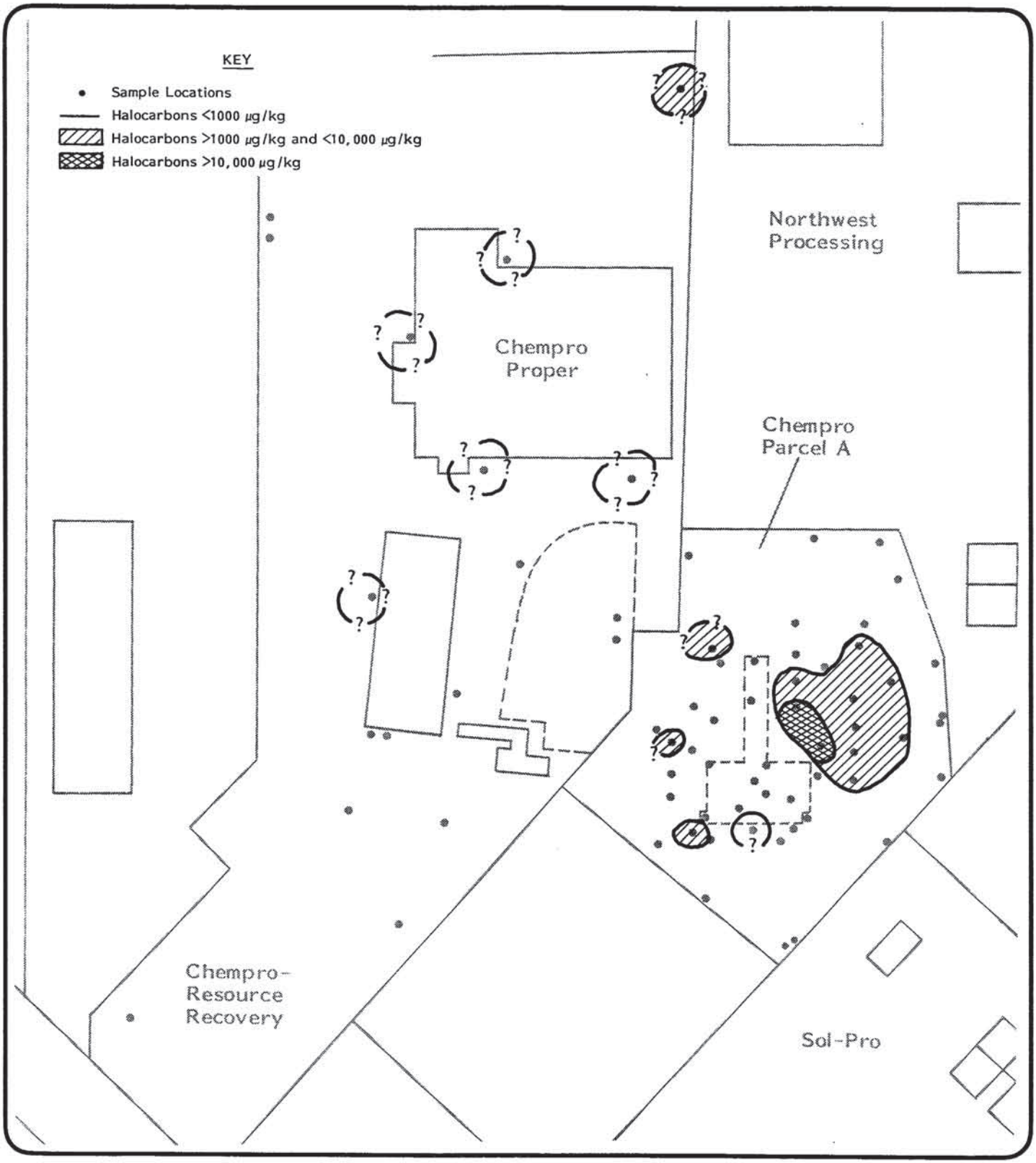


Figure 23

CONCENTRATIONS OF HALOCARBONS IN SOIL

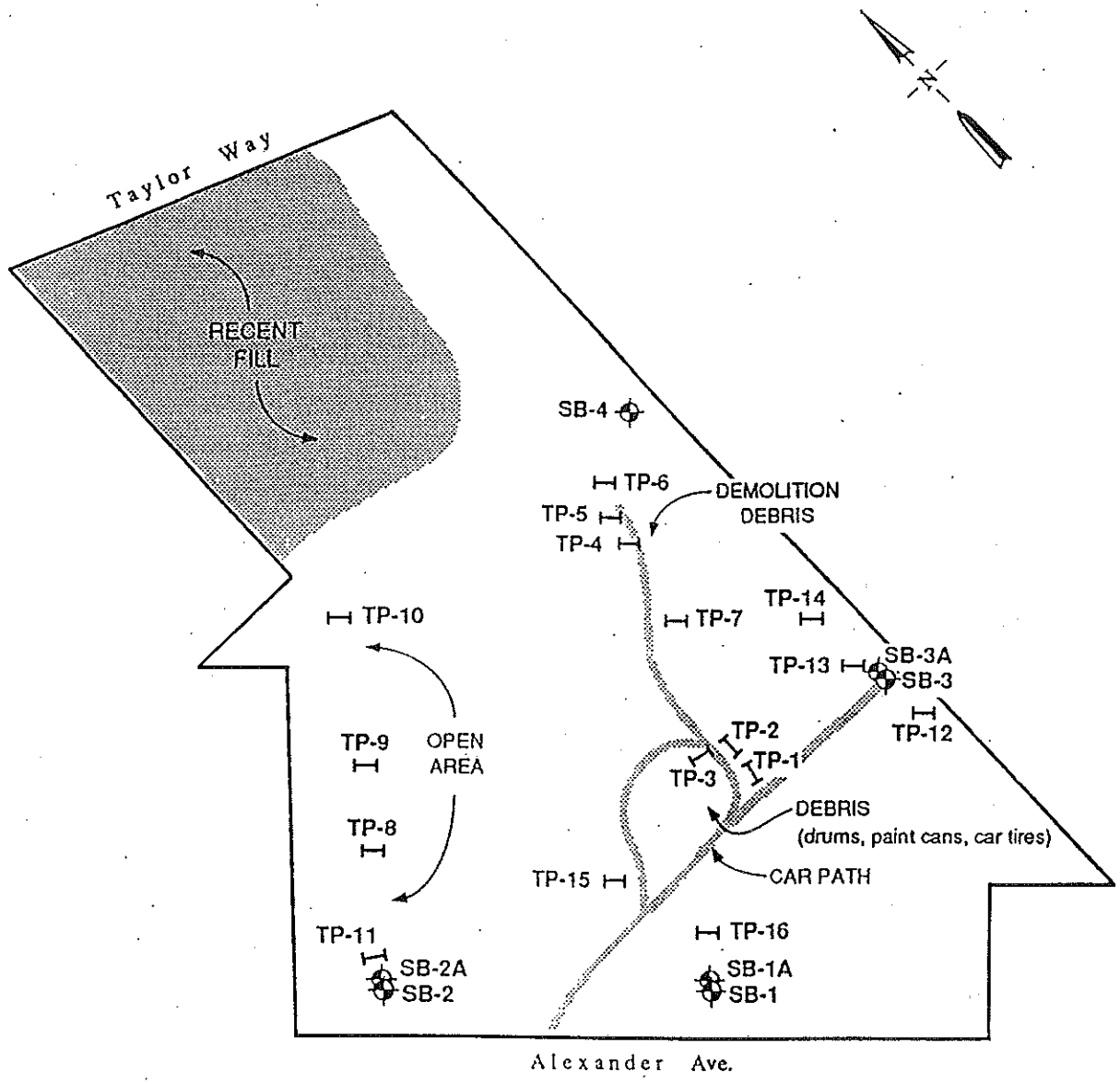
REPORT

TACOMA COGENERATION PROJECT PHASE 2 SITE ASSESSMENT

Prepared for
Sithe Energies, U.S.A., Inc.
Western Division
San Diego, California
May 1991

Woodward-Clyde

Suite 3440
Bank of California Center
900 Fourth Avenue
Seattle, Washington 98164



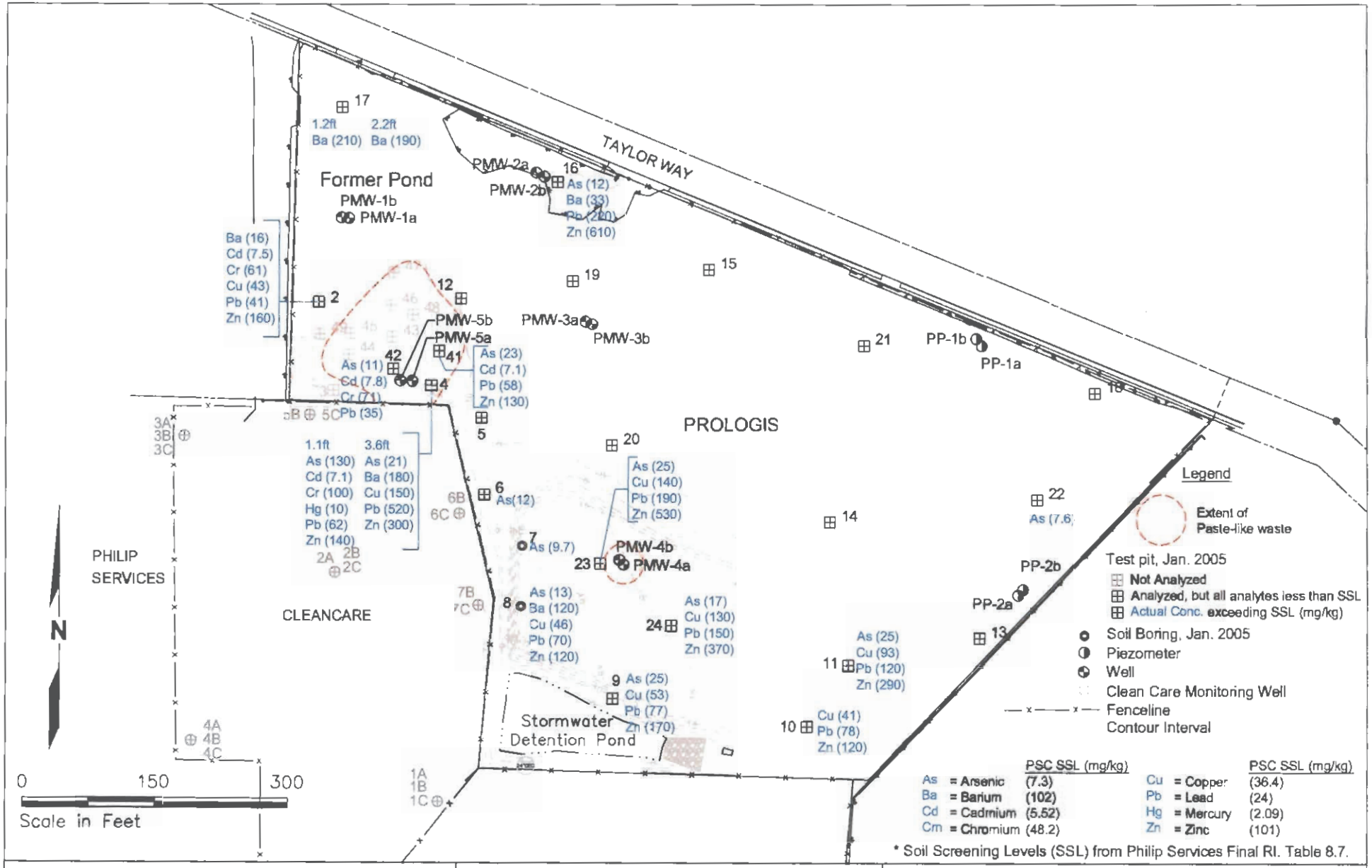
KEY TO SYMBOLS

- Monitoring well location
- Test pit location

0 200 400

SCALE IN FEET

Project No. 91C0191A	Sithe Energies, U.S.A., Inc. Tacoma Cogeneration Project	MONITORING WELL AND TEST PIT LOCATION MAP	Figure 2-4
Woodward-Clyde Consultants			



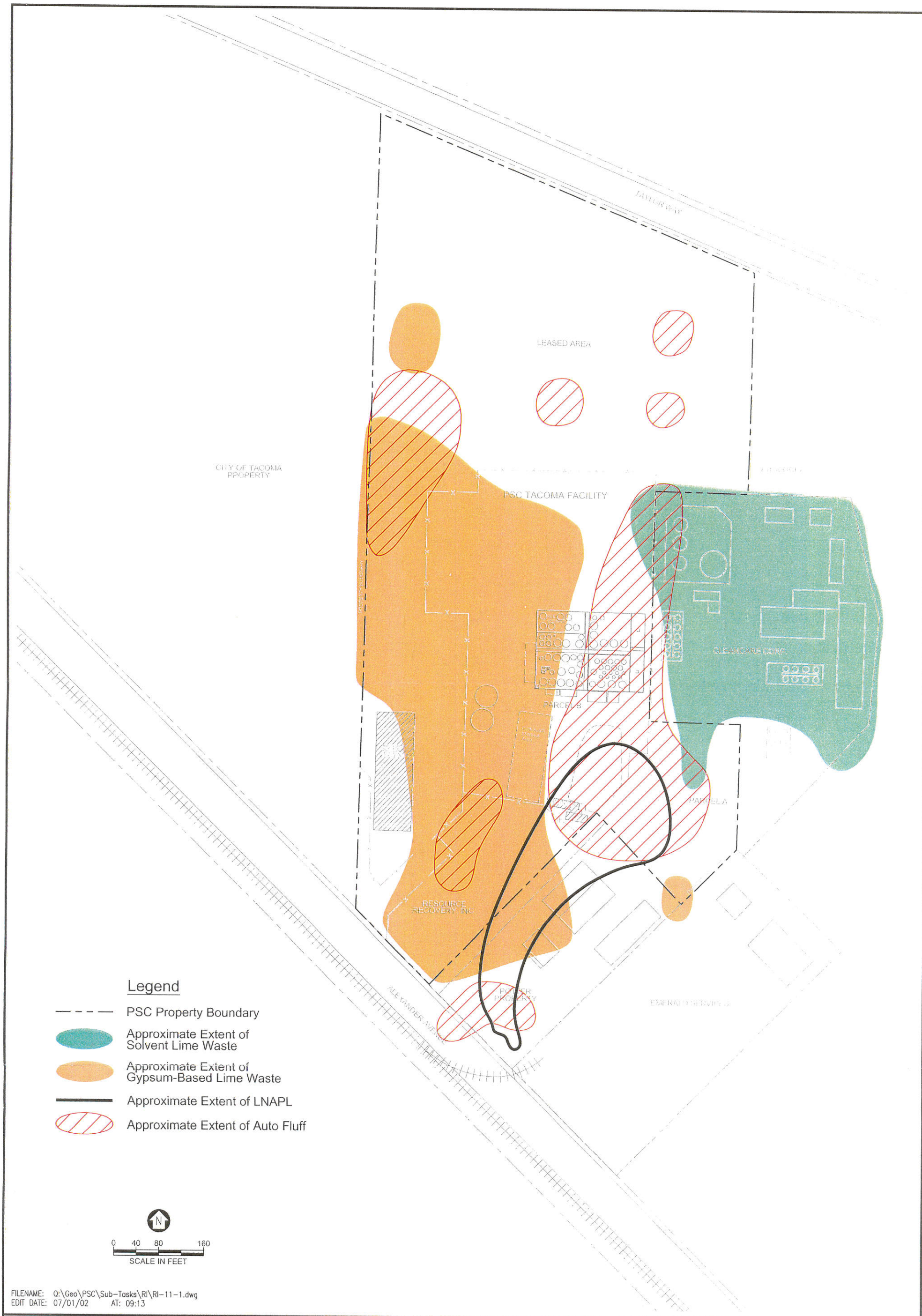
FLOYD | SNIDER
strategy • science • engineering

ProLogis Taylor Way Property
Remedial Investigation
Tacoma, Washington

Figure 3.11

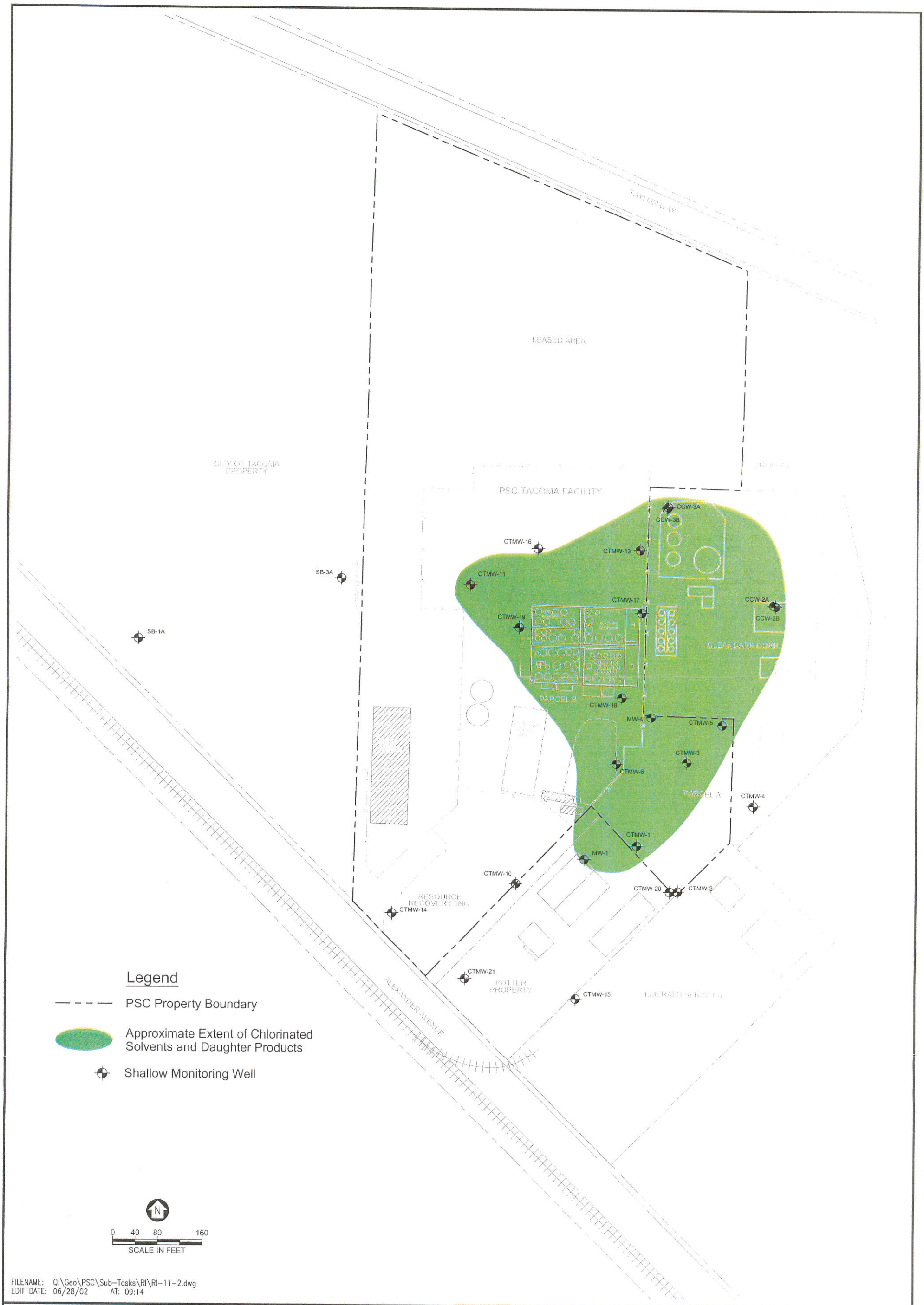
Metals Exceeding Soil Screening Levels

DATE: 08/28/08 11:15am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigationFigures\tayRem011 (Fig 3_11).dwg



FILENAME: Q:\Geo\PSC\Sub-Tasks\RI\RI-11-1.dwg
EDIT DATE: 07/01/02 AT: 09:13

PSC	TITLE: Approximate Extent of Waste Types	DWN:	DES:	PROJECT NO:
		CHKD:	APPD:	FIGURE NO: 11-1
		DATE:	REV:	



FILENAME: Q:\Geo\PSC\Sub-Tasks\RI\RI-11-2.dwg
EDIT DATE: 06/28/02 AT: 09:14

PSC

TITLE:
Approximate Extent of Chlorinated Solvents and Daughter Products

DWN:	DES:	PROJECT NO:
CHKD:	APPD:	
DATE:	REV:	FIGURE NO: 11-2

Taylor Way

SRI-23
PZ-8
SRI-24
SRI-25
PZ-9
PZ-7
City of Tacoma
SRI-19
SRI-20
SRI-21
SRI-22
SRI-15
SRI-2
SRI-14
SRI-1
SRI-18
SRI-13
CTMW-16
CTMW-13
CTMW-11
CTMW-12
SRI-12
SRI-17
CTMW-17
CTMW-17D
Clean Care Corporation
SRI-11
SRI-3
CTMW-18
SRI-10
CTMW-5
SRI-4
SRI-5
CTMW-7
CTMW-6
CTMW-3
GP-1
GP-2
CTMW-9
CTMW-4
Alexander
SRI-9
GP-4
CTMW-1
SRI-7
SRI-7
GP-10
GP-6
GP-7
CTMW-10
CTMW-2
GP-16
GP-12
GP-17
CTMW-14
GP-18
GP-23
Potter Property
GP-24
GP-25
GP-30
Emerald Services
GP-37
GP-31
CTMW-15
GP-32
GP-38
GP-33
GP-39
GP-40
Avenue

Explanation

- Boring, labeled with ID
- Metals
- TPH
- PCBs
- VOCs
- SVOCs
- LNAPL
- Lime Waste Fill
- Wood Waste Fill
- Auto-Fluff Fill
- Parcel Boundary
- Fence
- PSC Tacoma Facility

N

0 25 50 100 Feet

SOIL CONCENTRATIONS ABOVE
PSC TACOMA CLEANUP LEVELS

1701 East Alexander Avenue
PSC Tacoma Facility
Tacoma, Washington

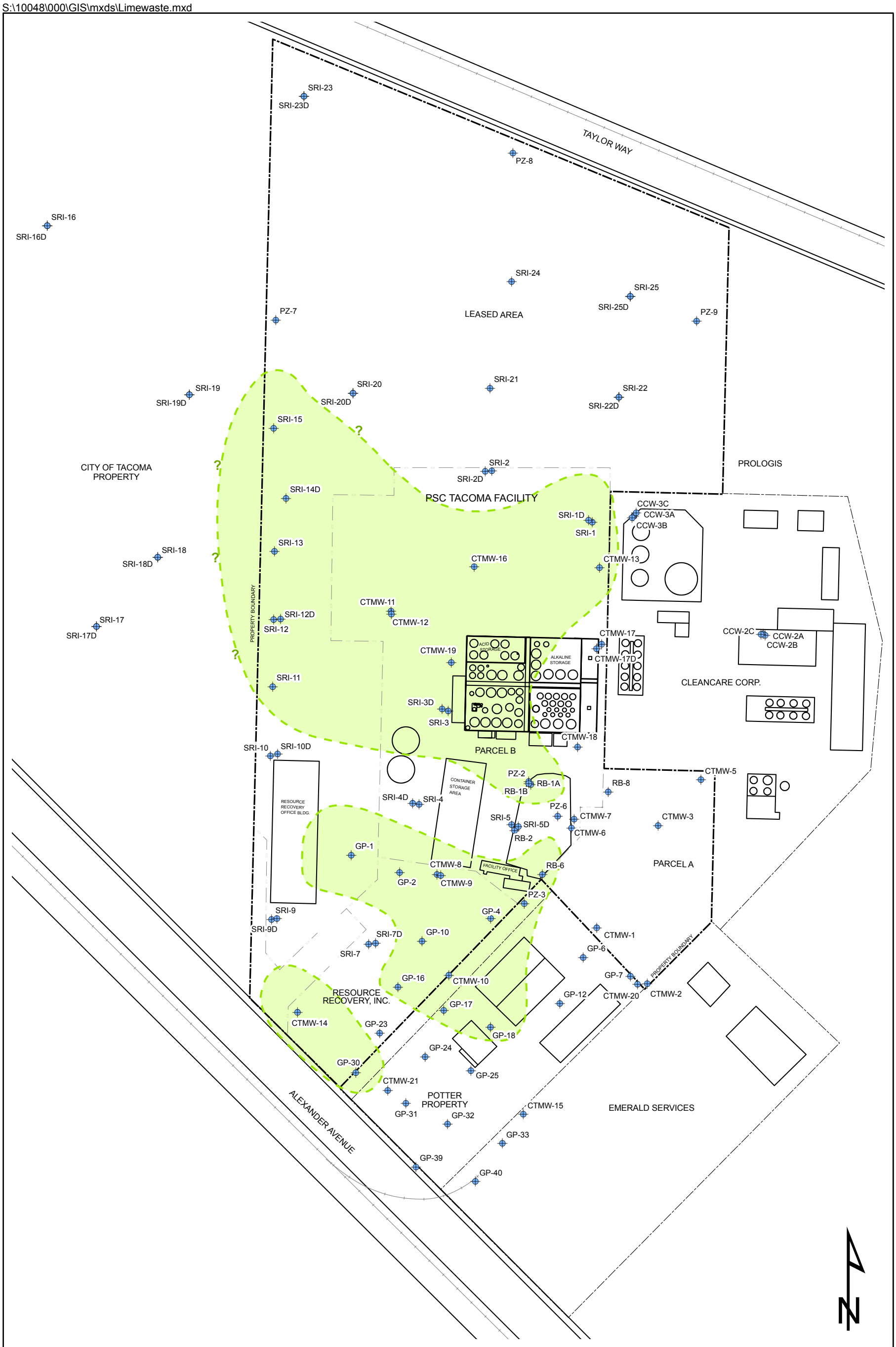
GEOMATRIX

Project No. 10048

Figure 3-2

S:\10048\002\Fig3-2_SoilConcentrations070705.mxd

S:\10048\000\GIS\mxds\Limewaste.mxd



LEGEND

- Boring Locations
- Approximate Area of Lime Waste

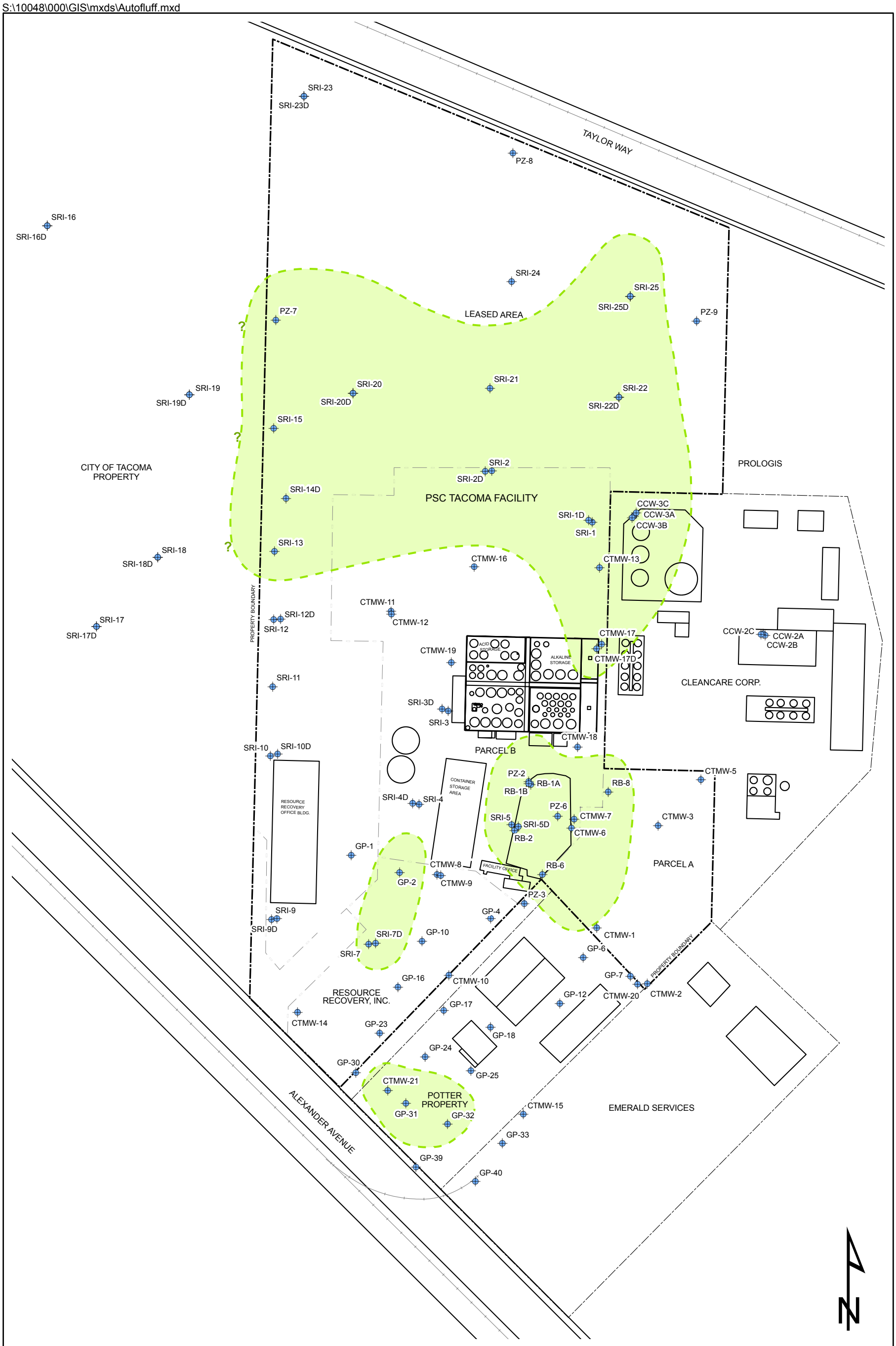
0 35 70 140 Feet

EXTENT OF LIME WASTE FILL
PSC Tacoma Facility
Tacoma, Washington

GEOMATRIX

Project No.	Figure
10048	**3-3**

S:\10048\000\GIS\mxds\Autofluff.mxd



LEGEND

- Boring Locations
- Approximate Area of Autofluff

0 35 70 140 Feet

EXTENT OF AUTO-FLUFF FILL
PSC Tacoma Facility
Tacoma, Washington

GEOMATRIX

Project No.	Figure
10048	**3-4**

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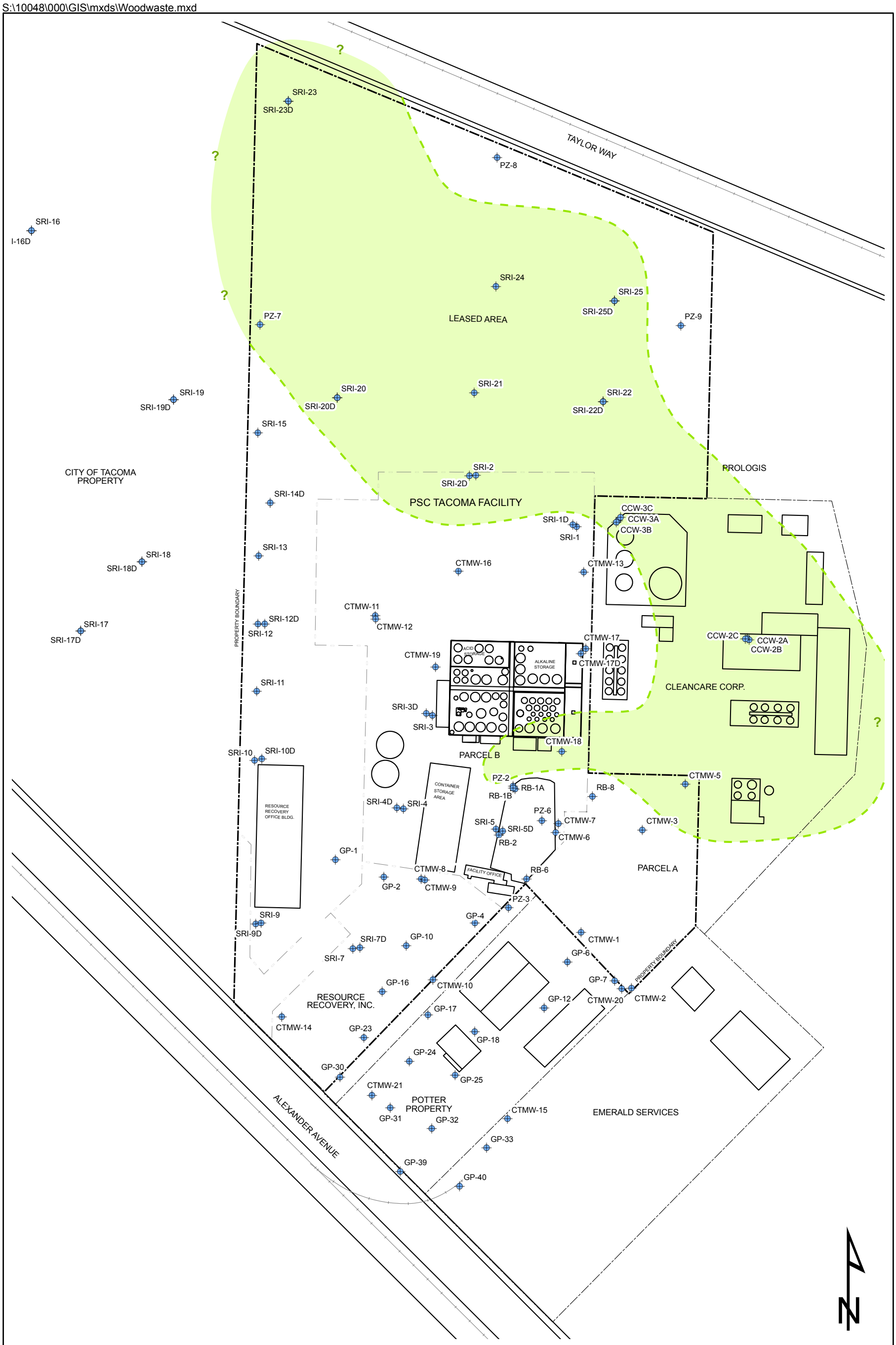


Appendix D
Hydraulic Conductivity and Porosity Results
(2005 PSC Remedial Investigation)

Table 7-3
Hydraulic Conductivity Estimates

Parameter	Hydrogeologic Unit	Boring	Sample / Screen Depth (foot bgs)		Material	Value (cm/s)	Test Type	Analysis Method	Data Source[a]
			Min	Max					
Horizontal hydraulic conductivity	Shallow aquifer	CTMW-1	3.0	10.0	Sands and silts	4.E-04	Field, single-well: slug, rising-head	Hvorslev, 1951	SE/E, Feb 1988
		CTMW-2	2.8	10.1	Sands and silts	6.E-04			
		CTMW-5	3.0	9.4	Sands and silts	3.E-04			
		CTMW-8	3.0	10.0	Lime waste	2.E-04			
		CTMW-10	3.0	10.0	Sands and silts	2.E-04			
		CTMW-11	3.0	10.0	Lime waste	2.E-05			
		CTMW-13	4.0	11.6	Lime waste, auto fluff	3.E-03	Field, single-well: slug, rising-head	Bouwer and Rice, 1976; Bouwer, 1989	SE/E, Aug 1989
		CTMW-14	4.5	9.0	Sands and silts	1.E-05			
		CTMW-15	5.1	7.5	Native sands	9.E-03			
		CTMW-20	5.0	7.0	Sand	1.3E-02	Lab, permeameter: rigid-wall, constant-head	ASTM D-2434	--
	Deep aquifer	CTMW-7	18.5	28.5	Alluvial deposits	>0.01	Field, single-well: slug, rising-head	Hvorslev, 1951	SE/E, Feb 1988
		CTMW-9	18.5	28.5	Alluvial deposits	>0.01			
		CTMW-12	21.5	31.5	Alluvial deposits	>0.01			
Vertical hydraulic conductivity	Shallow aquifer	GP-4	2.0	4.0	Sand	5.1E-05	Lab, permeameter: flexible-wall, falling-head	ASTM D-5084	--
		GP-5	2.0	4.0	Sand	5.7E-05	Lab, permeameter: rigid-wall, constant-head	ASTM D-2434	--
		GP-6	3.0	5.0	Sand	9.7E-05			
		GP-17	2.0	4.0	Silty sand (oily, w/wood debris)	4.5E-07	Lab, permeameter: flexible-wall, falling-head	ASTM D-5084	--
		GP-31	4.0	6.0	Sandy silt, auto fluff	1.0E-06			
		CTMW-19	5.0	7.0	Sand	1.2E-02	Lab, permeameter: rigid-wall, constant-head	ASTM D-2434	--
		CTMW-20	5.0	7.0	Sand	3.6E-02			
		SRI-23S	10.0	13.0	Silty fine sand	1.1E-02	Lab, permeameter: rigid-wall, constant-head	ASTM D-2434	PSC, May 2002

Table 7-3 (Continued)
Hydraulic Conductivity Estimates

Parameter	Hydrogeologic Unit	Boring	Sample / Screen Depth (foot bgs)		Material	Value (cm/s)	Test Type	Analysis Method	Data Source[a]
			Min	Max					
Vertical hydraulic conductivity	Silt Aquitard	PZ-6	3.5	14.5	Sandy silt	1.2E-06	Lab, permeameter: flexible-wall, falling-head	ASTM D-5084	PSC, Oct 1999
		CTMW-17D	9.0	21.5	Clayey silt	3.4E-08	Lab, permeameter: flexible-wall, falling-head	ASTM D-5084	PSC, May 2002
		SRI-23D	18.0	20.0	Sandy silt	8.3E-06	Lab, permeameter: flexible-wall, falling-head	ASTM D-5084	PSC, May 2002
		SRI-23D	20.0	21.0	Clay with pockets of sand	3.7E-06			
		SRI-25S	10.5	11.0	Silty fine sand	5.2E-07			
		SRI-25D	14.0	16.0	Clay	3.3E-07			
		SRI-25D	17.0	19.0	Silt	2.8E-06			
		SRI-32D	17.0	18.5	Very soft silty clay	2.5E-07			
	Deep Aquifer	SRI-23D	25.0	26.5	Medium and fine sand	6.3E-03	Lab, permeameter: rigid-wall, constant-head	ASTM D-2434	PSC, May 2002
		SRI-25D	21.0	22.5	Silty sand	5.1E-03			
		SRI-32D	26.0	27.0	Medium and fine sand	5.1E-02			

[a]If no data source is listed, the data were not previously reported.

Notes:
cm/s - centimeters per second
lab - laboratory
max- maximum
min-minimum

Table 7-4
Summary of Hydraulic Conductivity Estimates

Hydrogeologic Unit	Hydraulic Property	Field (Single-Well) Tests			Laboratory (Pereameter) Tests						All Tests			
		Slug, Rising-Head			Flexible-Wall, Falling-Head			Rigid-Wall, Constant-Head						
		No.	Min	Max	No.	Min	Max	No.	Min	Max	No.	Min	Max	Mean
Shallow aquifer	K_h	9	1.0E-05	9.0E-03	0	--	--	1	1.3E-02	1.3E-02	10	1.0E-05	1.3E-02	4.0E-04
	K_v	0	--	--	3	4.5E-07	5.1E-05	5	5.7E-05	3.6E-02	8	4.5E-07	3.6E-02	1.6E-04
Silt aquitard	K_h	0	--	--	0	--	--	0	--	--	0	--	--	--
	K_v	0	--	--	8	3.4E-08	8.3E-06	0	--	--	8	3.4E-08	8.3E-06	7.9E-07
Deep aquifer	K_h	3	>1E-2	--	0	--	--	0	--	--	3	>1E-2	--	>1E-2
	K_v	0	--	--	0	--	--	3	5.1E-03	5.1E-02	3	5.1E-03	5.1E-02	1.3E-02

Notes:

1. K_h and K_v denote horizontal and vertical hydraulic conductivity, respectively.
2. The units for all hydraulic conductivity estimates are centimeter per second (cm/s).

Table 7-5
Porosity Estimates

Parameter	Hydrogeologic Unit	Boring	Sample / Screen Depth (foot bgs) Min	Max	Material	Value	Test Type	Data Source[a]
Volumetric porosity	Shallow aquifer	CTMW-19	5.0	7.0	Sand	0.45	Calculated from void-ratio estimates	--
		CTMW-20	5.0	7.0	Sand	0.52		
		CTMW-20	5.0	7.0	Sand	0.49		
		RB-1b	4.5	6.0	Lime waste	0.51	--	BEI, Jul 1994
		RB-4	6.5	8.0	Sand	0.31		
		RB-5	6.5	8.0	Auto fluff/fill	0.42		
		GP-4	2.0	4.0	Sand	0.31	Lab, permeameter: flexible-wall	--
		GP-5	2.0	4.0	Sand	0.41	Lab, permeameter: rigid-wall	--
		GP-6	3.0	5.0	Sand	0.41		
		GP-17	2.0	4.0	Silty sand (oily, w/wood debris)	0.35	Lab, permeameter: flexible-wall	--
		GP-31	4.0	6.0	Sandy silt, auto fluff	0.45		
		SRI-23S	10.0	13.0	Silty fine sand	0.49	Lab, permeameter: rigid-wall	PSC, May 2002
	Silt aquitard	PZ-6	3.5	14.5	Sandy silt	0.66	Lab, permeameter: flexible-wall	PSC, Oct 1999
		CTMW-17D	9.0	21.5	Clayey silt	0.57	Lab, permeameter: flexible-wall	PSC, May 2002
		SRI-23D	18.0	20.0	Sandy silt	0.46	Lab, permeameter: flexible-wall	PSC, May 2002
		SRI-23D	20.0	21.0	Clay with pockets of sand	0.52		
		SRI-25S	10.5	11.0	Silty fine sand	0.62		
		SRI-25D	14.0	16.0	Clay	0.51		
		SRI-25D	17.0	19.0	Silt	0.45		
		SRI-32D	17.0	18.5	Very soft silty clay	0.42		
	Deep aquifer	SRI-23D	25.0	26.5	Medium and fine sand	0.48	Lab, permeameter: rigid-wall, constant-head	PSC, May 2002
		SRI-25D	21.0	22.5	Silty sand	0.37		
		SRI-32D	26.0	27.0	Medium and fine sand	0.44		
Effective (drainable) porosity	Shallow aquifer	RB-1b	4.5	6.0	Lime waste	0.21	--	BEI, Jul 1994
		RB-4	6.5	8.0	Sand	0.18		
		RB-5	6.5	8.0	Auto fluff/fill	0.16		
	Silt aquitard	PZ-6	3.5	14.5	Sandy silt	0.30	Lab, permeameter: flexible-wall	PSC, Oct 1999

[a]If no data source is listed, the data were not previously reported.

Notes:
bgs - below ground surface
max - maximum
min - minimum

Table 7-6
Summary of Porosity Estimates

Hydrogeologic Unit	Summary Statistics			
	Number	Minimum	Maximum	Arithmetic Mean
Shallow aquifer	12	0.31	0.52	0.43
Silt aquitard	8	0.42	0.66	0.53
Deep aquifer	3	0.37	0.48	0.43

TABLE 7-9

1999 TIDAL STUDY RESULTS (USED IN FIGURE 7-2b)

PSC Tacoma Facility
Tacoma, Washington

Well ID	Screened Hydrogeol. Unit	Horizontal Coordinate (feet)		Water Level (feet)			
		Easting	Northing	t_{plot} = 9/15/99 20:00 Higher-High	t_{plot} = 9/15/99 23:30 Falling	t_{plot} = 9/16/99 3:00 Lower-Low	t_{plot} = 9/16/99 7:00 Rising
CCW-2b	Shallow Aquifer	NA	NA				
CTMW-1	Shallow Aquifer	1170995.2	712038.3	7.65	7.64	7.63	7.62
CTMW-5	Shallow Aquifer	1171148.9	712256.7	7.76	7.76	7.75	7.75
CTMW-8	Shallow Aquifer	1170759.6	712116.9	7.38	7.36	7.36	7.35
CTMW-14	Shallow Aquifer	1170554.1	711913.7	4.22	4.22	4.21	4.21
CTMW-17	Shallow Aquifer	1171002.2	712457.2	8.20	8.18	8.16	8.14
CTMW-18	Shallow Aquifer	1170966.9	712304.8	8.77	8.76	8.75	8.74

1. Horizontal Coordinates are from Table 4-5

TABLE 7-10

ESTIMATED VERTICAL SEEPAGE VELOCITIES IN THE SILT AQUITARD

PSC Tacoma Facility
Tacoma, Washington

Well		CTMW-6	CTMW-7	CTMW-8	CTMW-9	CTMW-11	CTMW-12	CTMW-17	CTMW-17D
Aquifer		Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Period		Mar 1992 - Dec 2001		Feb 1992 - Dec 2001		Feb 1992 - Dec 2001		Feb 2001 - Dec 2001	
Number of Events		81		89		83		6	
Water Level (feet)	Min	7.81	-0.03	6.94	1.19	6.83	1.28	8.22	1.89
	Max	12.21	4.18	10.78	3.75	12.91	3.84	12.26	4.33
	Std Dev	1.06	0.73	1.06	0.63	1.59	0.56	1.37	0.92
Water-Level Difference (feet)	Min	6.13		5.28		4.45		4.95	
	Max	10.28		7.55		10.19		8.58	
	Mean	7.49		6.47		7.11		7.26	
Aquitard Thickness (feet)		1.0		4.5		5.5		6.0	
Vertical Hydraulic Gradient	Min	6.1		1.2		0.81		0.8	
	Max	10.3		1.7		1.9		1.4	
	Mean	7.5		1.4		1.3		1.2	
Vertical Hydraulic Conductivity (cm/s)		1.2E-06		1.2E-06		3.4E-08		3.4E-08	
Vertical Seepage Velocity (feet/year)	Min	-3.6E+01		-6.9E+00		-1.4E-01		-1.4E-01	
	Max	-6.1E+01		-9.9E+00		-3.1E-01		-2.4E-01	
	Mean	-4.4E+01		-8.5E+00		-2.2E-01		-2.0E-01	
Cross-Aquitard Travel Time	Min	6.0 days		166 days		18 years		25 years	
	Max	10 days		237 days		41 years		43 years	

1. Vertical datum for water level is NGVD 1929.
2. Water-level difference is water level at shallow-aquifer well minus simultaneous level at corresponding deep-aquifer well.
3. Estimates listed here assume aquitard effective porosity is approximately 0.30.
4. Negative values of specific discharge and seepage velocity indicate downward flow.
5. cm/s - centimeter per second
6. max - maximum
7. min - minimum
8. Std Dev - standard deviation

TABLE 7- 11

ESTIMATED HORIZONTAL HYDRAULIC GRADIENTS AND SEEPAGE VELOCITIES IN THE SHALLOW AQUIFER BENEATH THE PSC TACOMA PROPERTY, 1998-2001

PSC Tacoma Facility
Tacoma, Washington

Year	Month	Day	Maximum		Minimum	
			Hydraulic Gradient	Seepage Velocity[a] (foot/year)	Hydraulic Gradient	Seepage Velocity[a] (foot/year)
1998	Mar	23	0.016	34	0.0045	9.3
	Jun	22	0.016	32	0.0061	13
	Sep	21	0.014	29	0.0061	13
	Dec	14	0.018	38	0.0063	13
1999	Mar	22	0.018	37	0.0055	11
	Jun	21	0.023	47	0.0054	11
	Sep	20	0.027	55	0.0071	15
	Dec	13	0.018	37	0.0027	5.5
2000	Mar	21	0.018	38	0.0036	7.4
	Jun	21	0.020	41	0.0031	6.3
	Sep	18	0.016	32	0.0026	5.4
	Dec	12	0.086	177	0.0046	10
2001	Mar	19	0.078	161	0.0027	5.6
	Jun	18, 19	0.019	40	0.0052	11
	Sep	10	0.010	21	0.0057	12
	Dec	17	0.016	33	0.0042	8.7

1. [a]Seepage velocity estimates are based on the following assumed values: horizontal hydraulic conductivity = 4.20E-04 cm/s and effective (kinematic) porosity = 0.21.

TABLE 7-12

SCREENING OF LONG-TERM MONITORING DATA FOR DEEP-AQUIFER GRADIENT ESTIMATION

PSC Tacoma Facility

Tacoma, Washington

Event Date	Time of Measurement			Depth to Water			Criterion Violated	
	CTMW-7	CTMW-9	CTMW-12	CTMW-7	CTMW-9	CTMW-12	Simultaneity	Correlation
05/20/92	M	M	M				X	
06/17/92	M	M	M				X	
07/17/92	M	M	M				X	
08/27/92	M	M	M				X	
11/30/92	M	M	M				X	
12/21/92	M	M	M				X	
06/09/93	M	M	M	A			X	X
04/19/94	M						X	
01/19/96						A		
02/16/96						A		X
03/21/97							X	
11/14/97							X	
03/23/98				A			X	X
12/14/98						A		X
12/13/99							X	
09/18/00						A		X
06/17/01						A		X
09/10/01				A				X
12/17/01							X	

1. A - anomalous data
2. M - missing data (value unknown)

TABLE 7-13

SUMMARY OF DEEP-AQUIFER HORIZONTAL HYDRAULIC GRADIENT ESTIMATES

PSC Tacoma Facility
Tacoma, Washington

Description		Monitoring Results			
		Long-Term			
		March Only	All But March	All	Short-Term
Measurement times	Minimum	24 Mar 1992	18 Feb 1992	18 Feb 1992	07 Mar 2001
	Maximum	19 Mar 2001	18 Apr 2001	18 Apr 2001	16 Mar 2001
	Range	9 years	9 years	9 years	216 hours
	Number	7	58	65	2,157
Measurement intervals	Minimum	12 mo	1 mo	1 mo	6 min
	Maximum	36 mo	6 mo	6 mo	6 min
Azimuth (degree)	Minimum	76	5	5	83
	Maximum	241	325	325	238
	Range	165	320	320	155
	Mode(s)	45-90, 225-270	45-90, 225-270	45-90, 225-270	90-135, 180-225
Magnitude	Minimum	3.3E-04	6.2E-05	6.2E-05	1.4E-04
	Maximum	5.0E-03	7.3E-03	7.3E-03	1.2E-03
	Range	4.7E-03	7.3E-03	7.3E-03	1.1E-03
	Mode(s)	5E-04 - 1E-03	0 - 5E-04	0 - 5E-04	0 - 5E-04
Average horizontal gradient	X component	8.1E-04	3.4E-04	3.9E-04	2.7E-04
	Y component	-1.4E-05	2.1E-05	1.7E-05	-1.5E-04
	Azimuth (degree)	91	86	87	119
	Magnitude	8.1E-04	3.4E-04	3.9E-04	3.1E-04

Appendix E
Historical Groundwater Elevation Maps

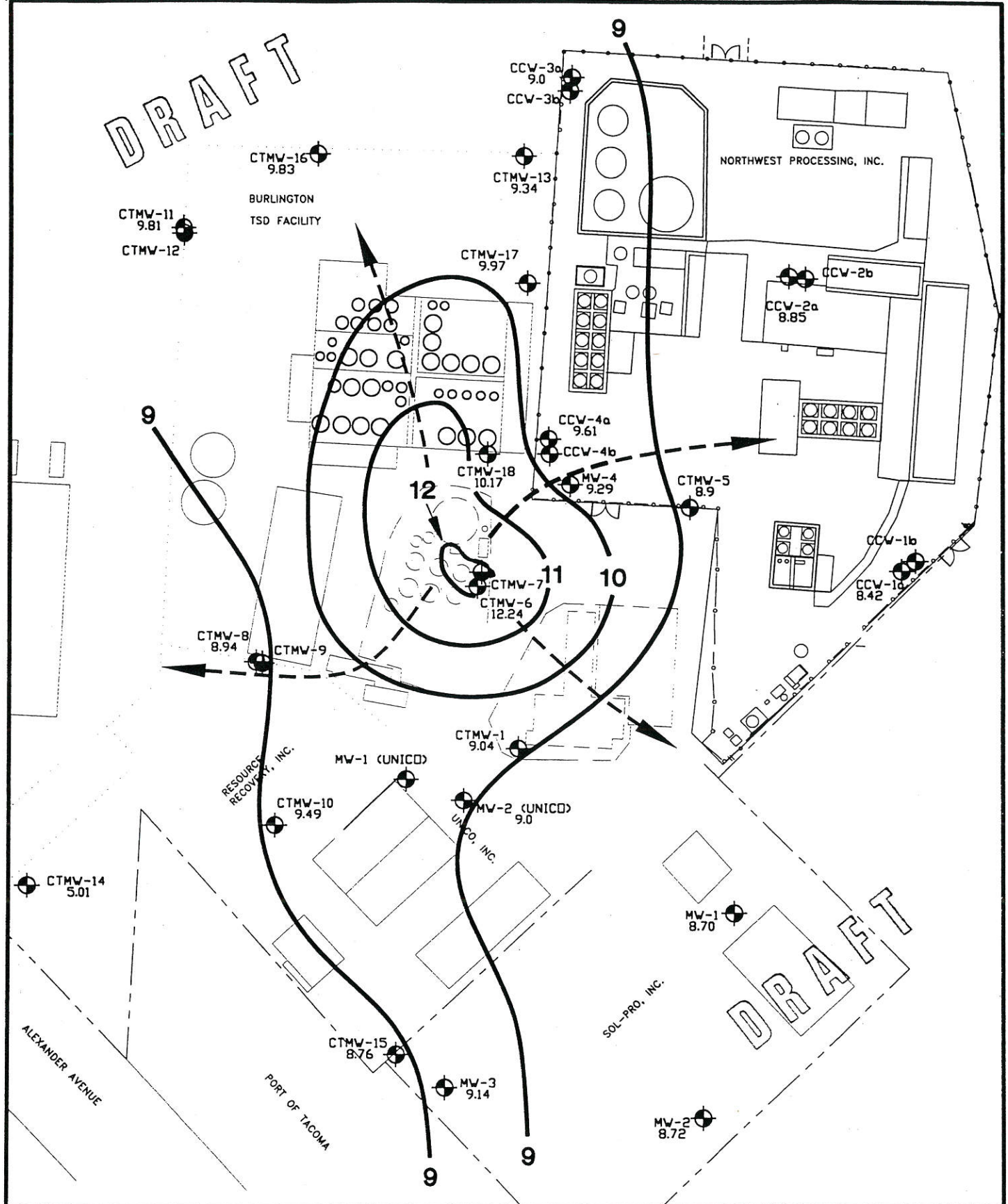


FIGURE 4
Groundwater Elevations
May 13, 1994

Cleancare Corporation

Pacific Groundwater Group

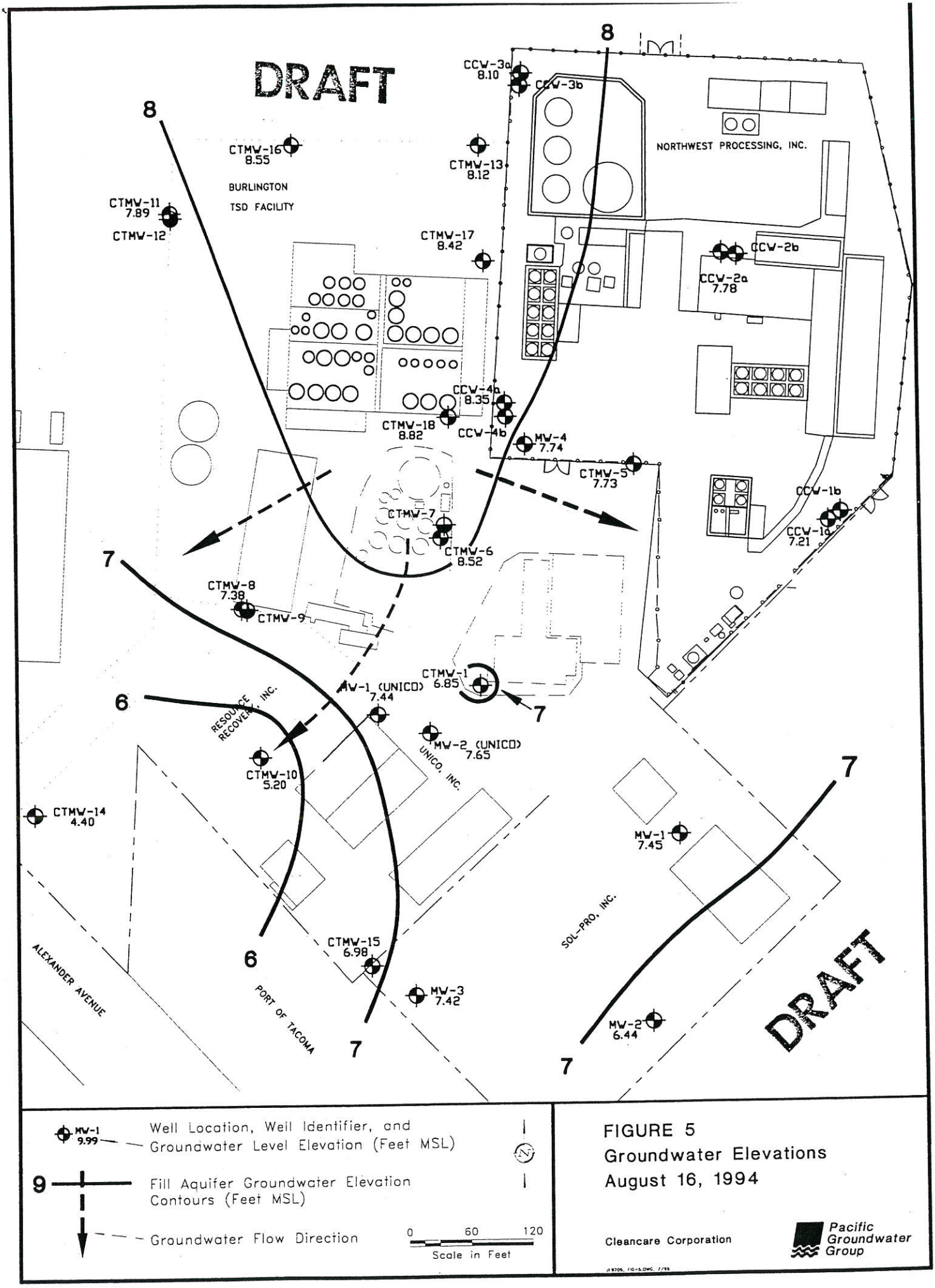


FIGURE 5
Groundwater Elevations
August 16, 1994

Cleancare Corporation

Pacific Groundwater Group

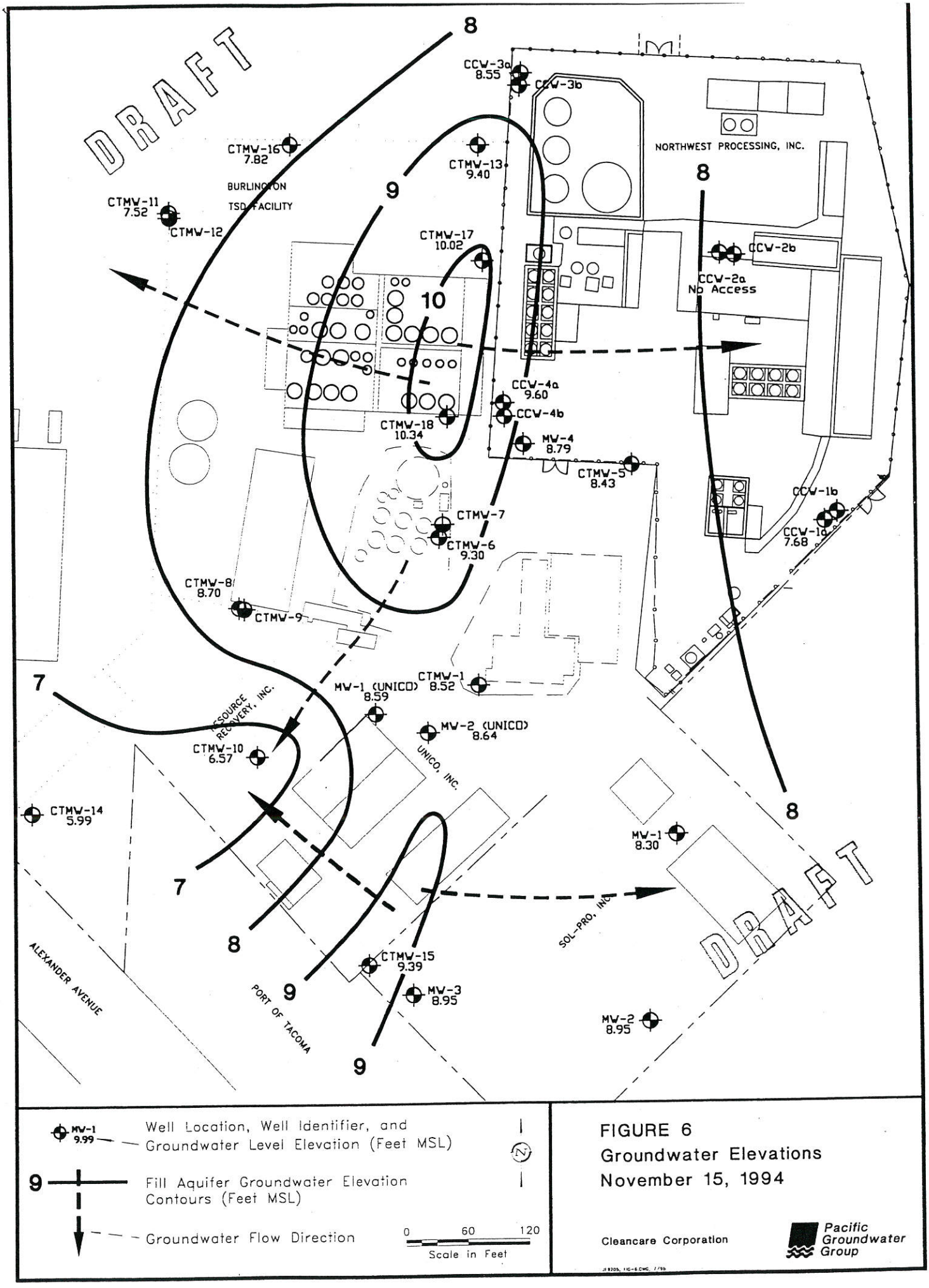


FIGURE 6
Groundwater Elevations
November 15, 1994

Cleancare Corporation

Pacific Groundwater Group

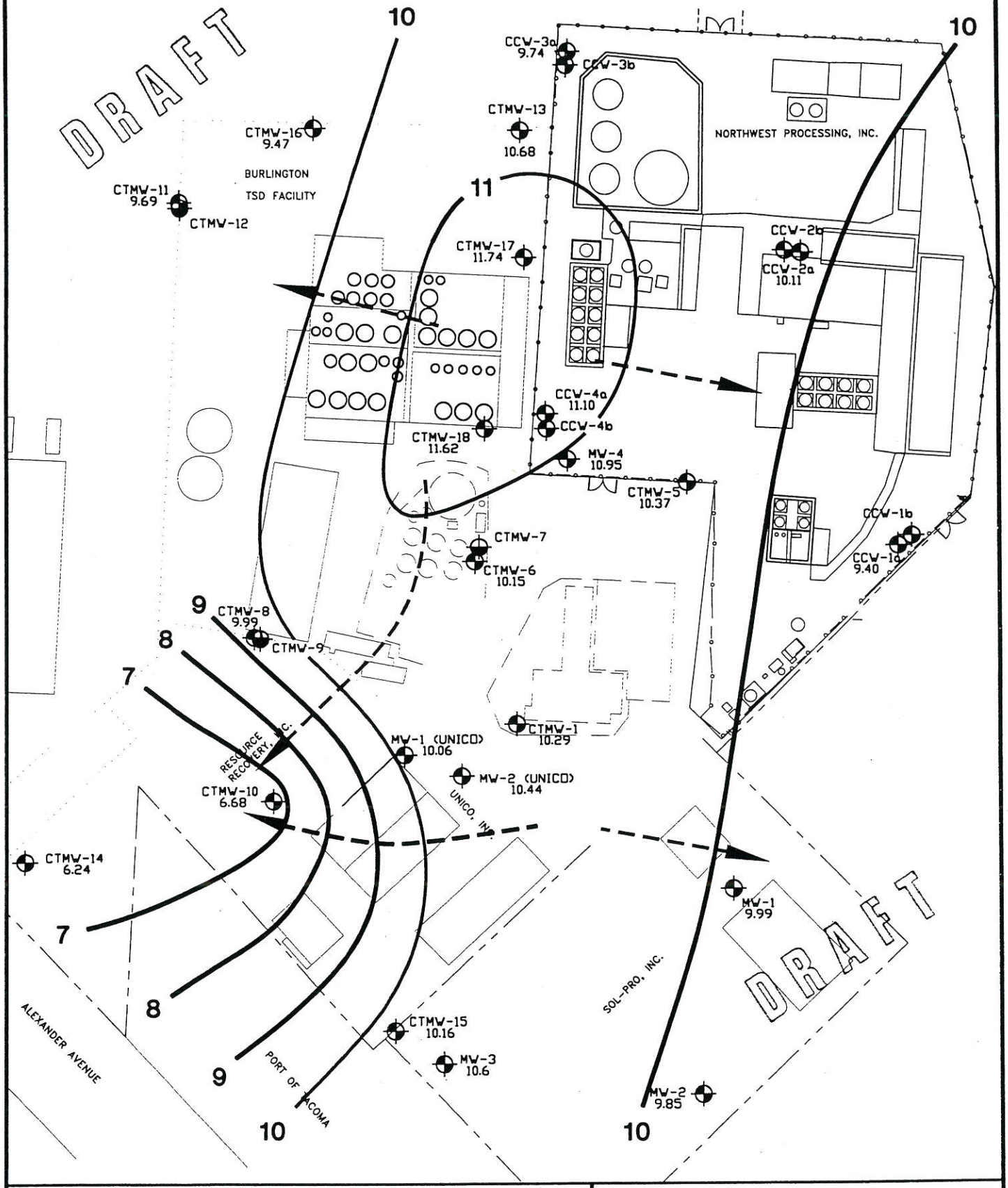
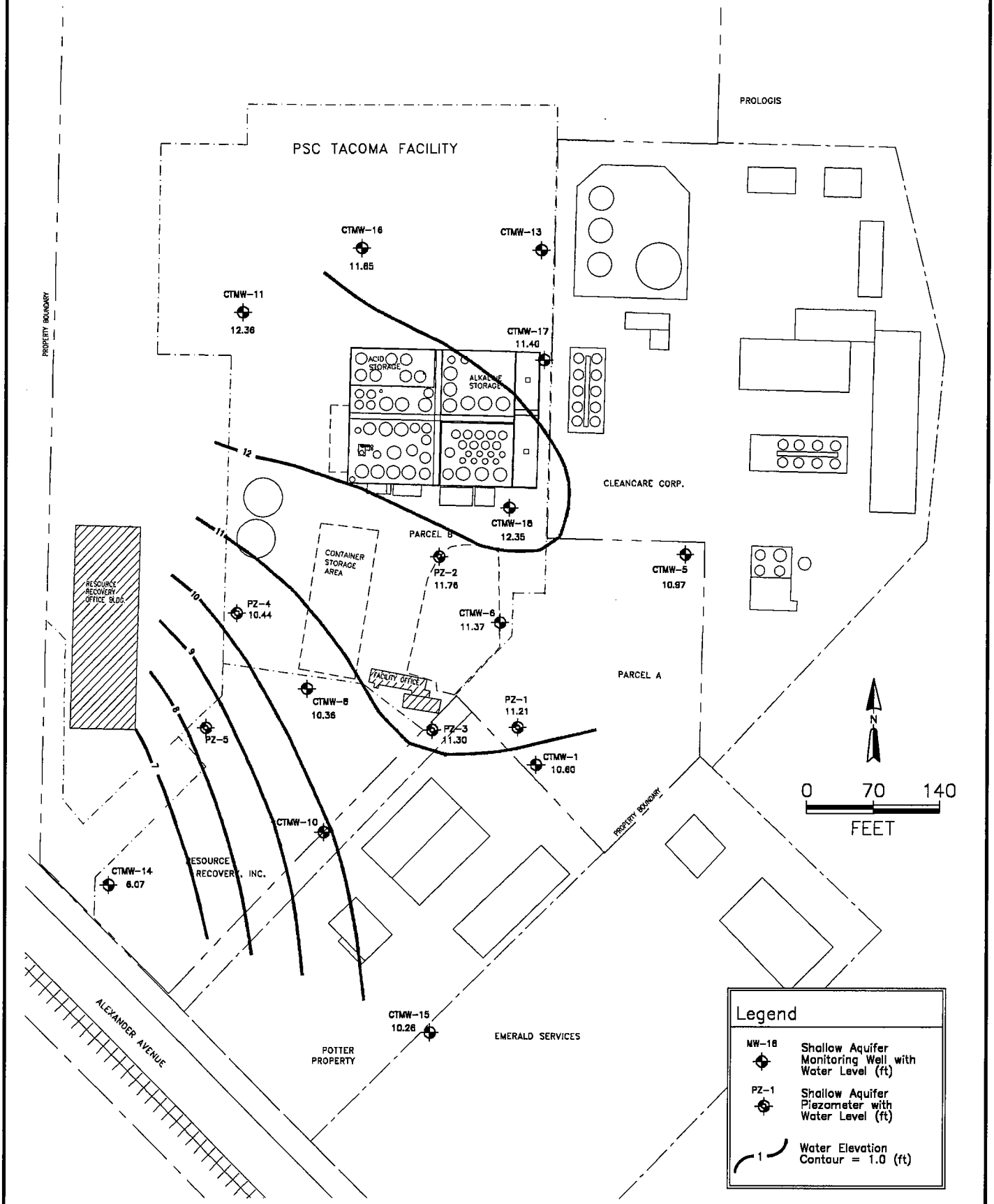


FIGURE 7
Groundwater Elevations
February 2, 1995

Cleancare Corporation

Pacific Groundwater Group



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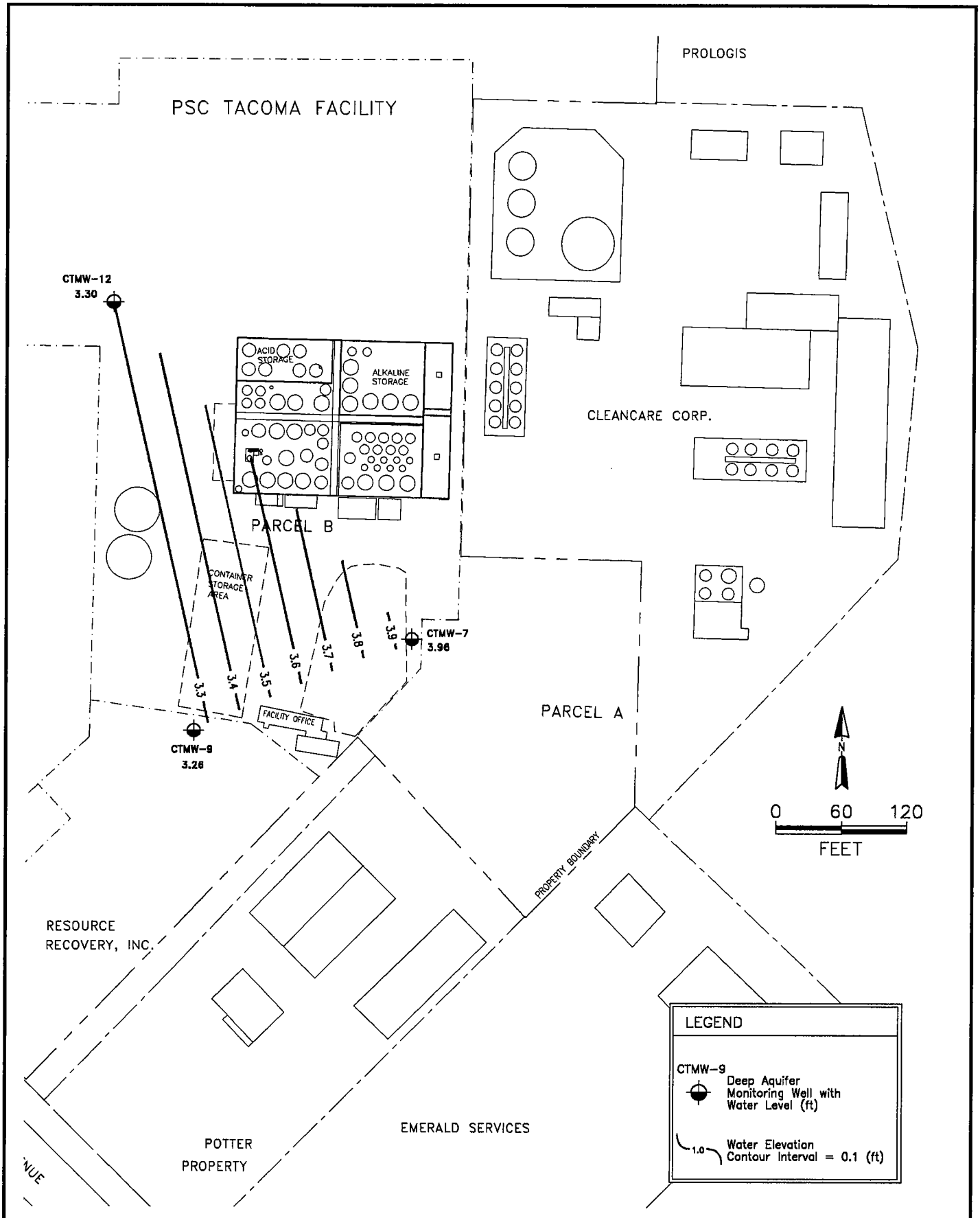

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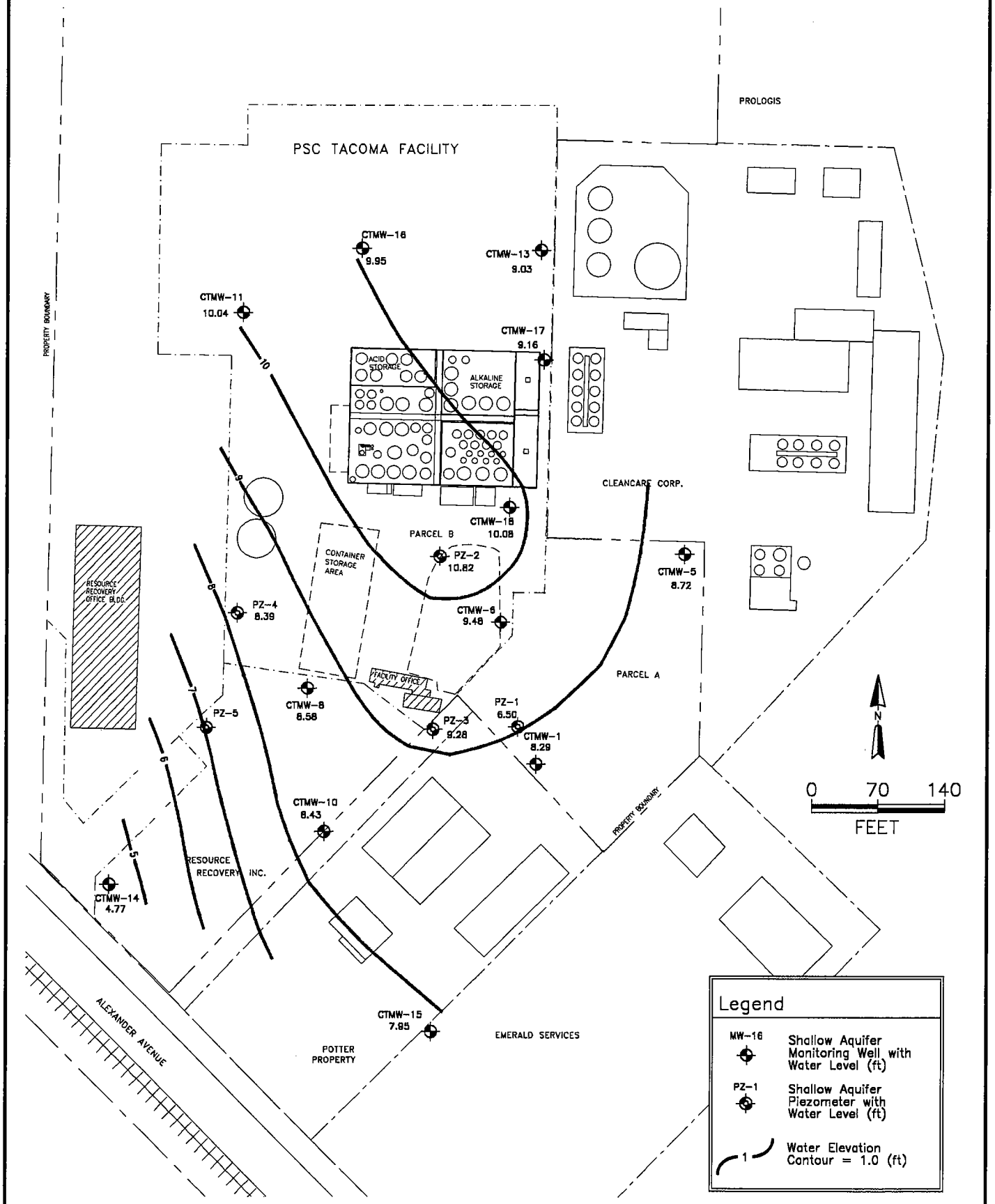

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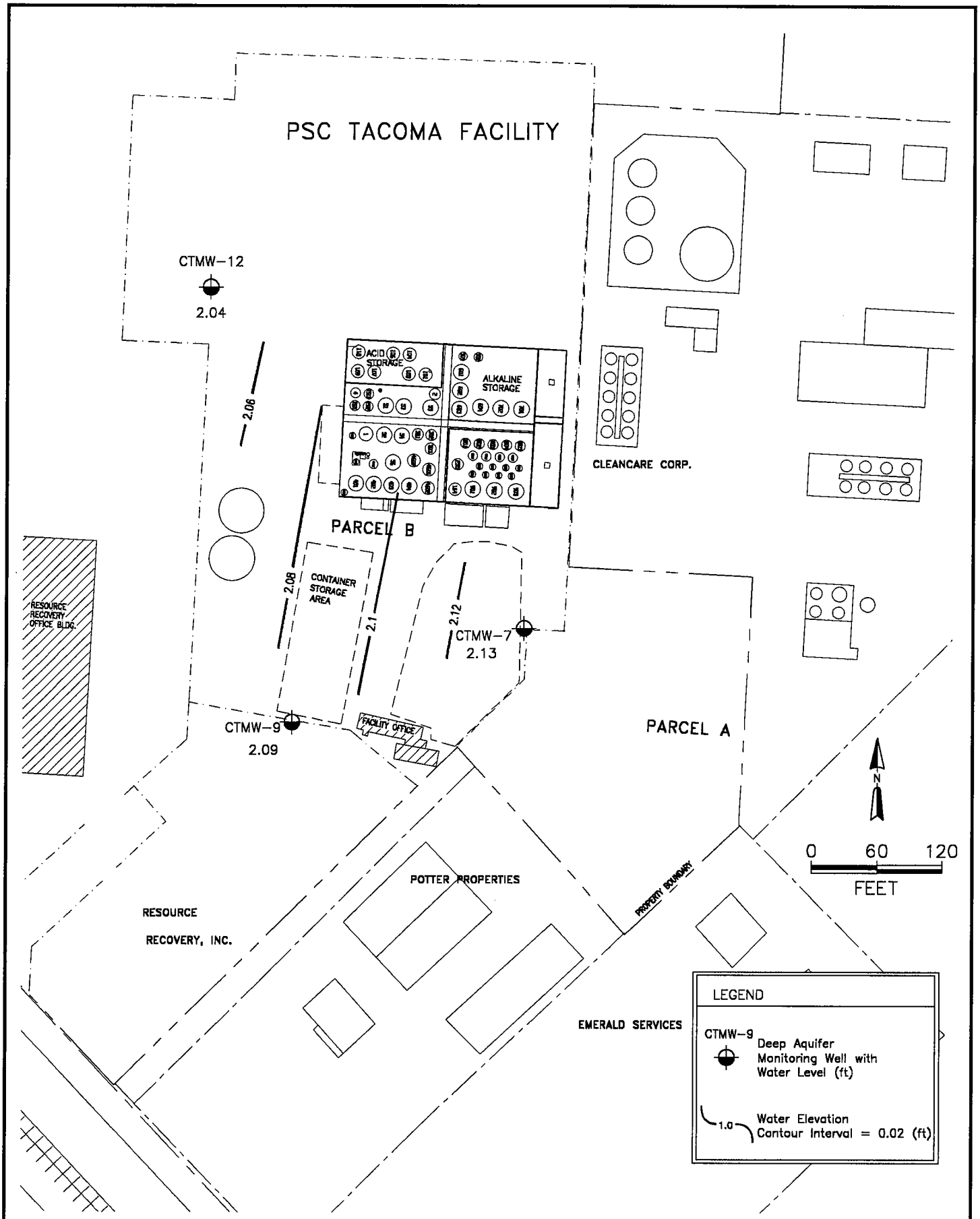

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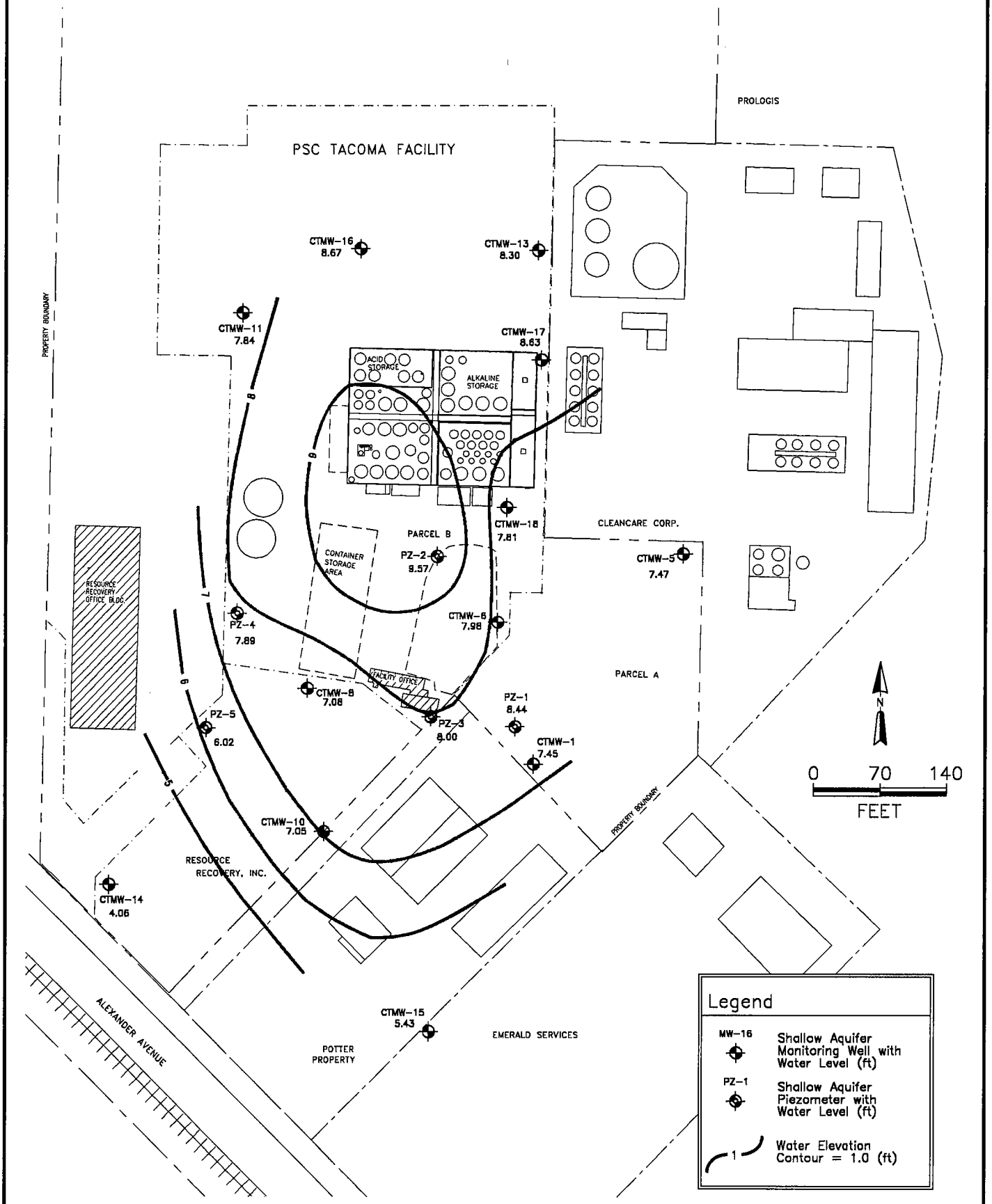

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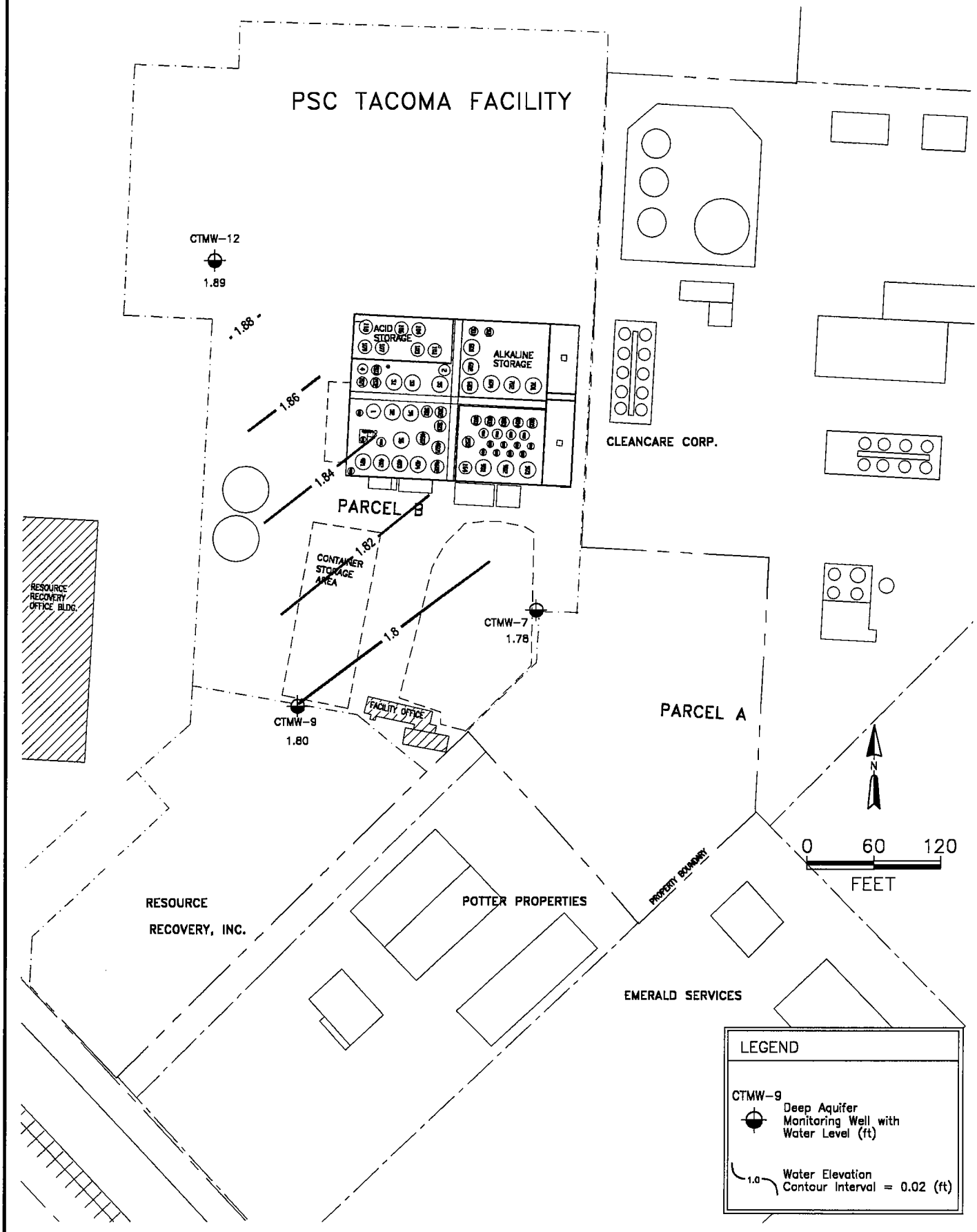

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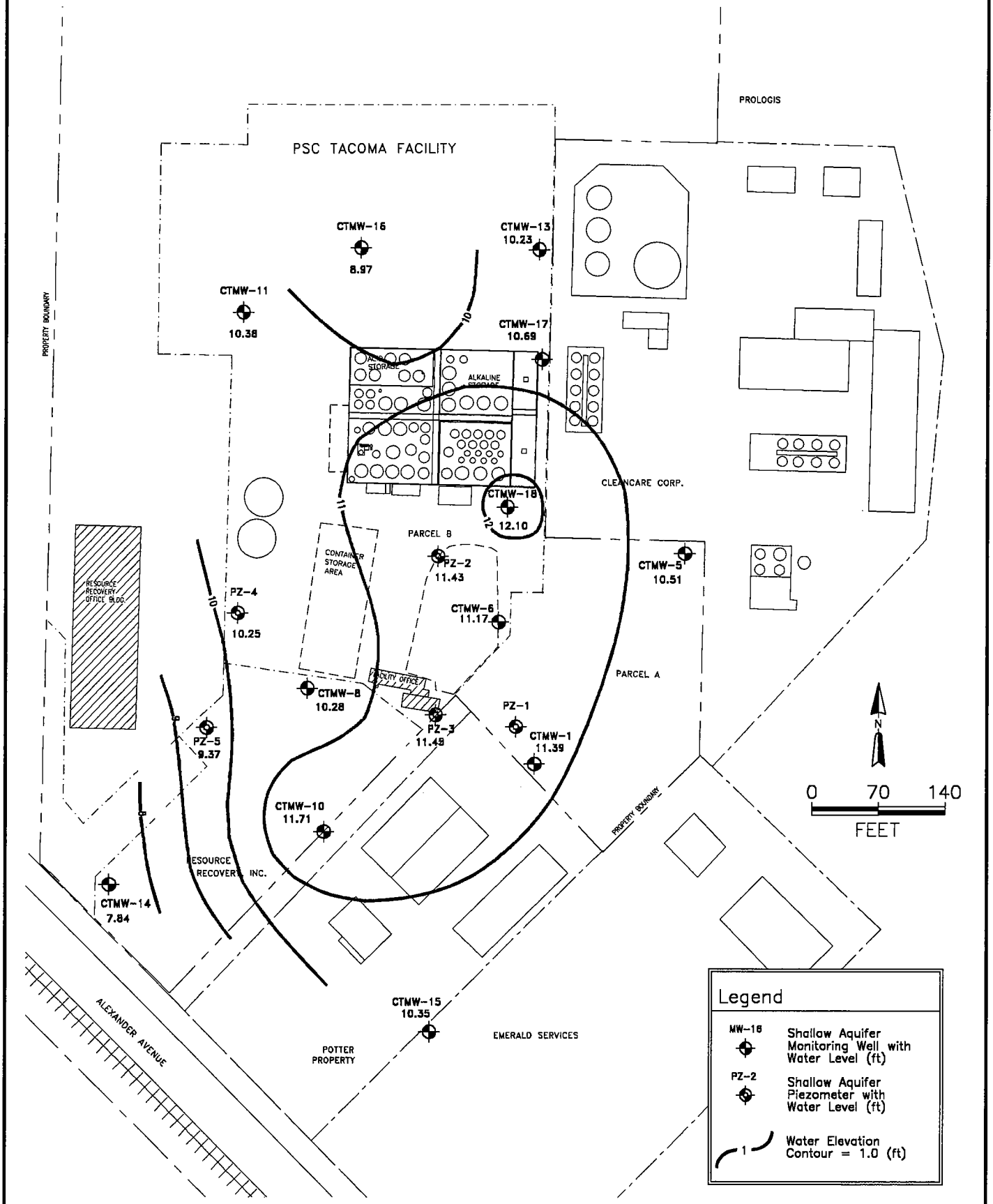

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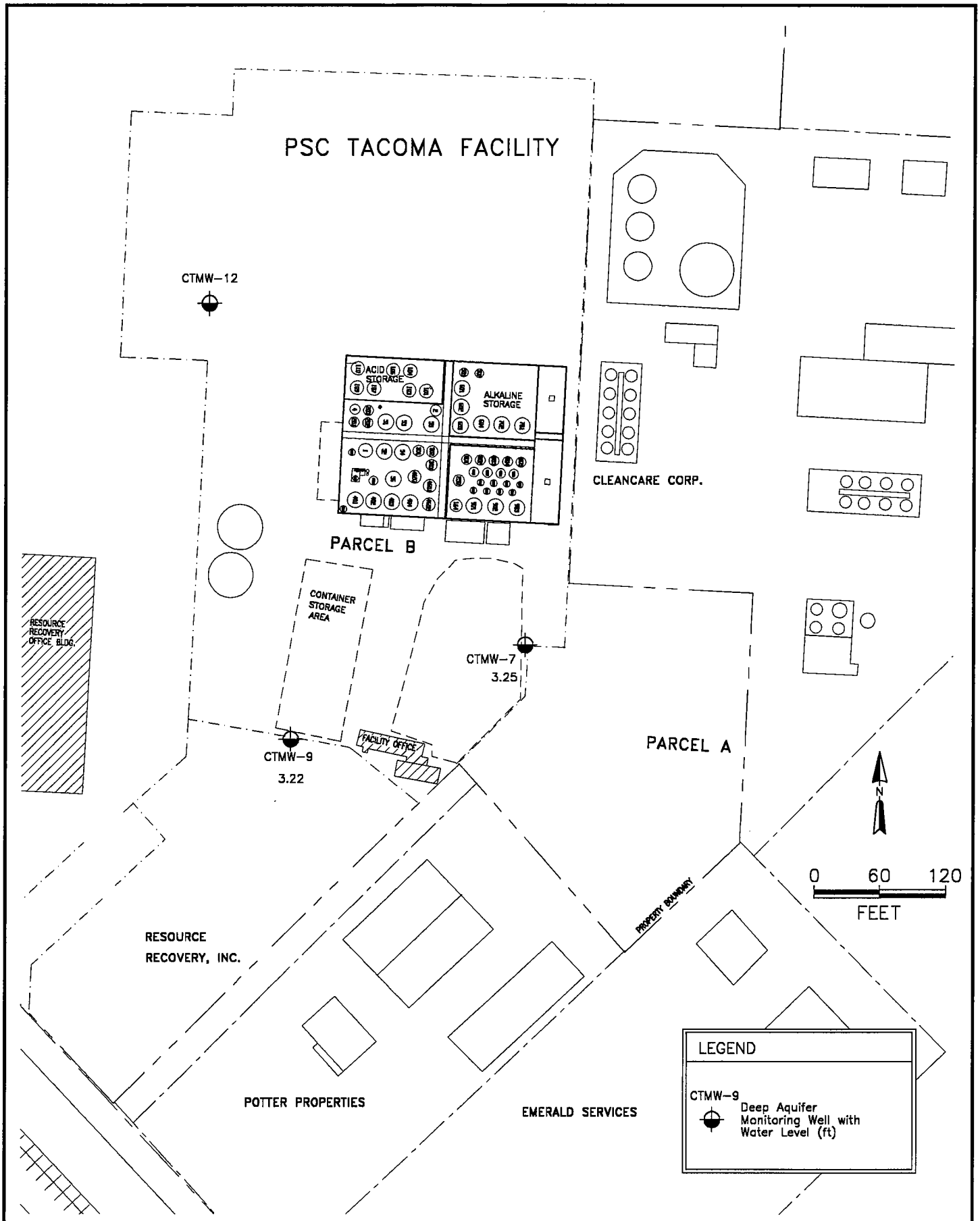

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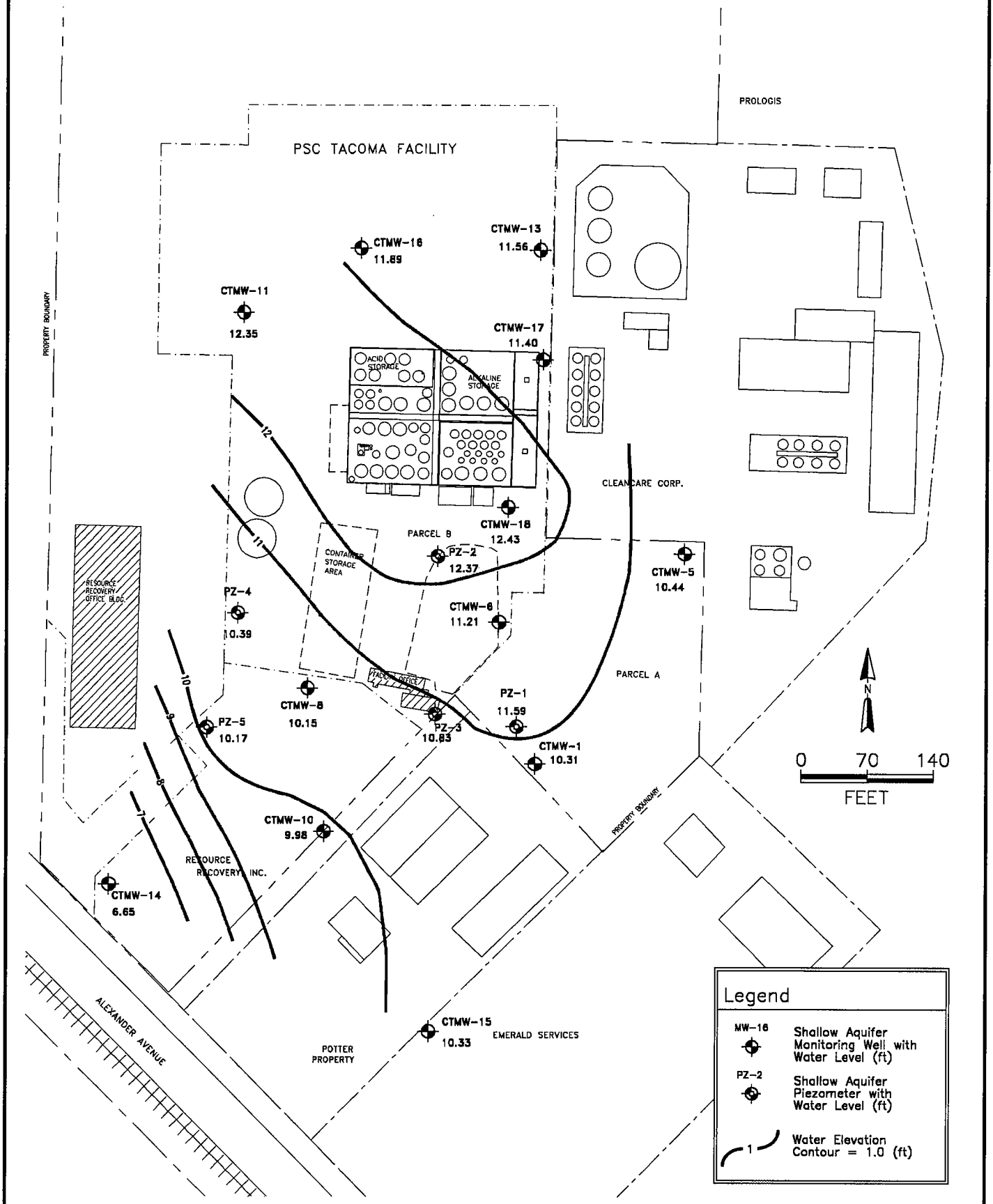

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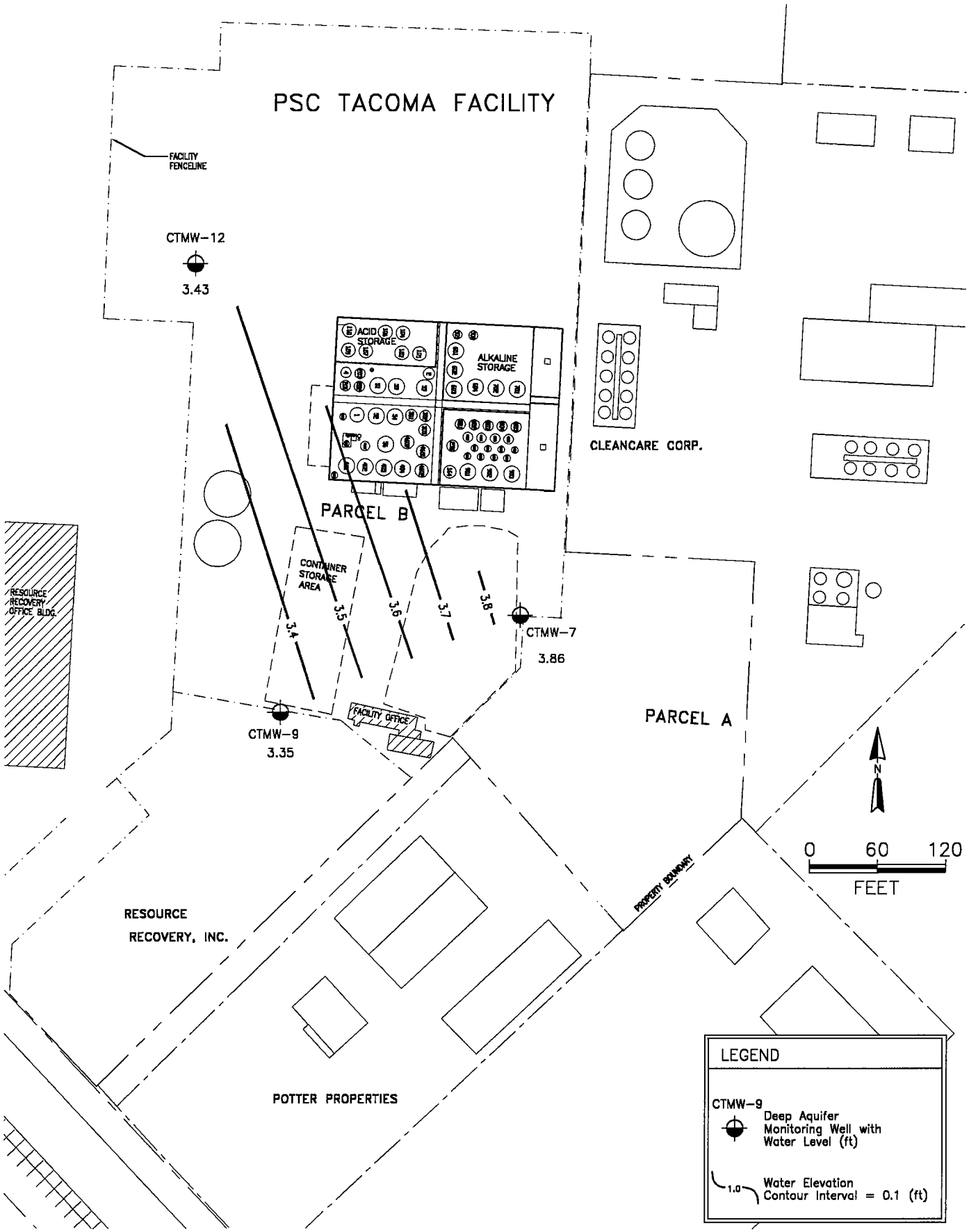

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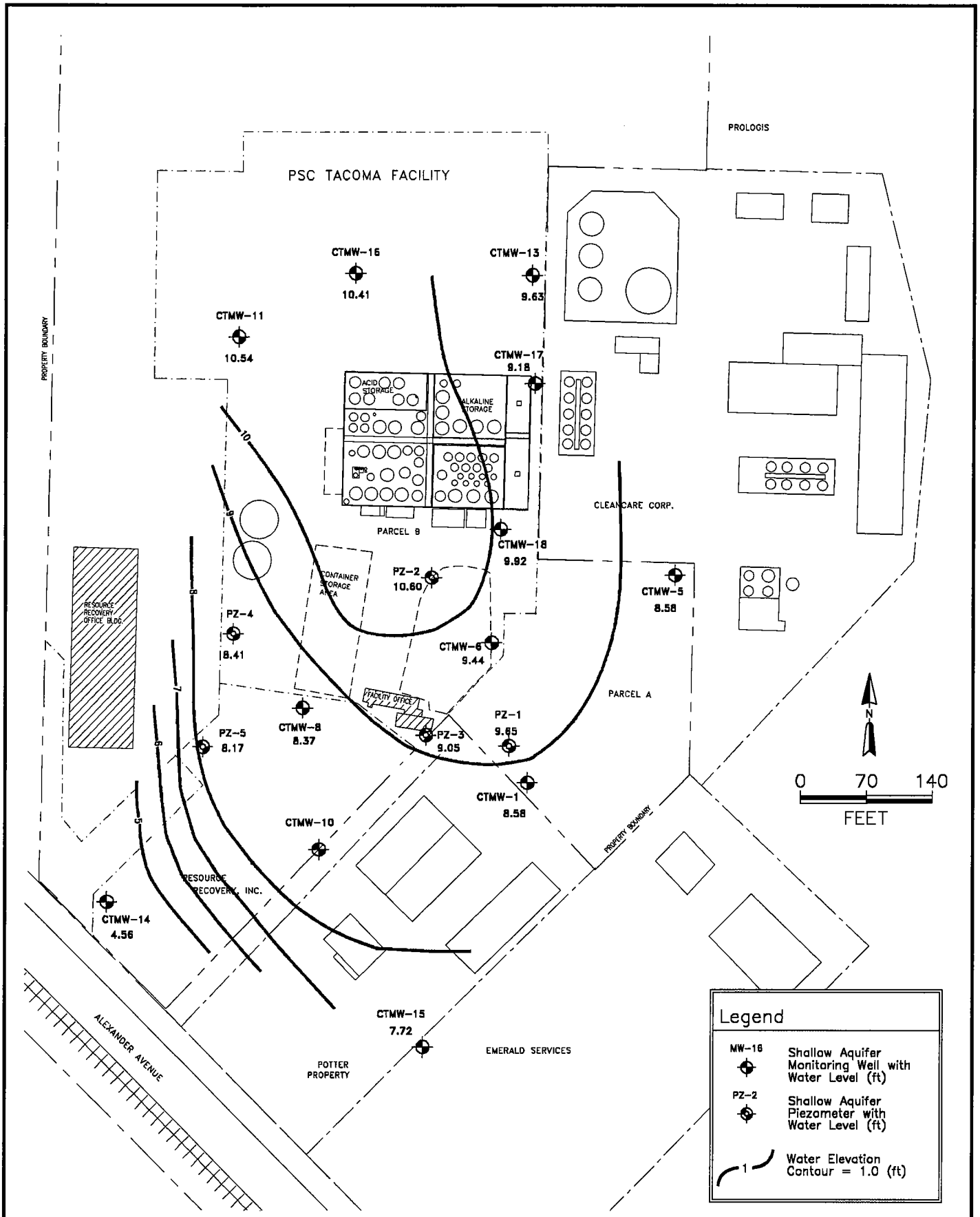

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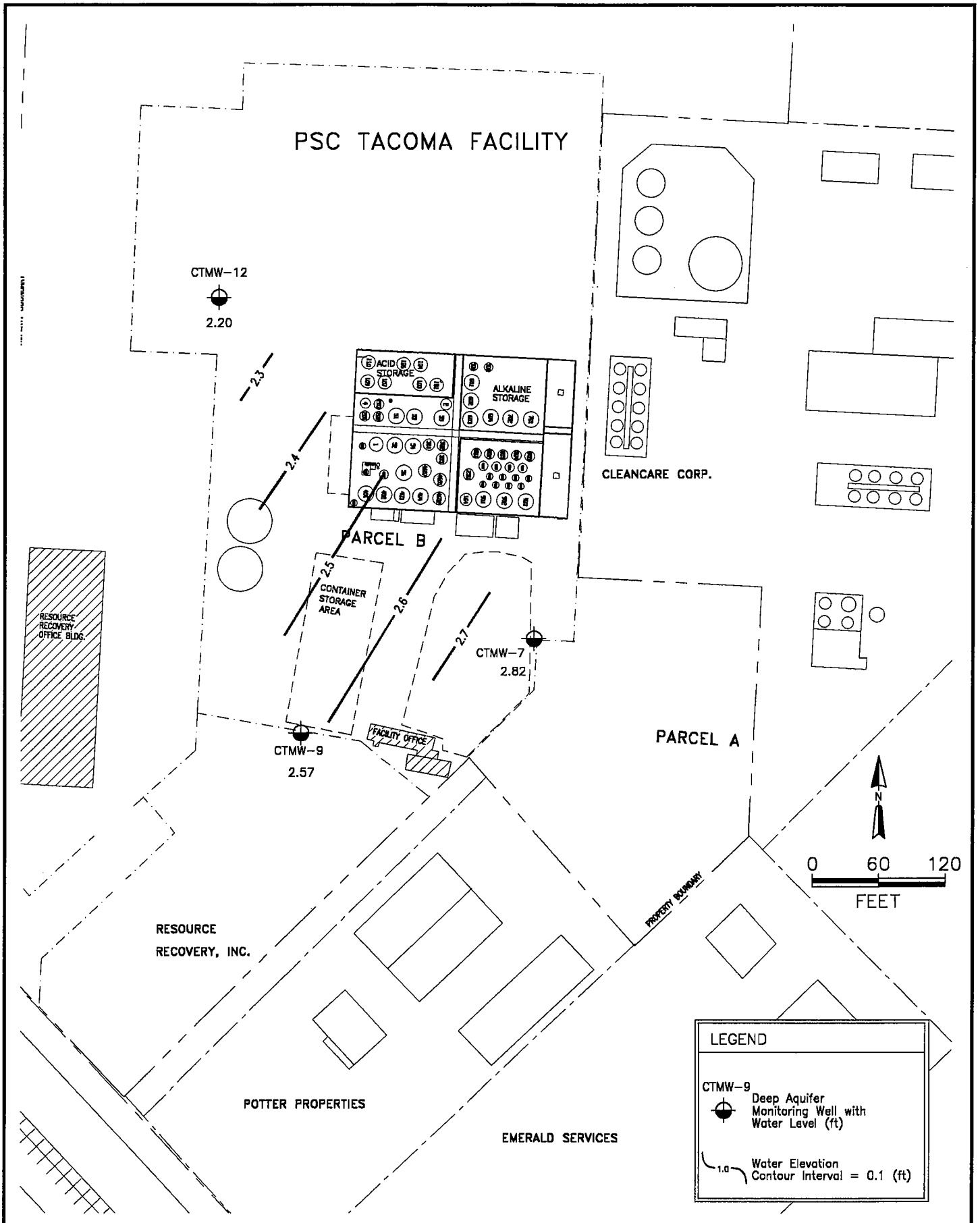

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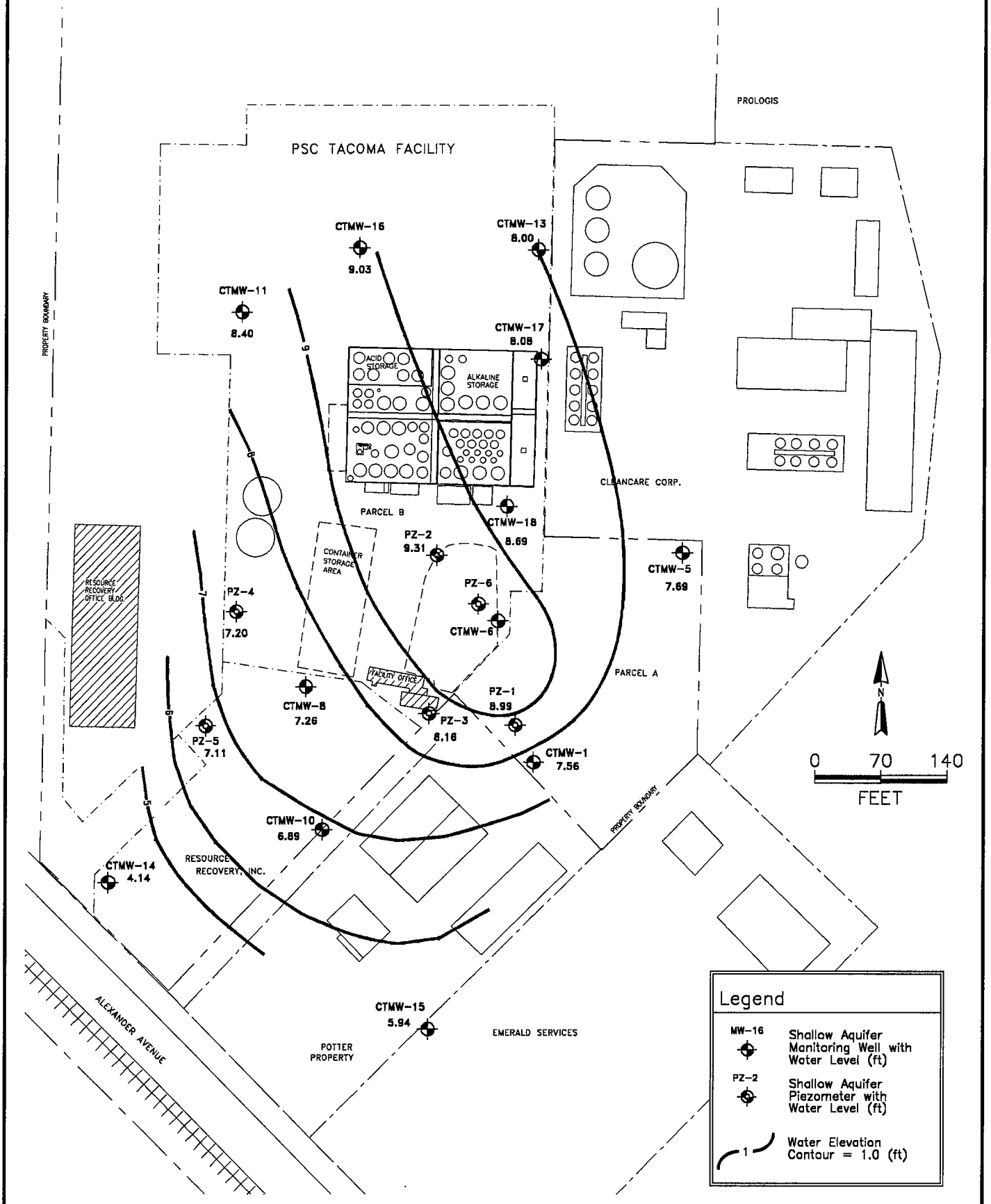

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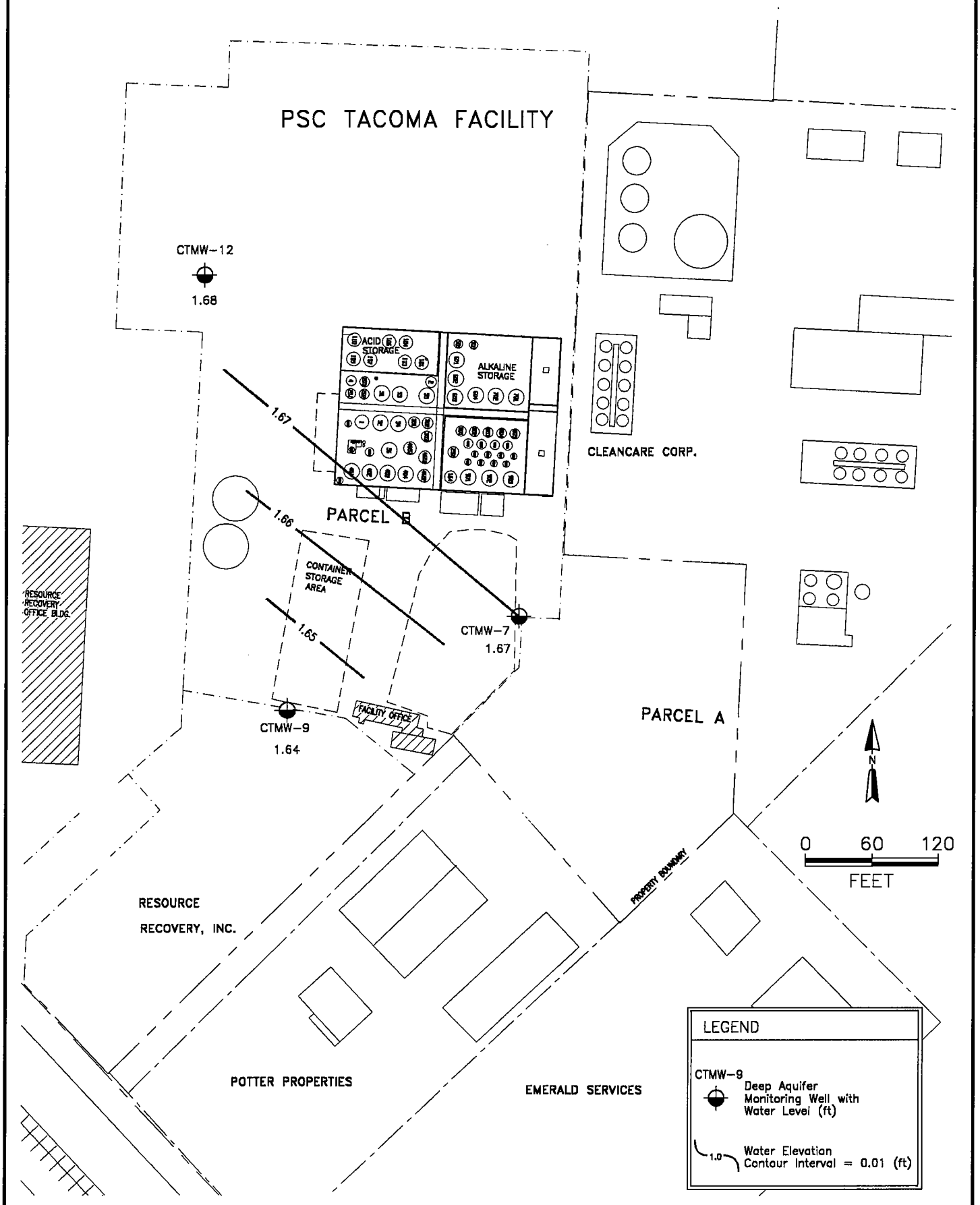

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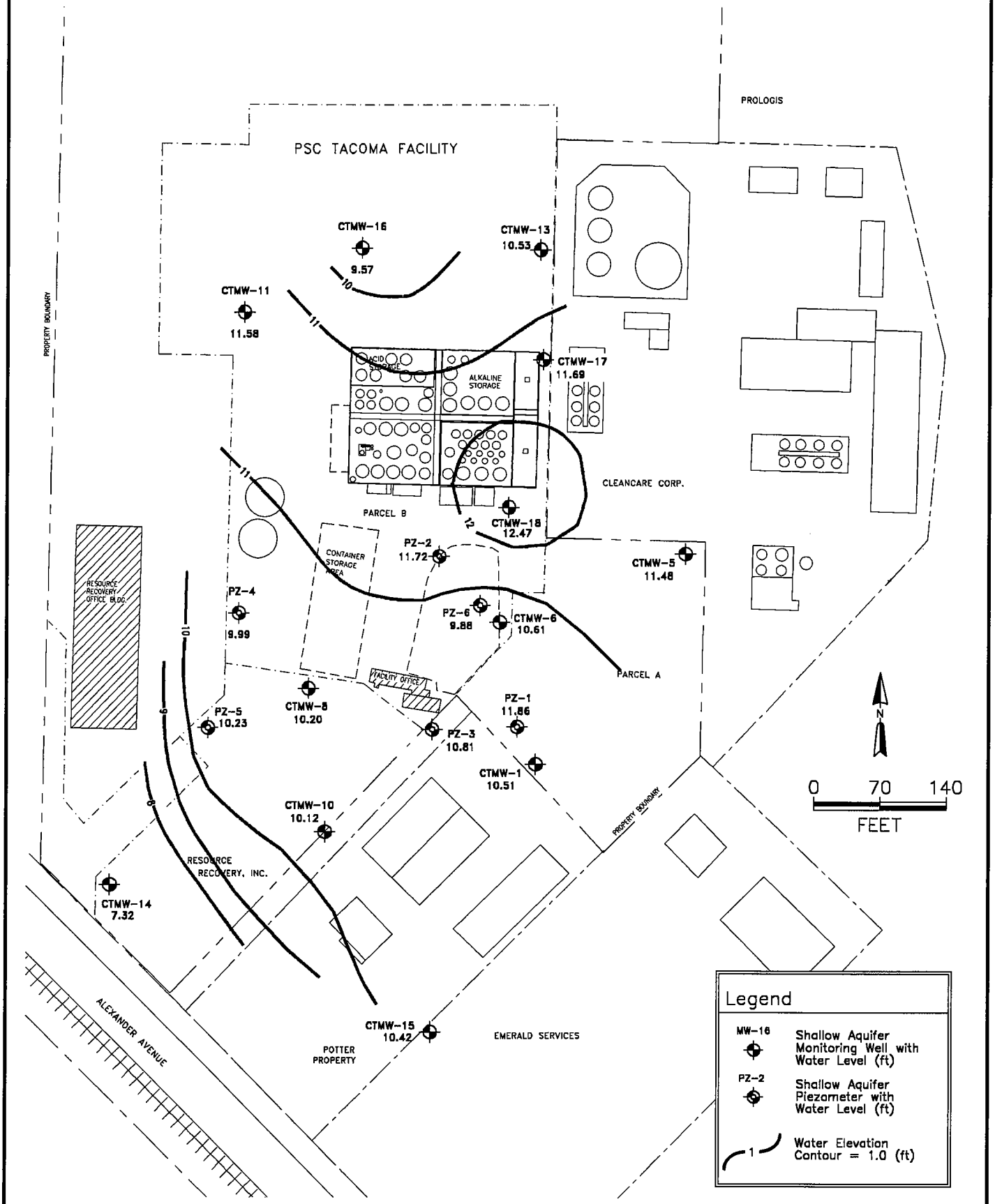

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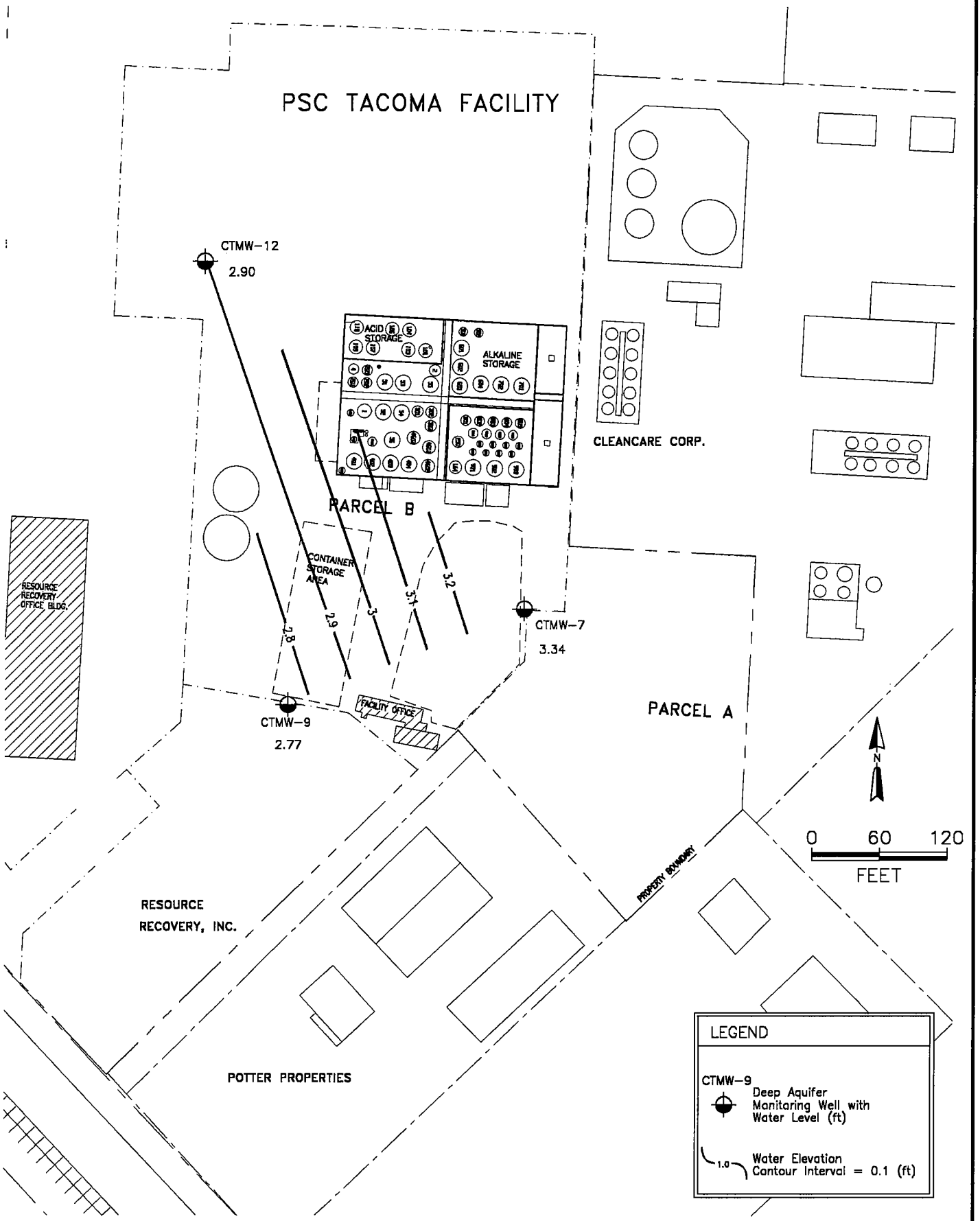

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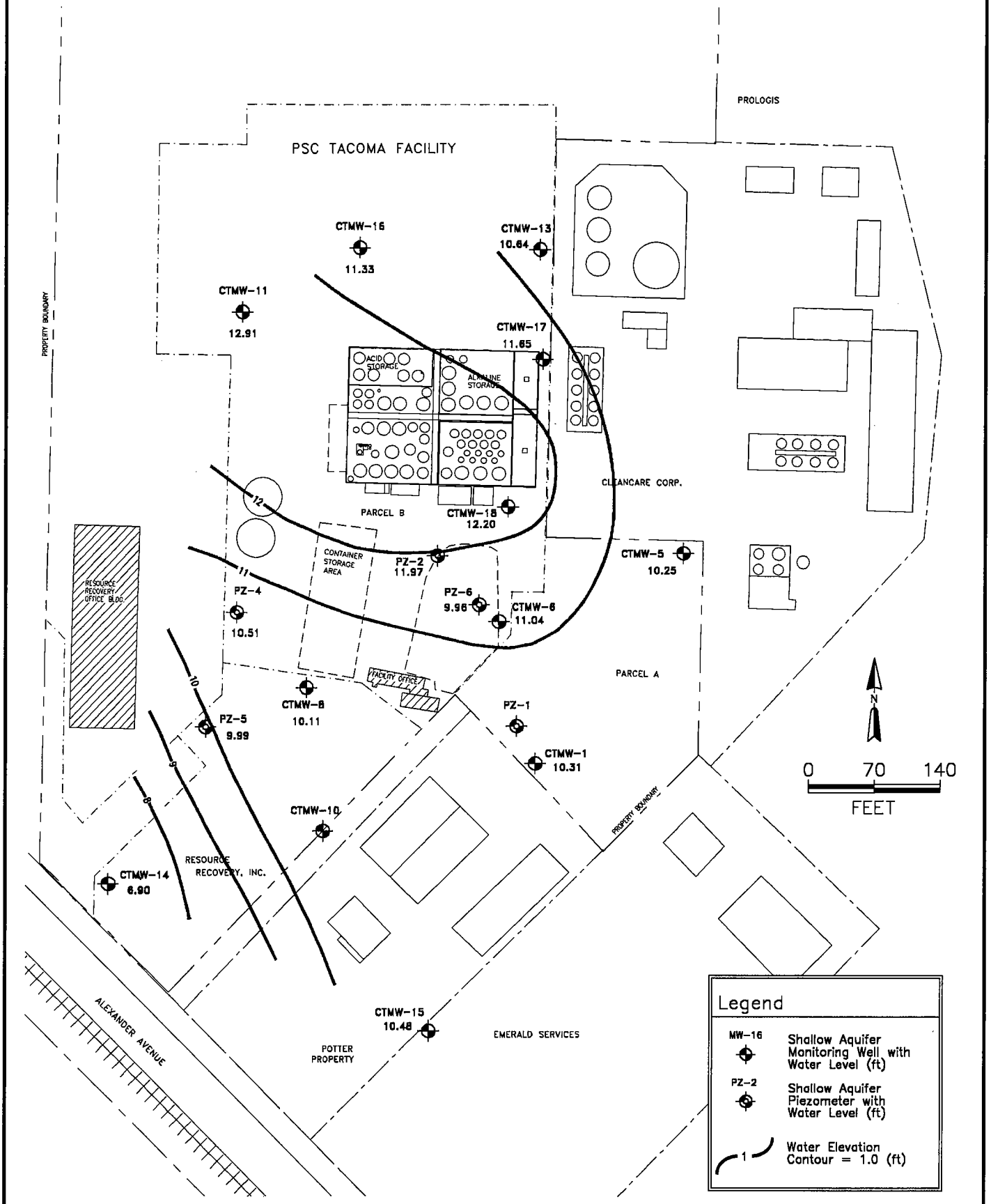

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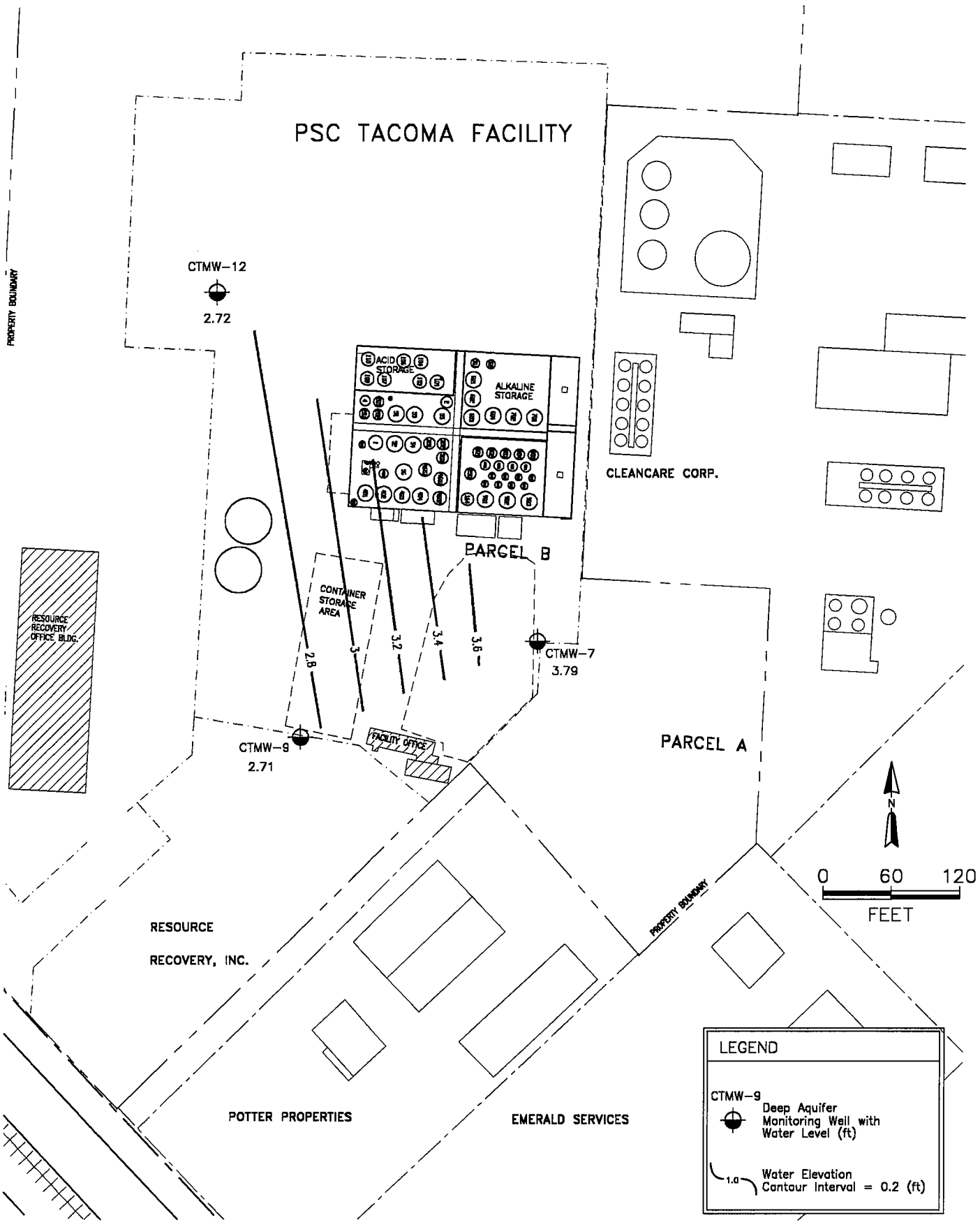

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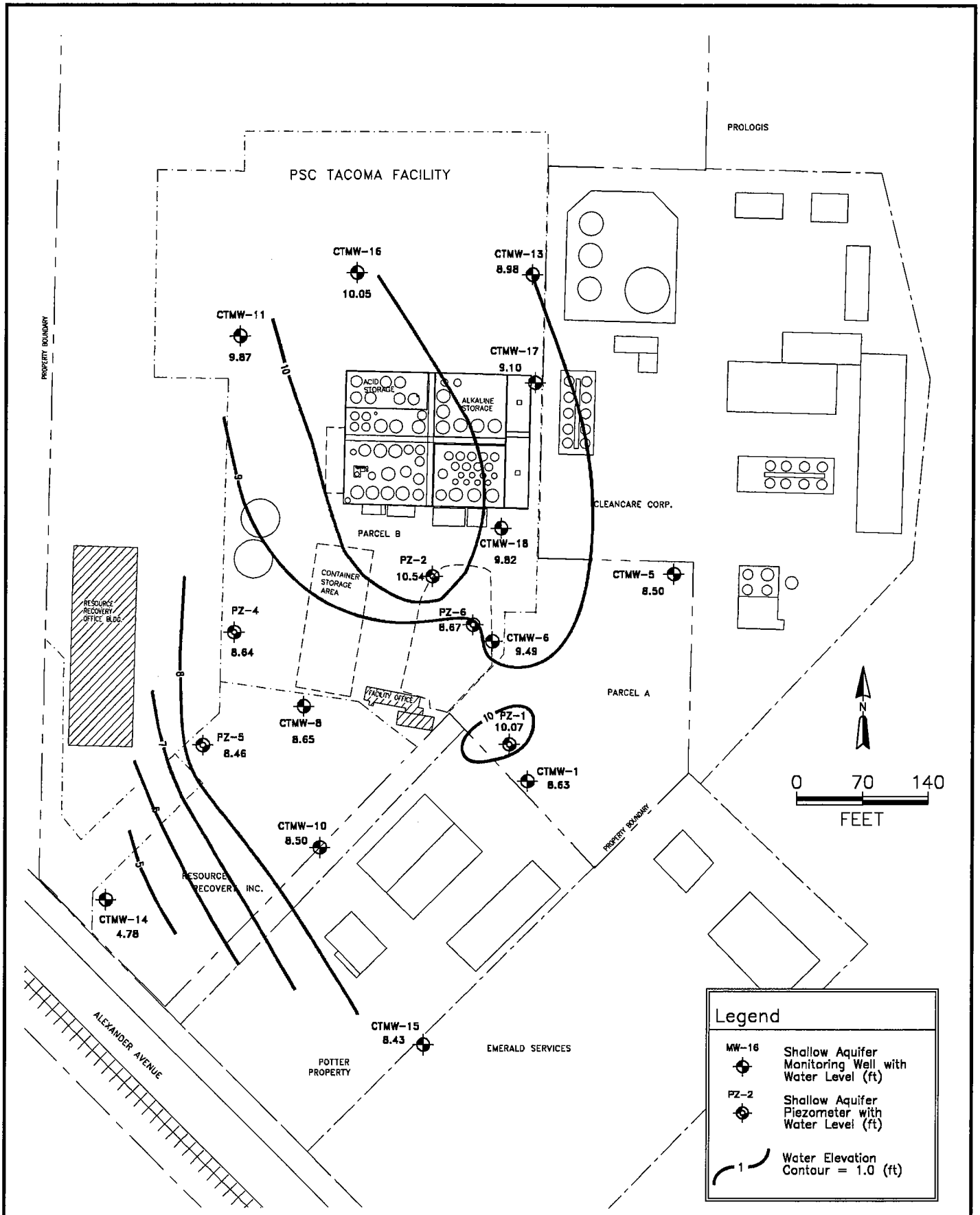

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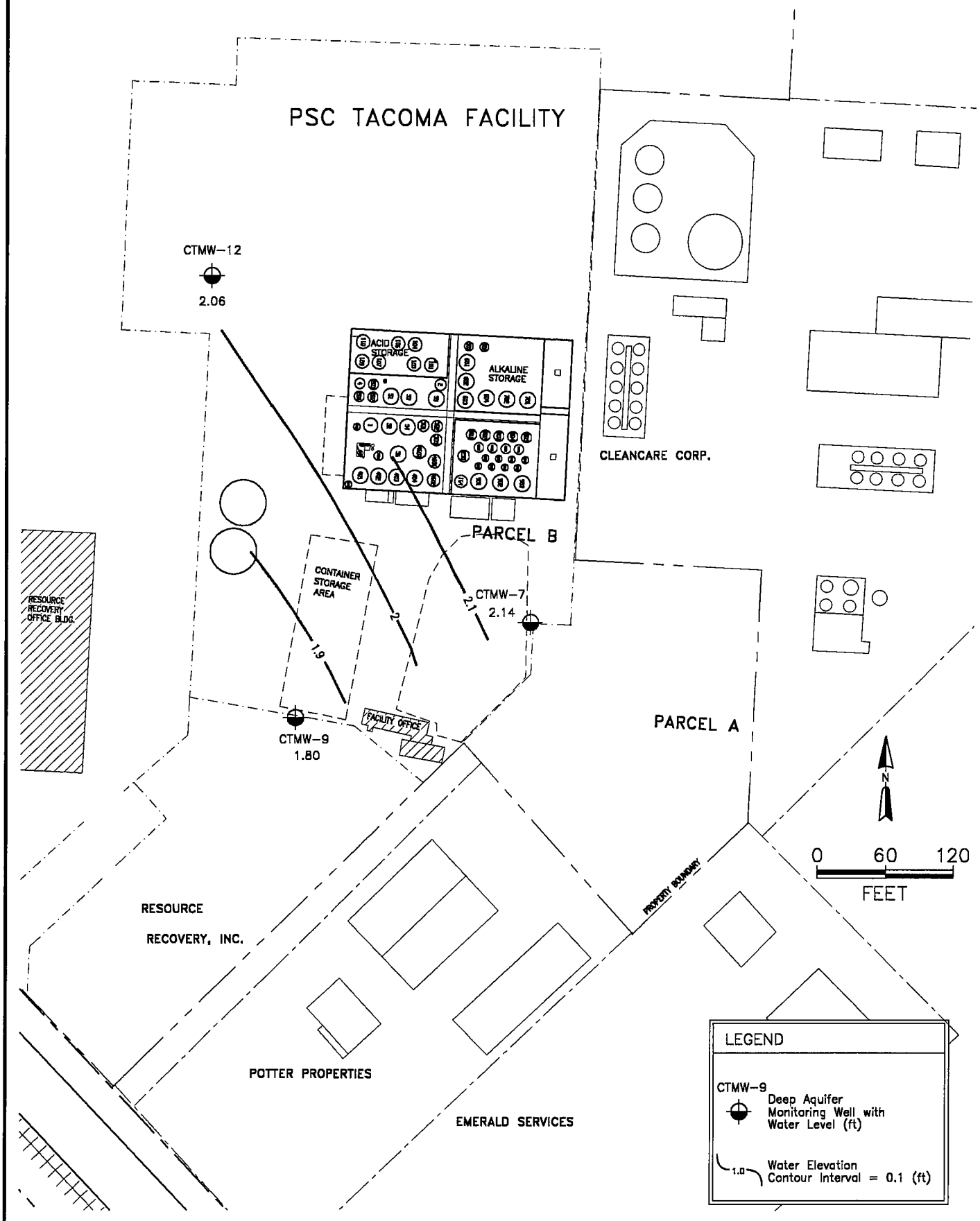

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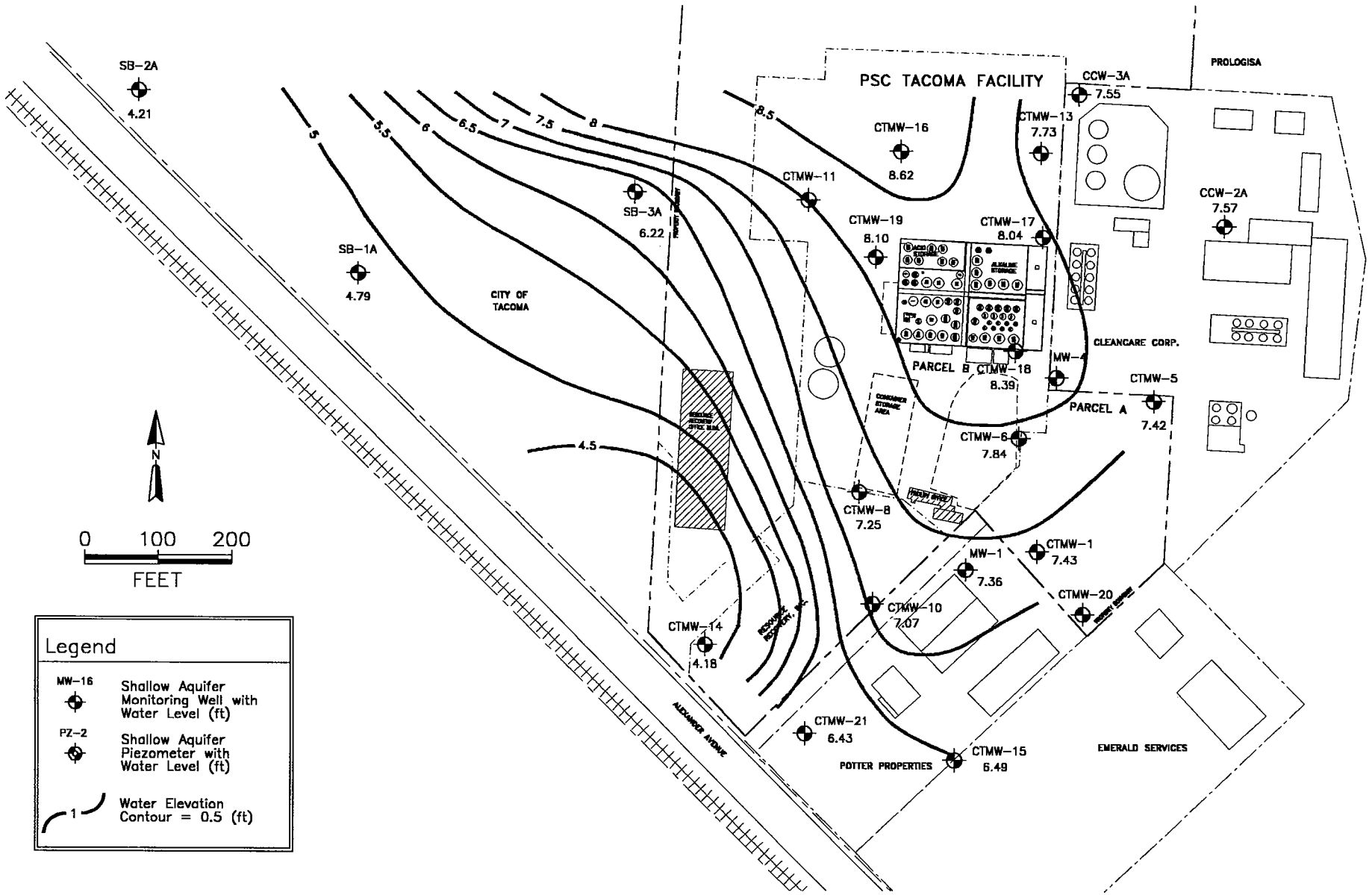

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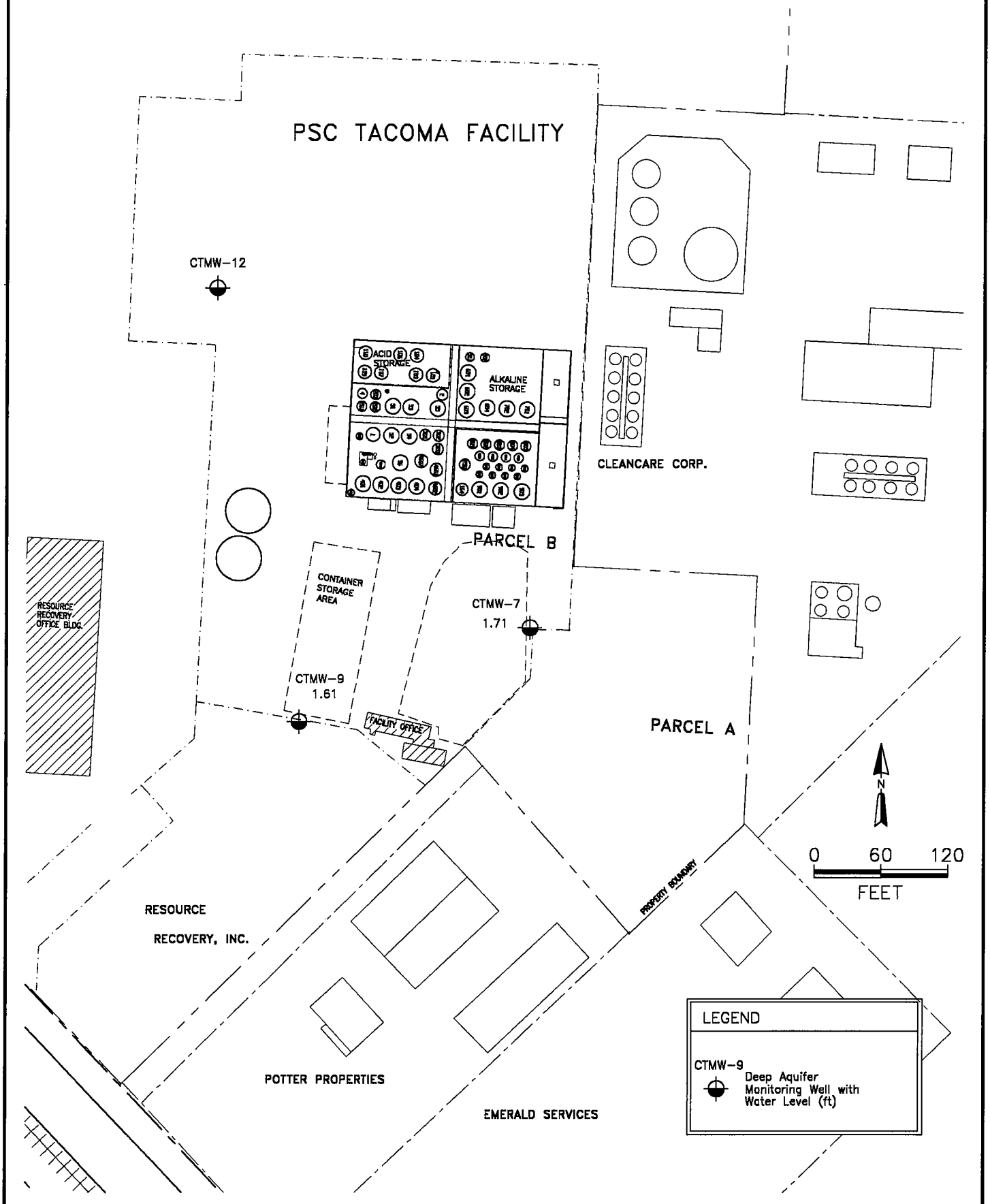

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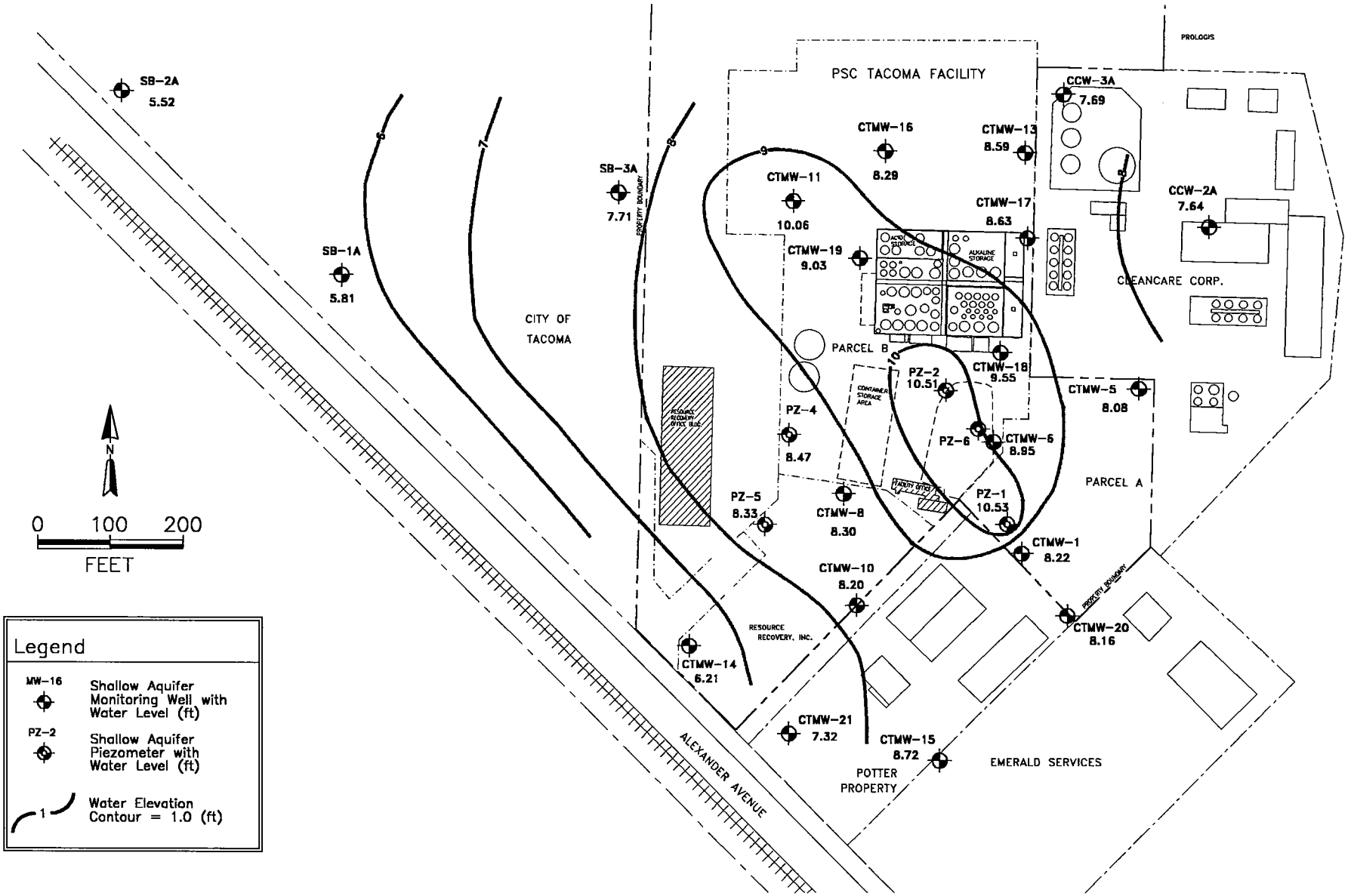
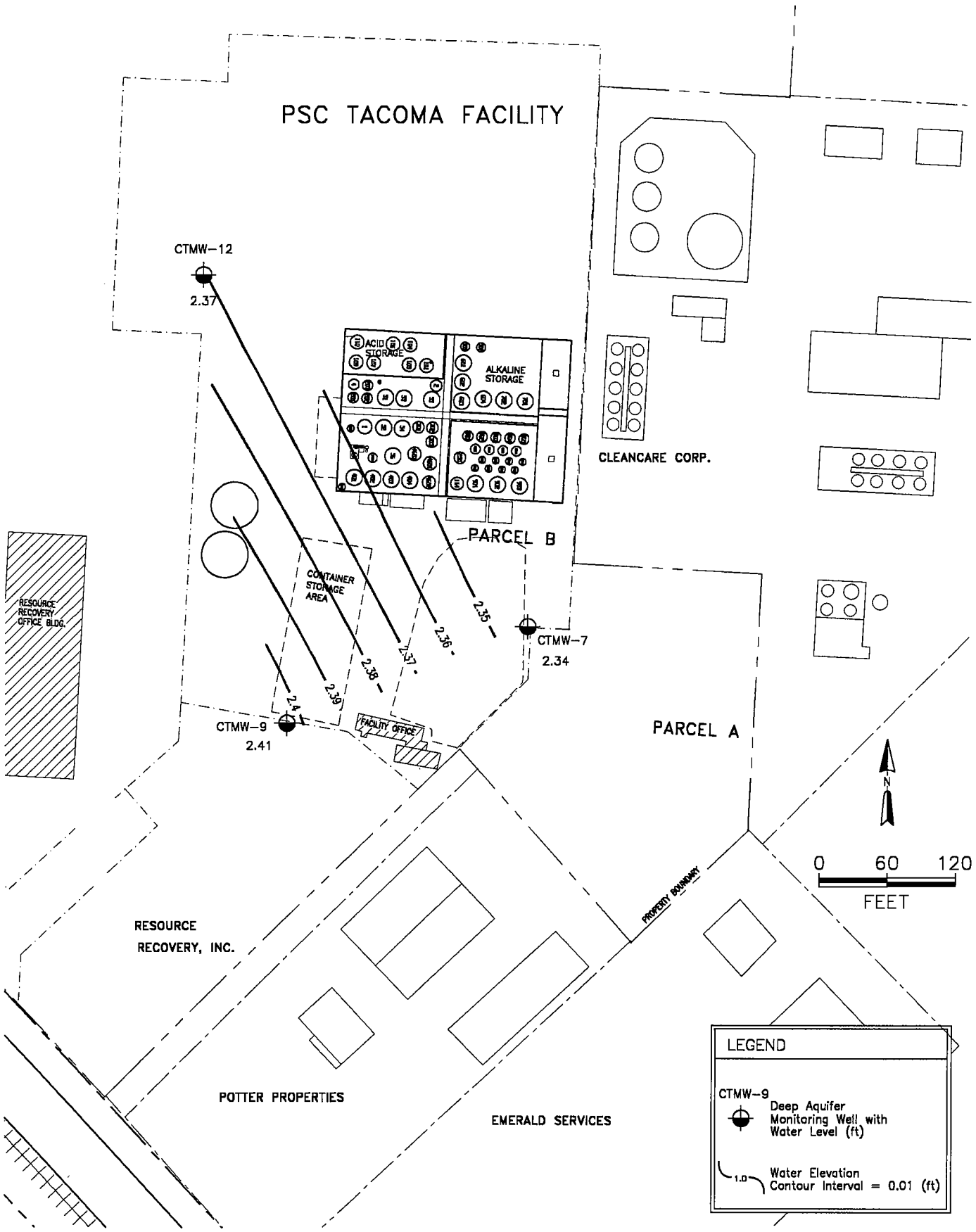


TITLE: Groundwater Elevations Shallow Aquifer, Dec. 12, 2000 Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: RI 2002
	CHKD: cjm	APPD:	FIGURE NO.:
	DATE: 4/18/02	REV.: 1	



PSC	TITLE: Groundwater Elevations Deep Aquifer, Dec. 12, 2000 Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: RI 2002
		CHKD: cjm	APPD:	
		DATE: 4/19/02	REV.:	FIGURE NO.:

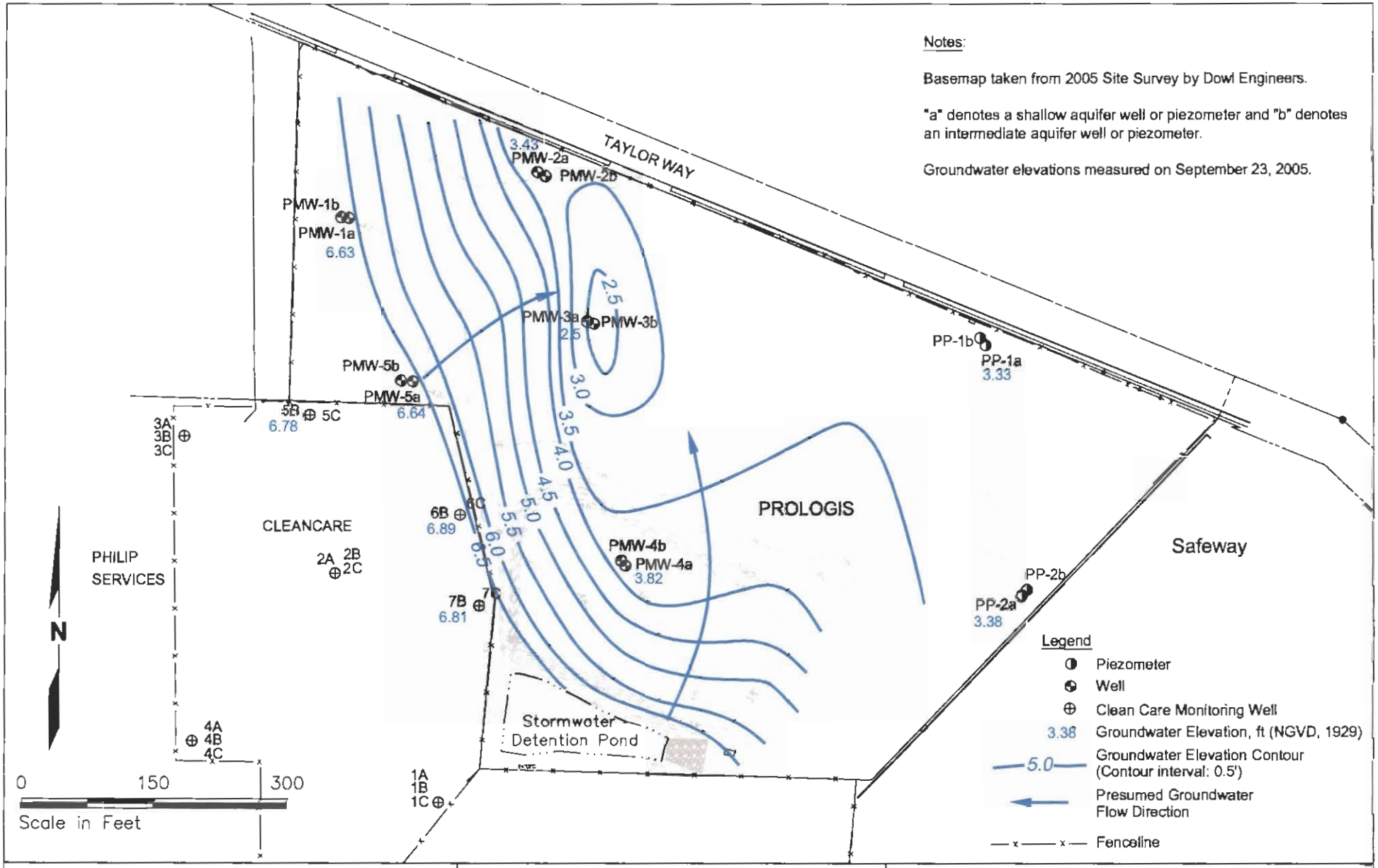


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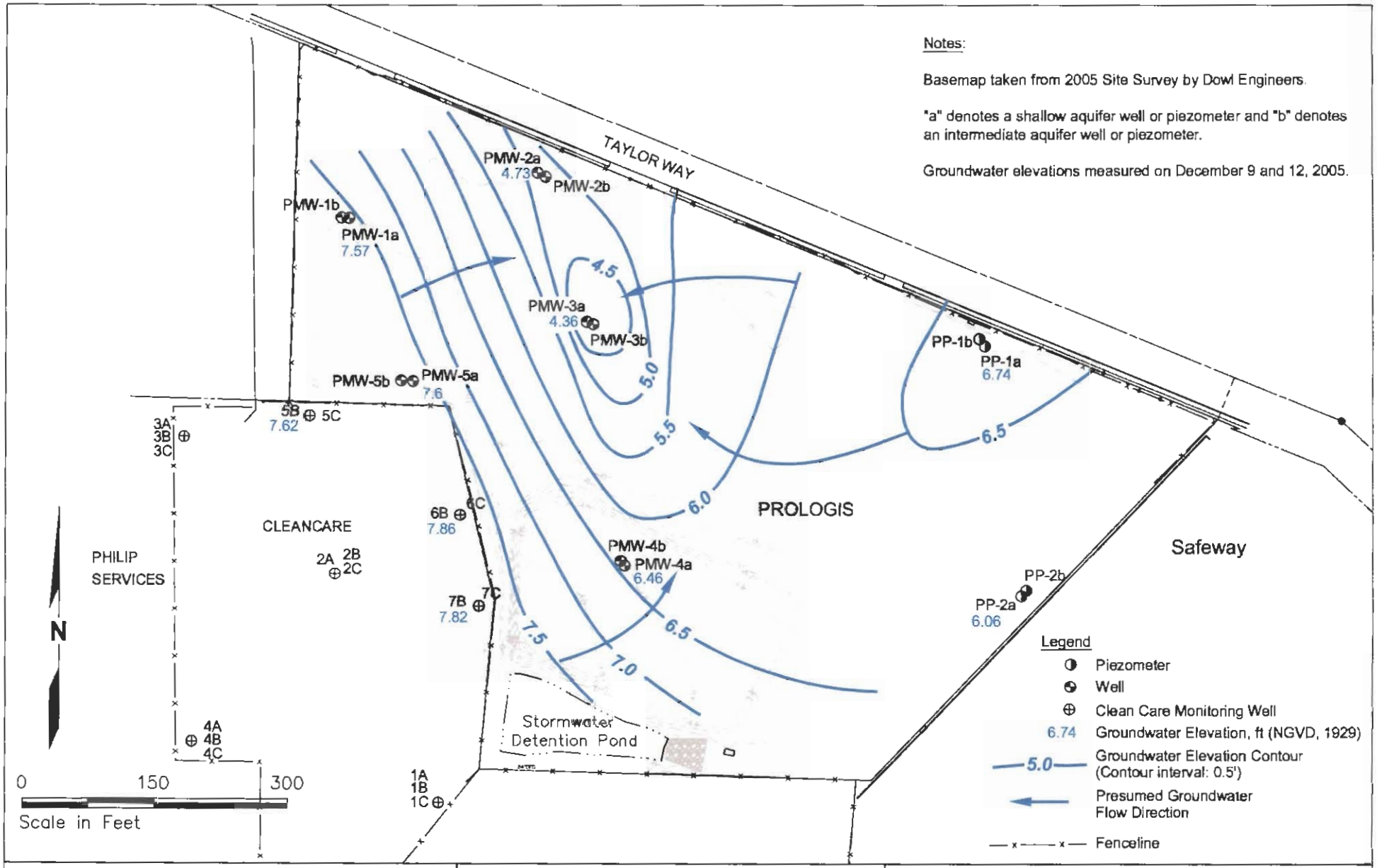
Figure 3.2
Groundwater Elevation Map
Shallow Aquifer, September 2005

DATE: 09/16/09 10:05am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigation\Figures\tayRem002 (Fig 3_2).dwg



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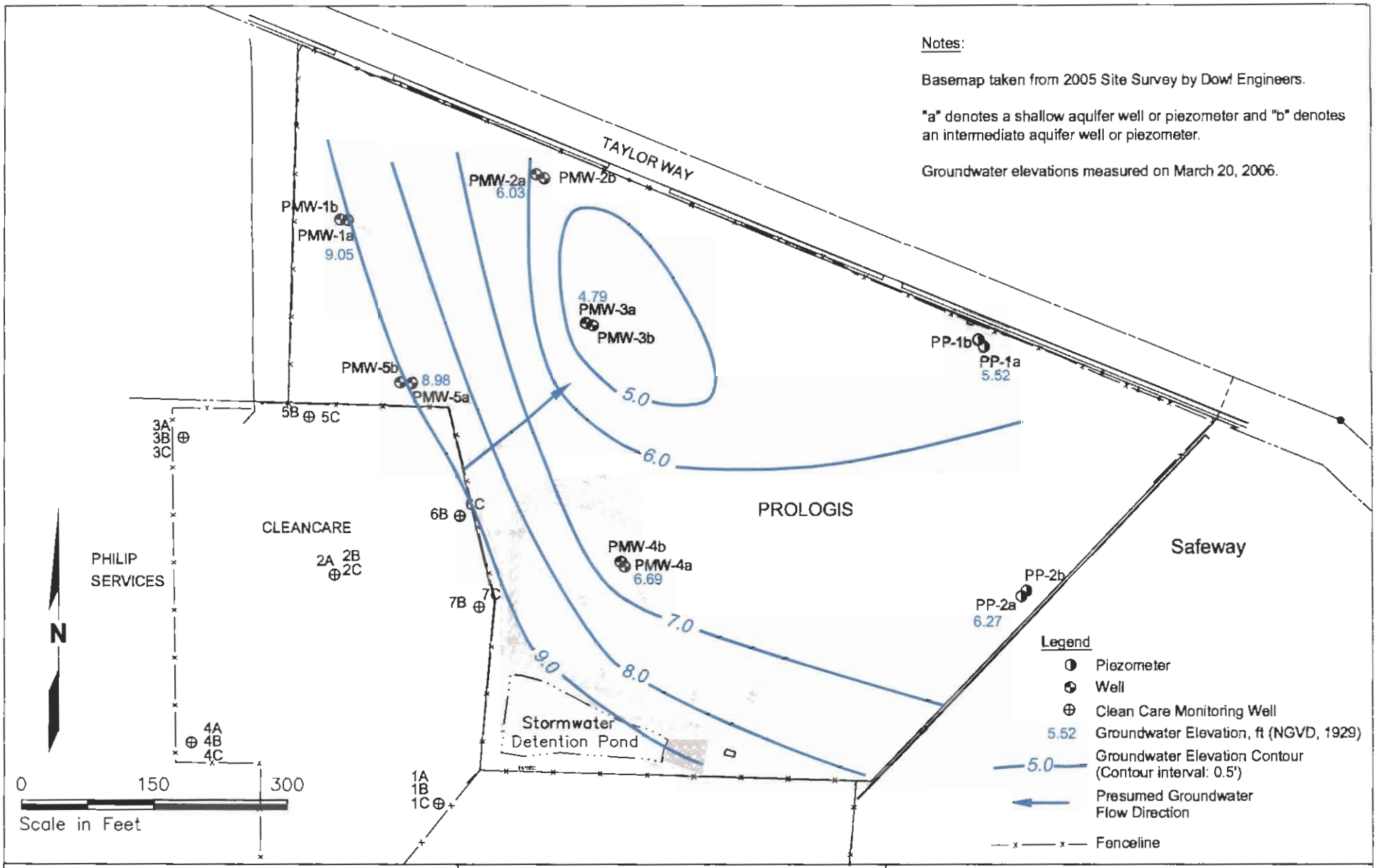
Remedial Investigation
Tacoma, Washington

Figure 3.3
Groundwater Elevation Map
Shallow Aquifer, December 2005

DATE: 08/18/06 10:08am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigationFigures\tayRem003 (Fig 3_3).dwg



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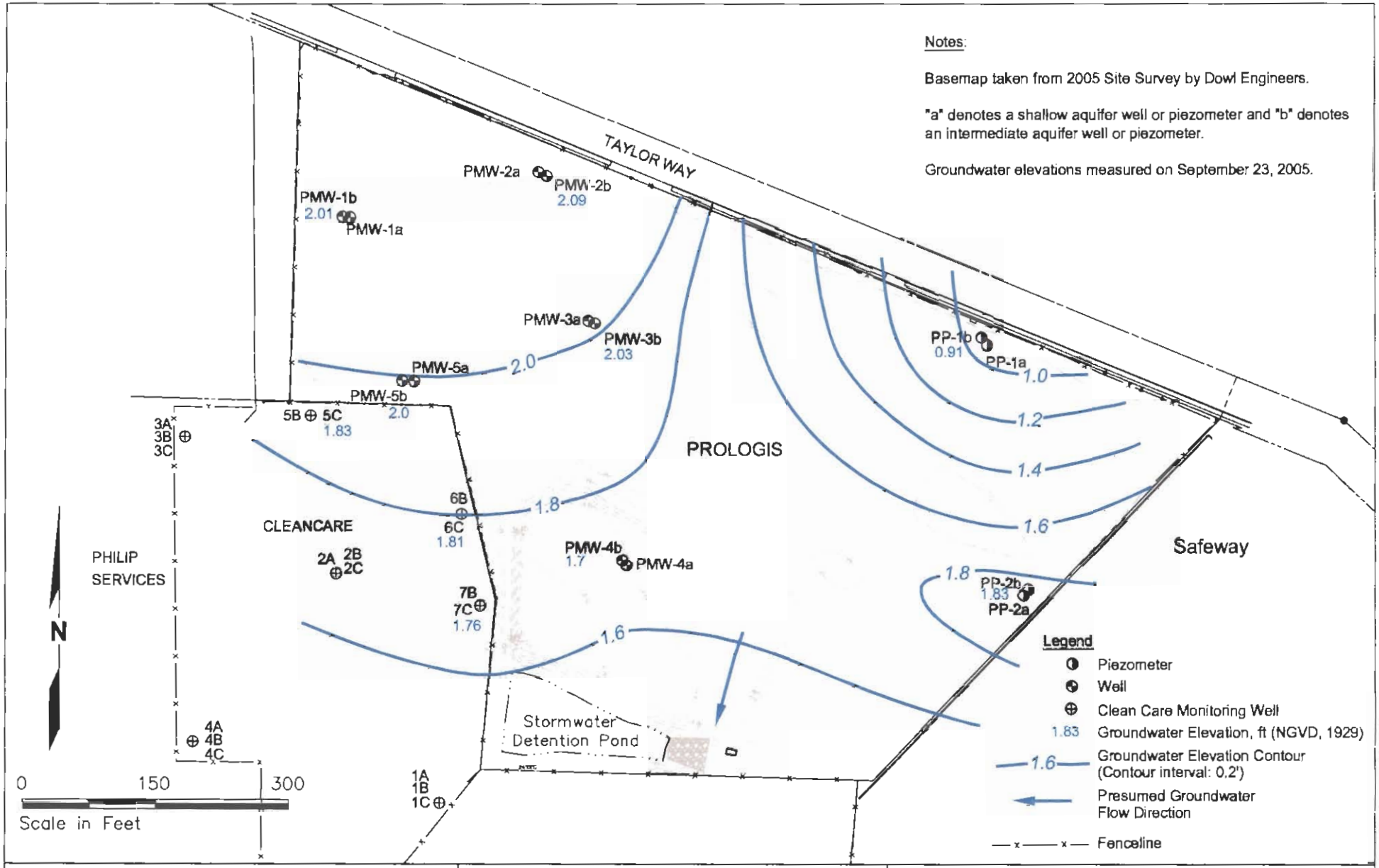
Remedial Investigation
Tacoma, Washington

Figure 3.4
Groundwater Elevation Map
Shallow Aquifer, March 2006

DATE: 08/15/06 10:07am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigat\unFigures\toyRam004 (Fig 3_4).dwg



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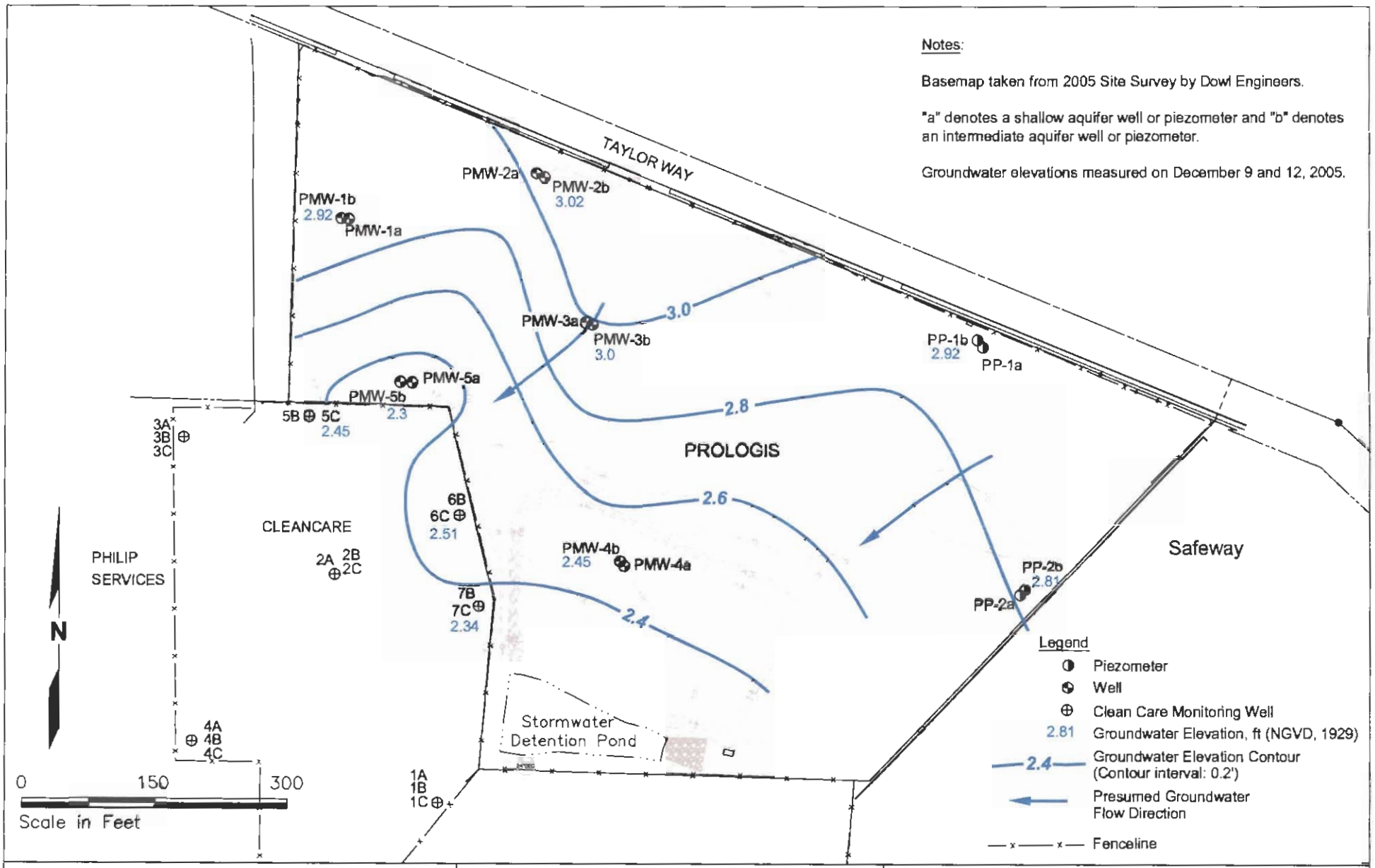
Remedial Investigation
Tacoma, Washington

Figure 3.5
Groundwater Elevation Map
Intermediate Aquifer, September 2005

DATE: 06/16/06 10:08am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigationFigures\tayRem005 (Fig 3_5).dwg



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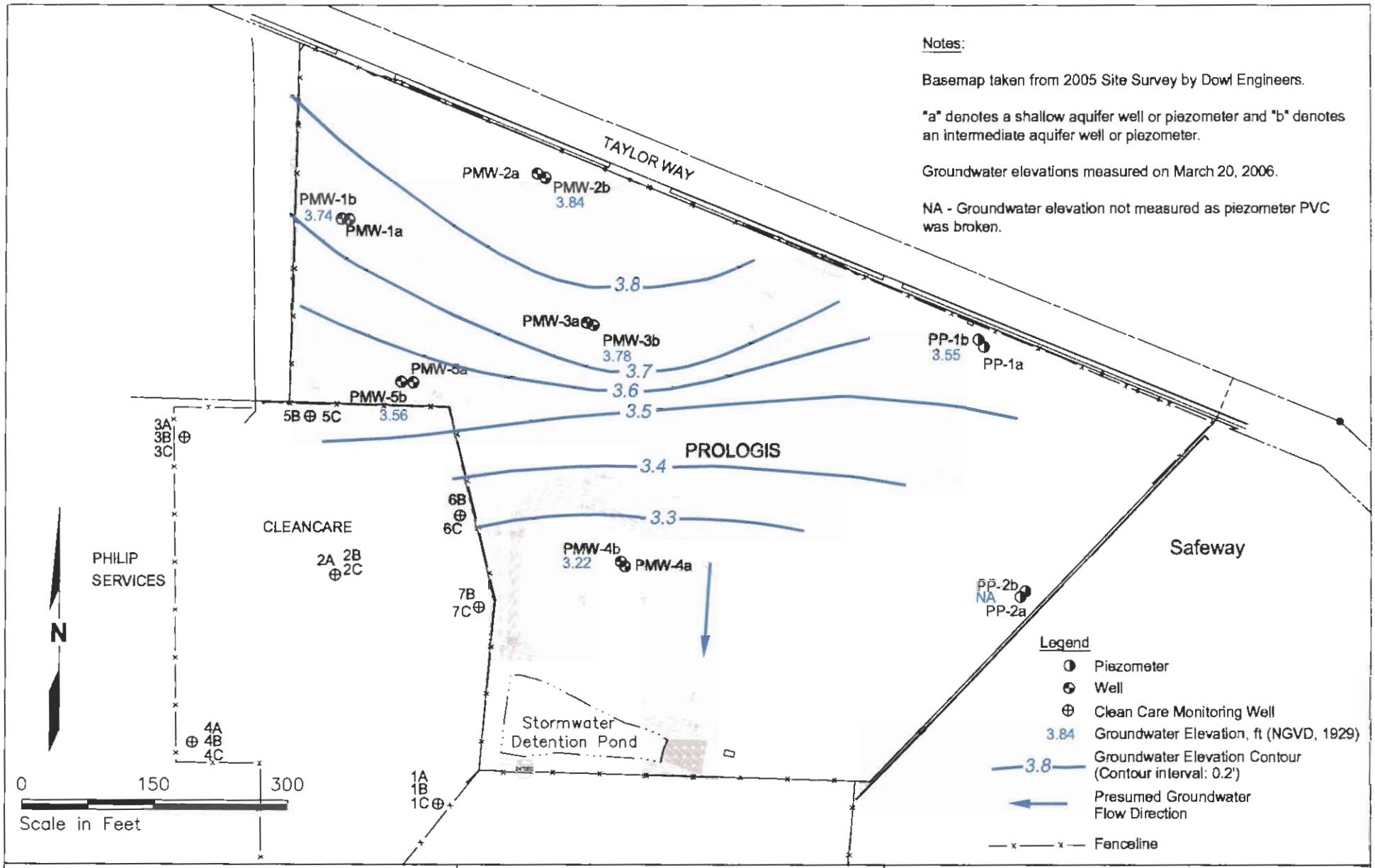
Tacoma, Washington

Figure 3.6
Groundwater Elevation Map
Intermediate Aquifer, December 2005

DATE: 06/18/08 10:12am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigationFigures\toyRem006 (Fig 3_6).dwg



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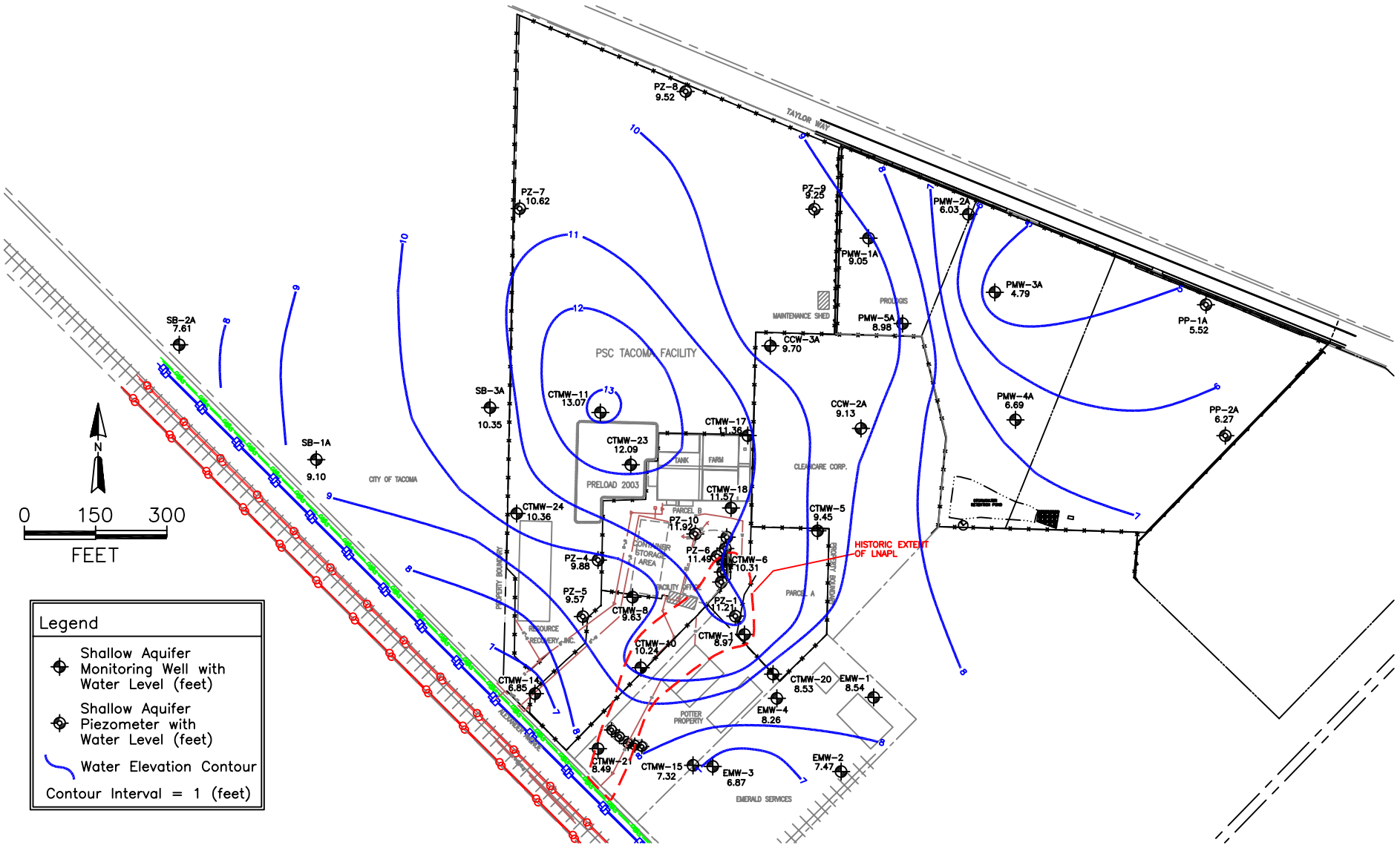
Remedial Investigation
Tacoma, Washington

Figure 3.7
Groundwater Elevation Map
Intermediate Aquifer, March 2006

DATE: 06/30/06 10:41am
DWG NAME: G:\project\Clients\Floyd and Snider\TaylorWay\RemedialInvestigationFigures\tayRem007 (Fig 3_7).dwg



PSC

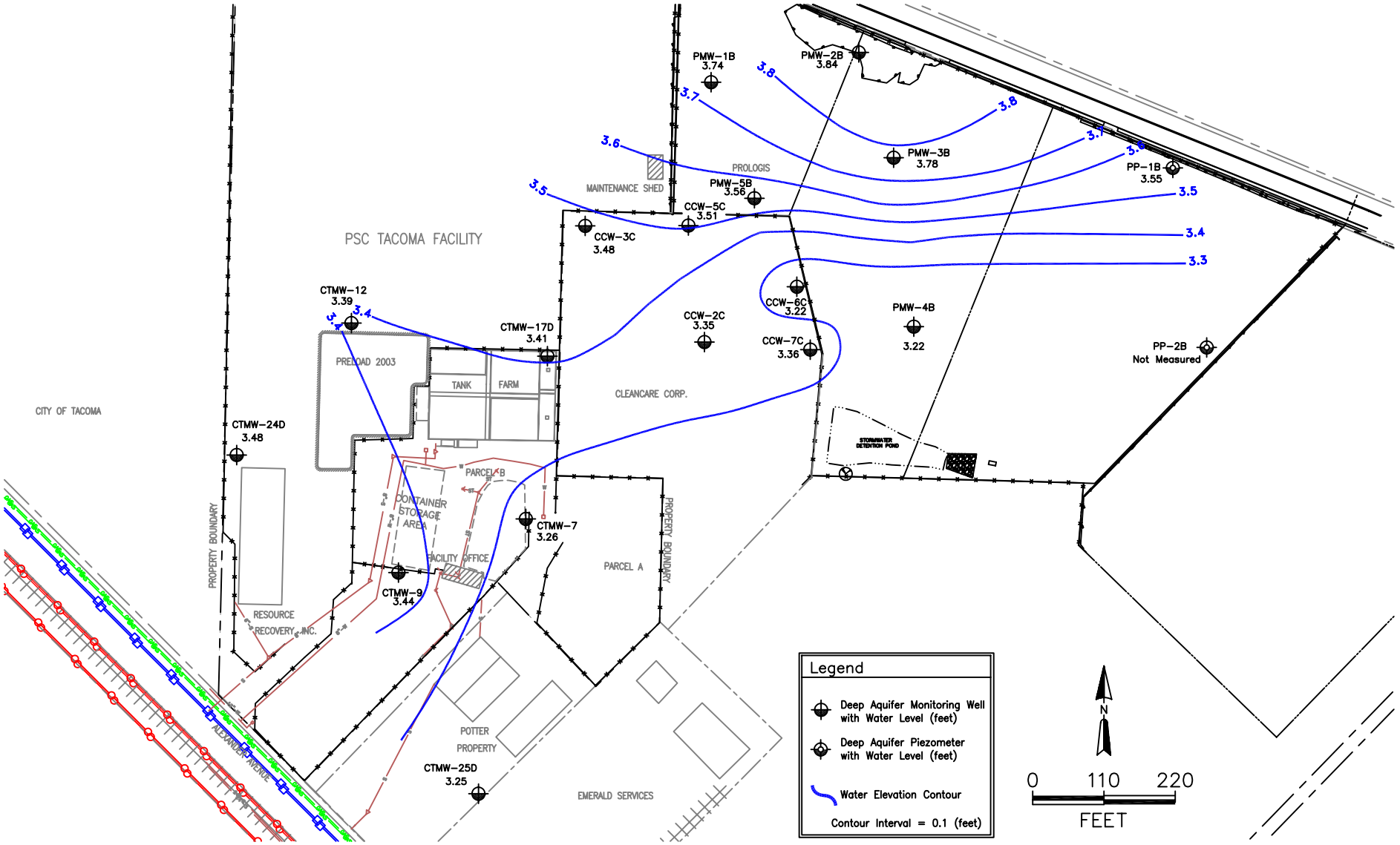
TITLE:

Groundwater Elevations

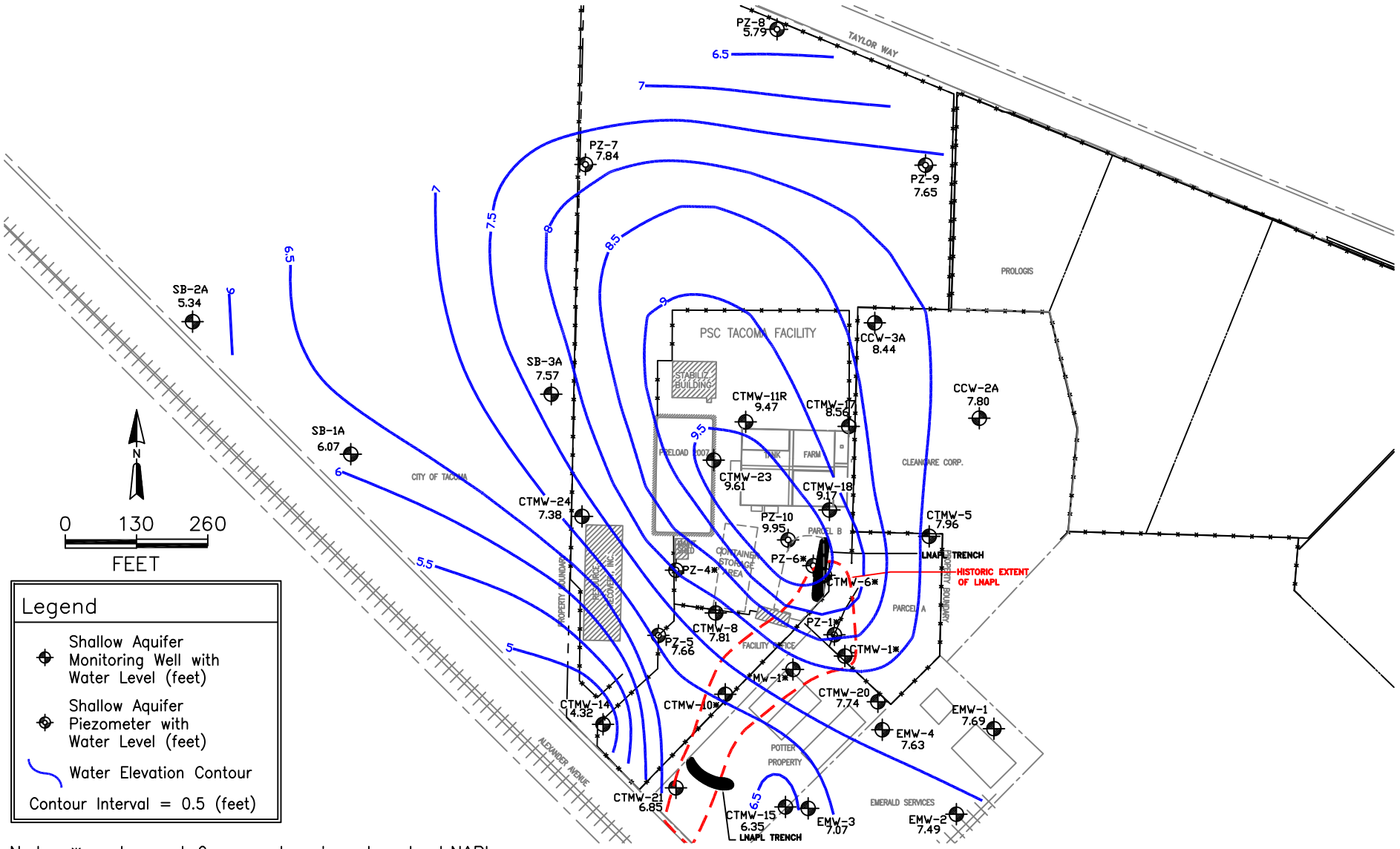
Shallow Aquifer, March 20, 2006

PSC Tacoma Facility

DWN: dtb	DES.:	PROJECT NO.: Annual 2006
CHKD:	APPD:	
DATE: 3/26/07	REV.:	FIGURE NO.: 1

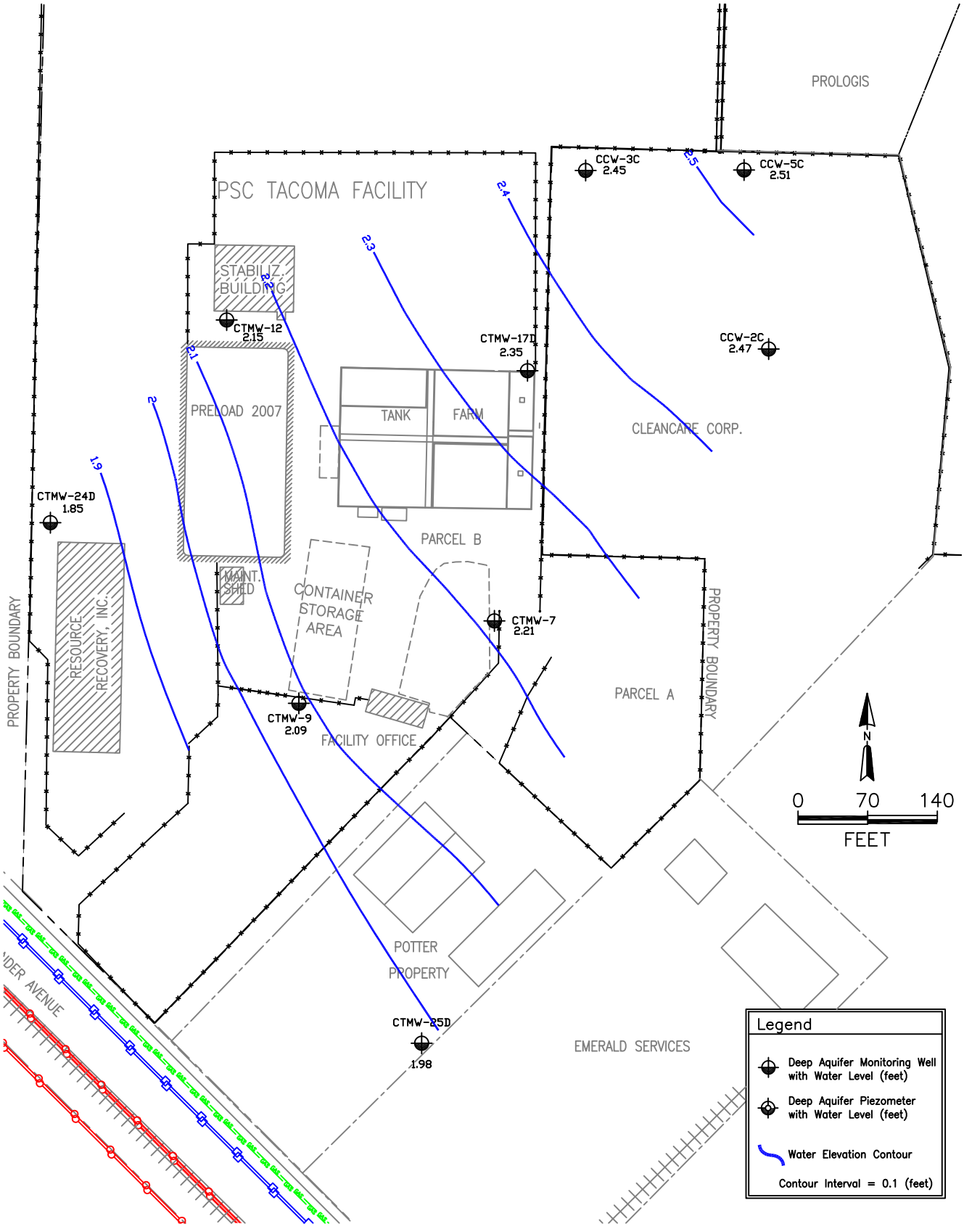


PSC	TITLE: Groundwater Elevations Deep Aquifer, March 20, 2006 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2006
		CHKD:	APPD:	FIGURE NO.: 3
		DATE: 3/26/07	REV.:	

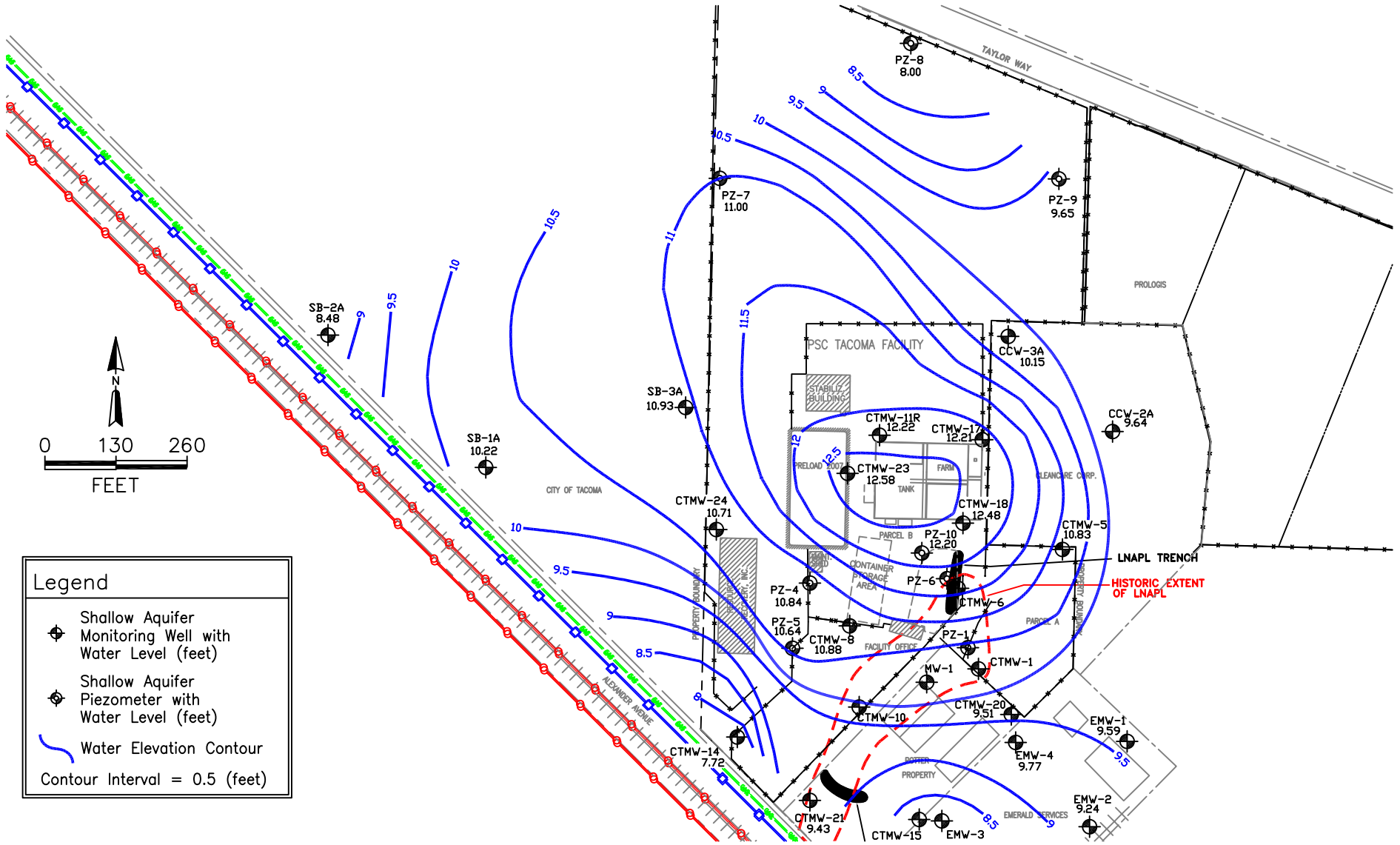


Note: * not used for contouring due to LNAPL.

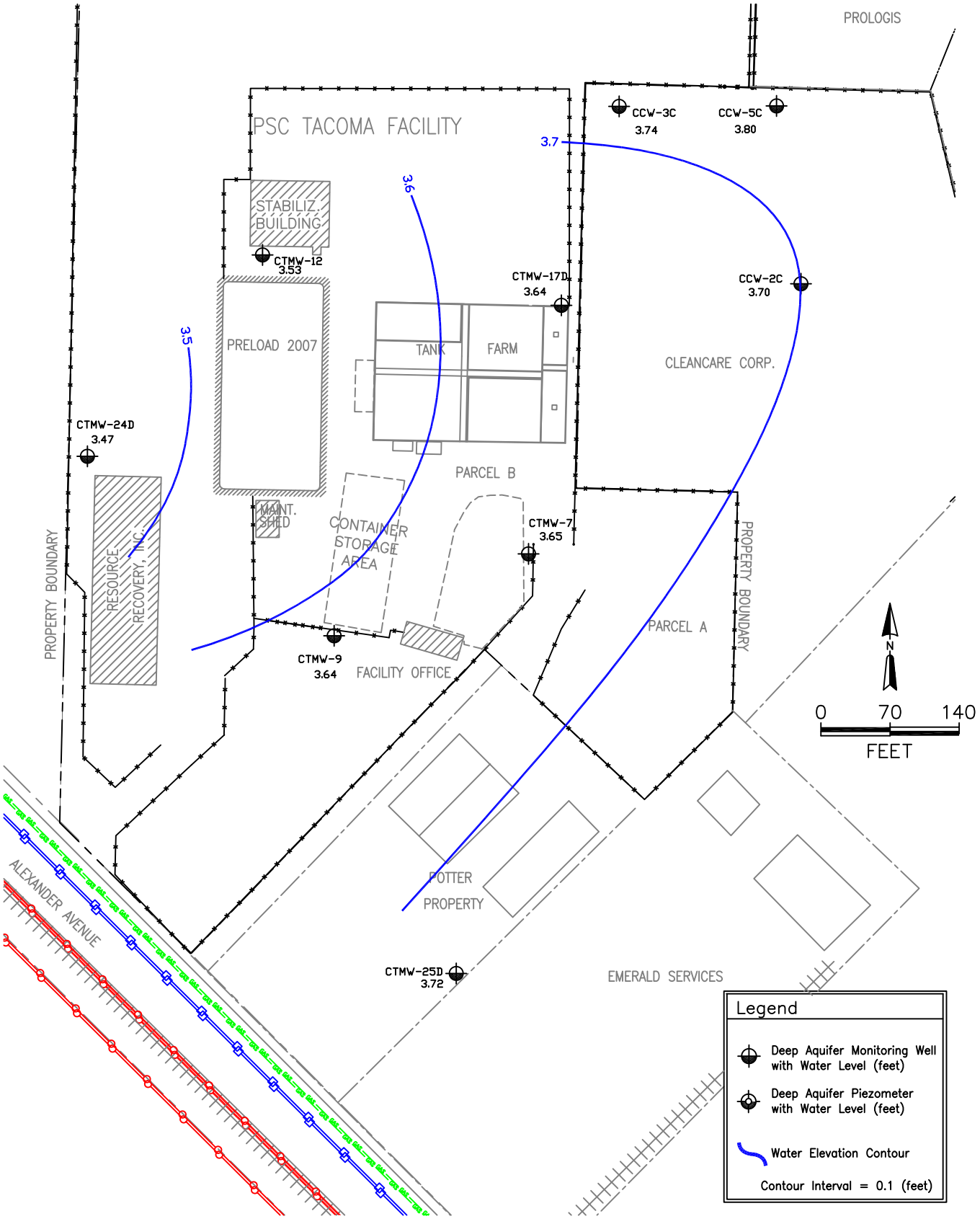
TITLE: Groundwater Elevations Shallow Aquifer, August 31, 2010 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: 3Q10
	CHKD:	APPD:	FIGURE NO.: 2
	DATE: 12/21/10	REV.:	



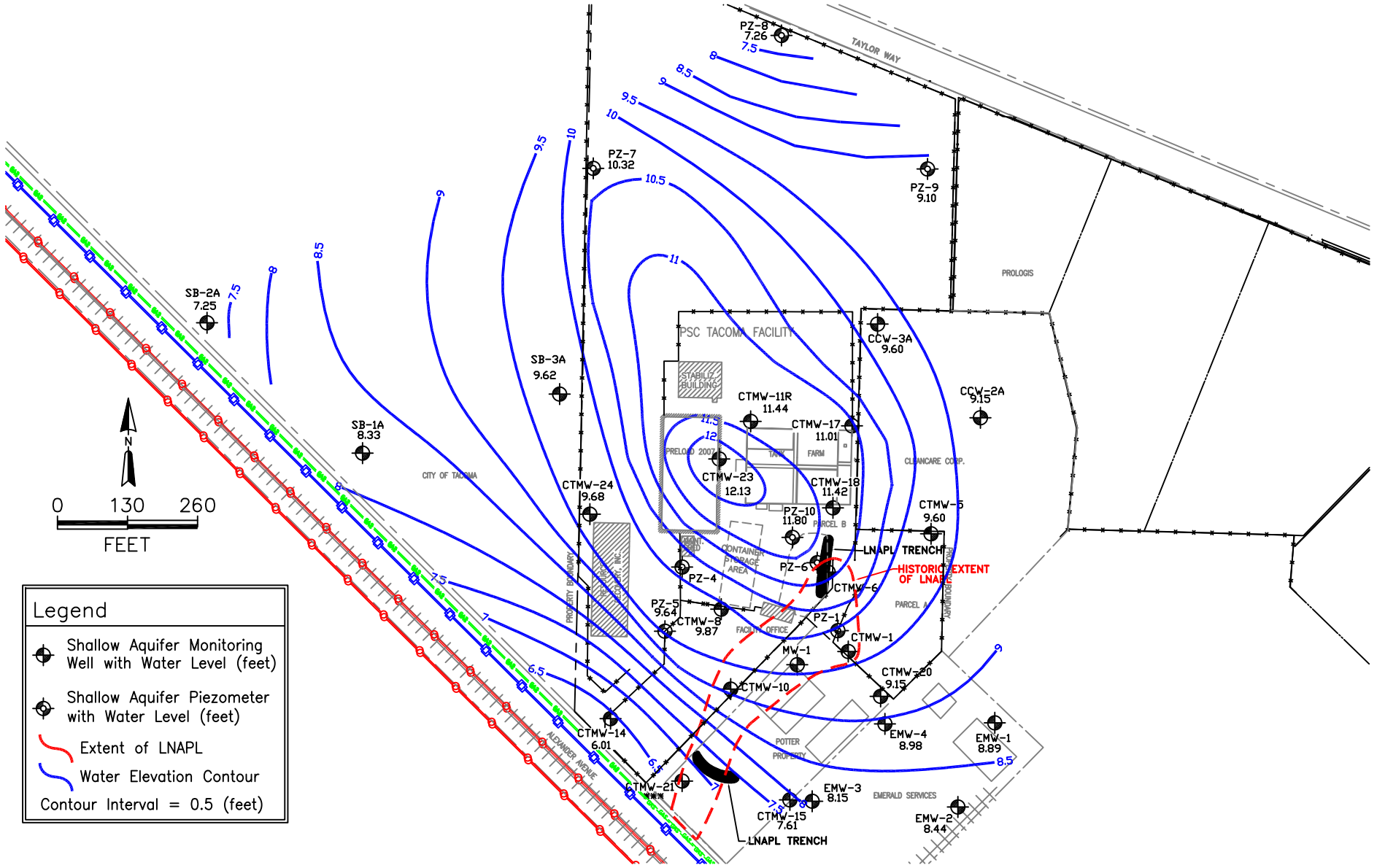
PSC	TITLE: Groundwater Elevations Deep Aquifer, August 31, 2010 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: 3Q10
		CHKD:	APPD:	
		DATE: 12/21/10	REV.:	FIGURE NO.: 4



TITLE: Groundwater Elevations Shallow Aquifer, March 7, 2011 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2011
	CHKD:	APPD:	FIGURE NO.: 2
	DATE: 2/29/12	REV.:	



PSC	TITLE: Groundwater Elevations Deep Aquifer, March 7, 2011 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2011
		CHKD:	APPD:	
		DATE: 2/29/12	REV.:	FIGURE NO.: 4

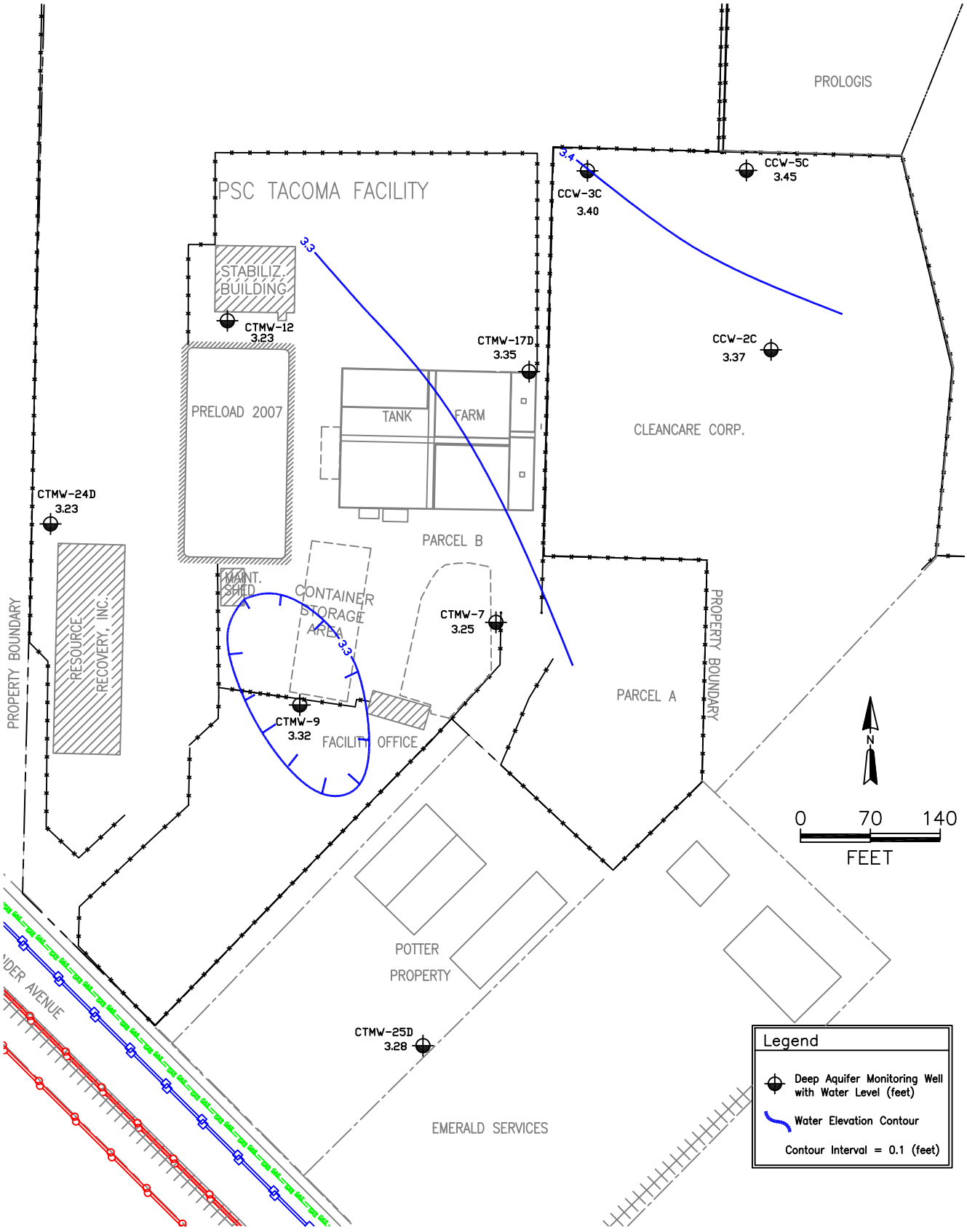


PSC

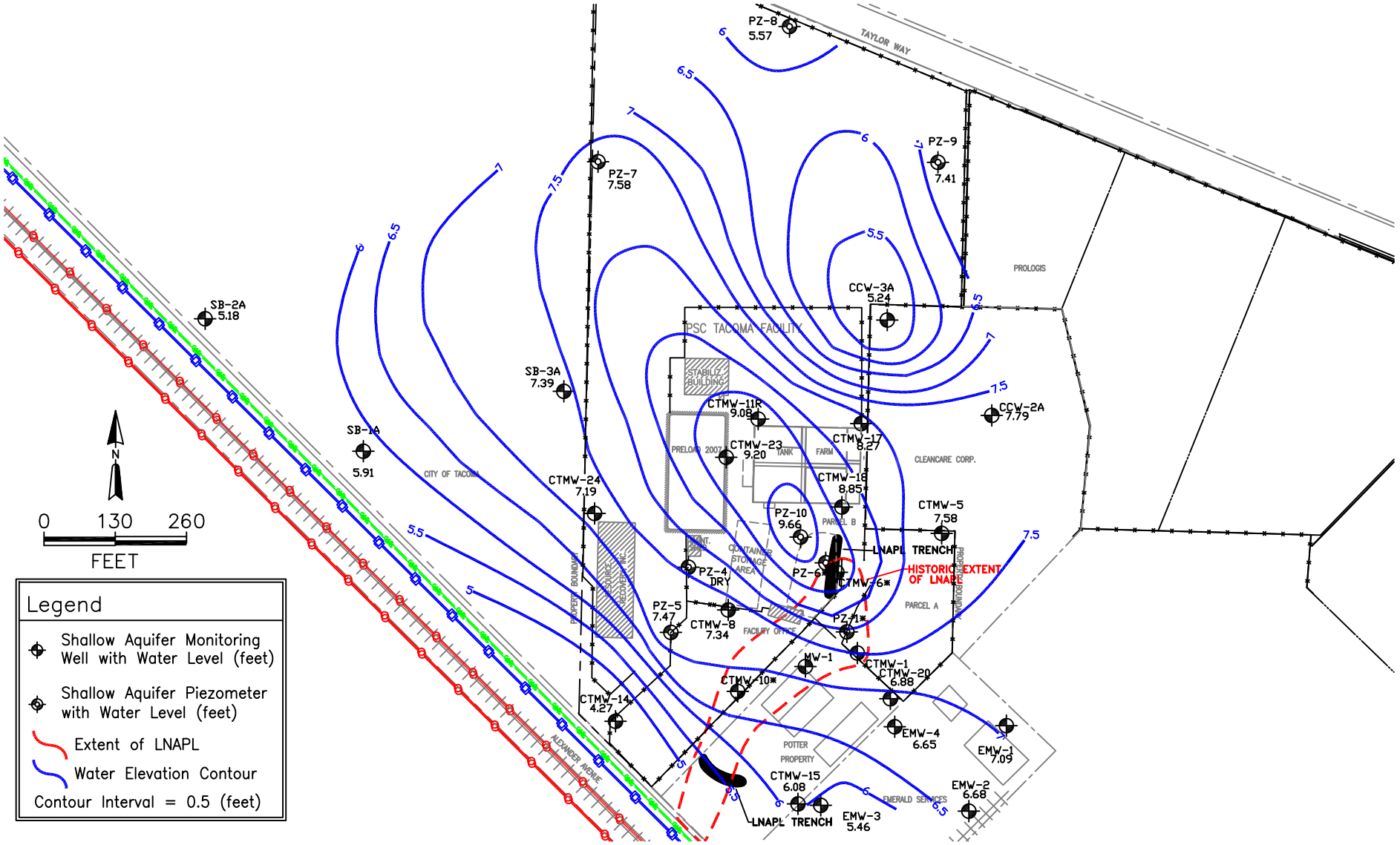
TITLE:

Groundwater Elevations
Shallow Aquifer, June 6, 2011
PSC Tacoma Facility

DWN: dtb	DES.:	PROJECT NO.: Annual 2011	
CHKD:	APPD:	FIGURE NO.: 5	
DATE: 2/29/12	REV.:		

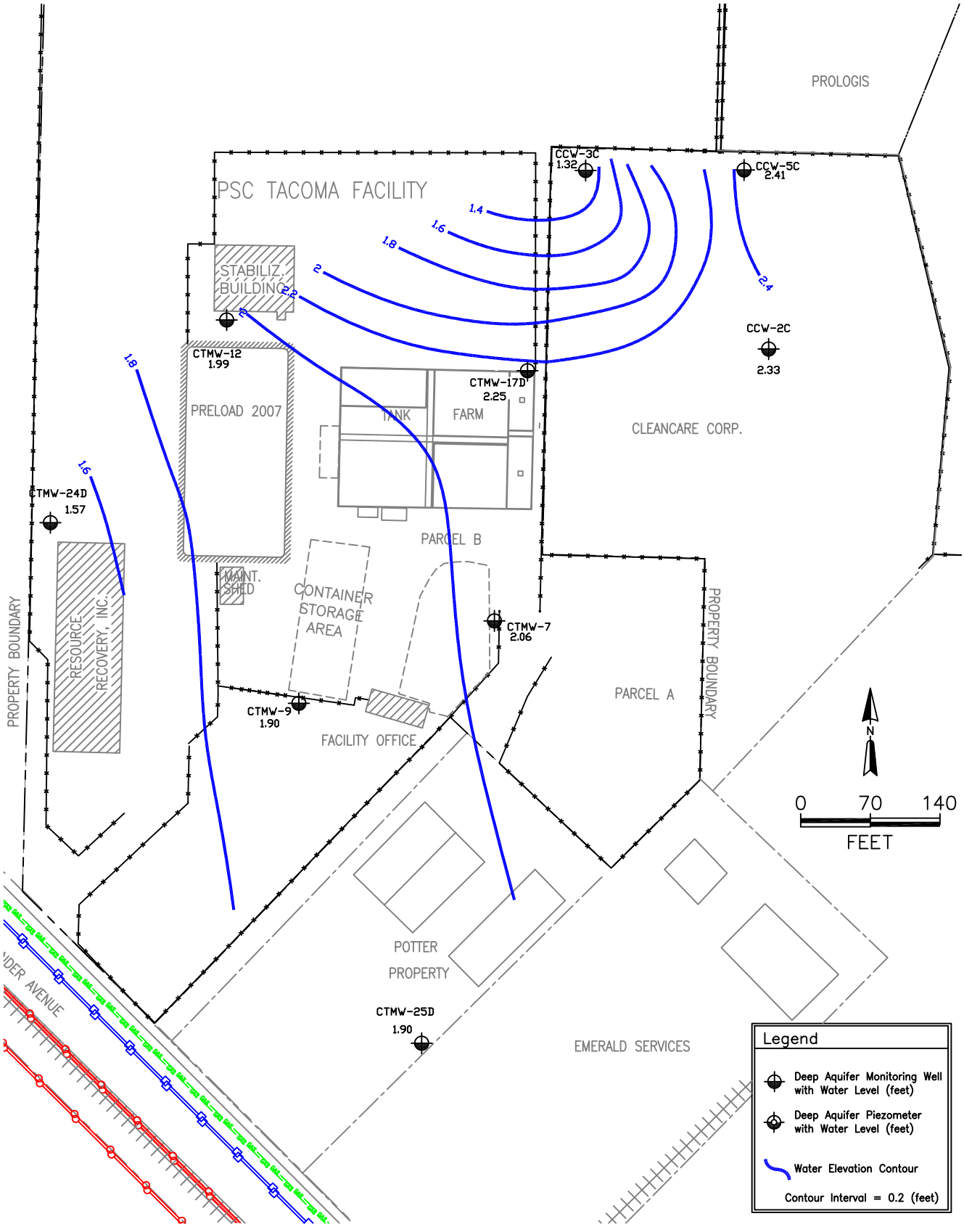


PSC	TITLE: Groundwater Elevations Deep Aquifer, June 6, 2011 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2011
		CHKD:	APPD:	
		DATE: 2/29/12	REV.:	FIGURE NO.: 7

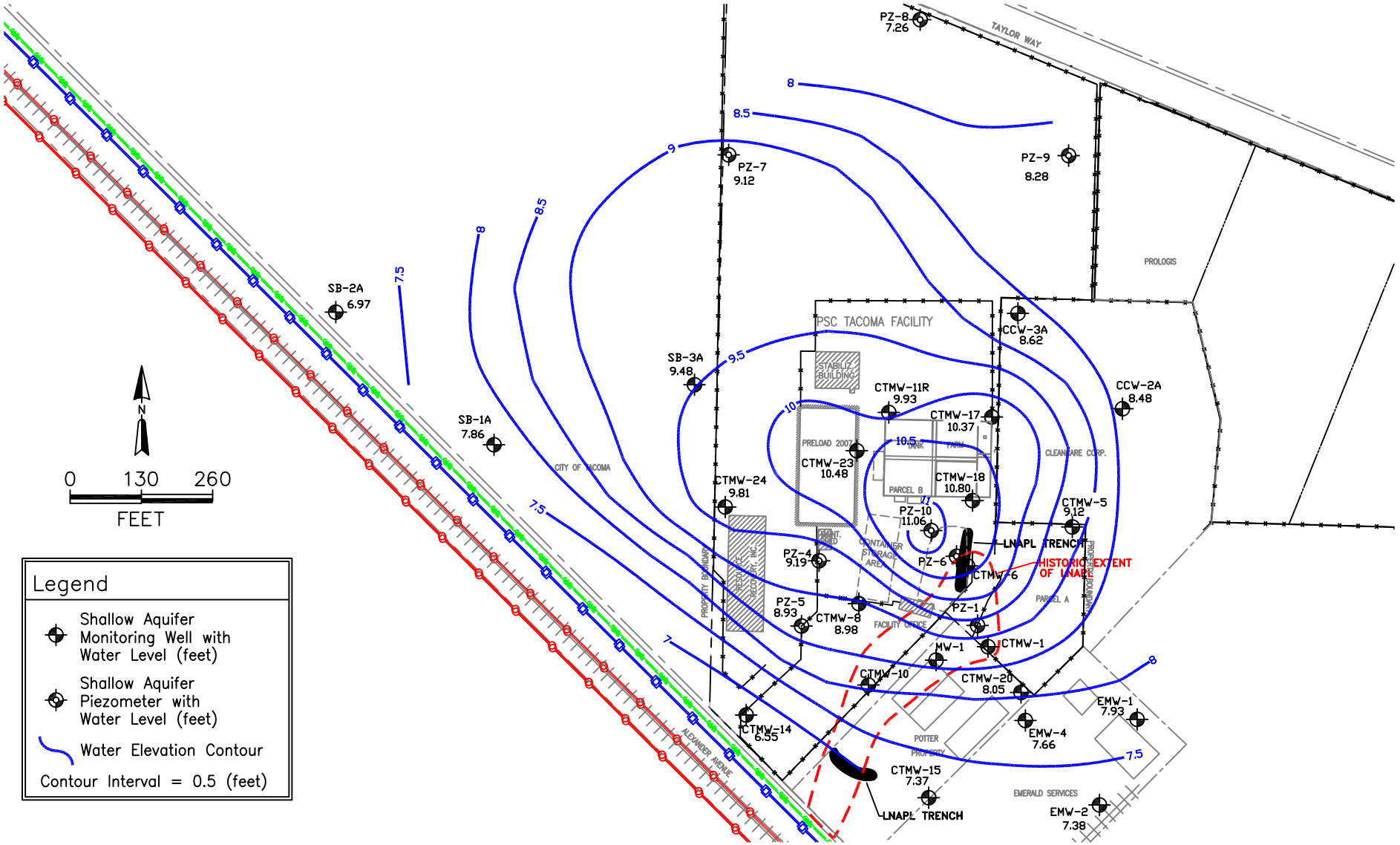


* Wells with LNAPL, no water level data used to contour map.

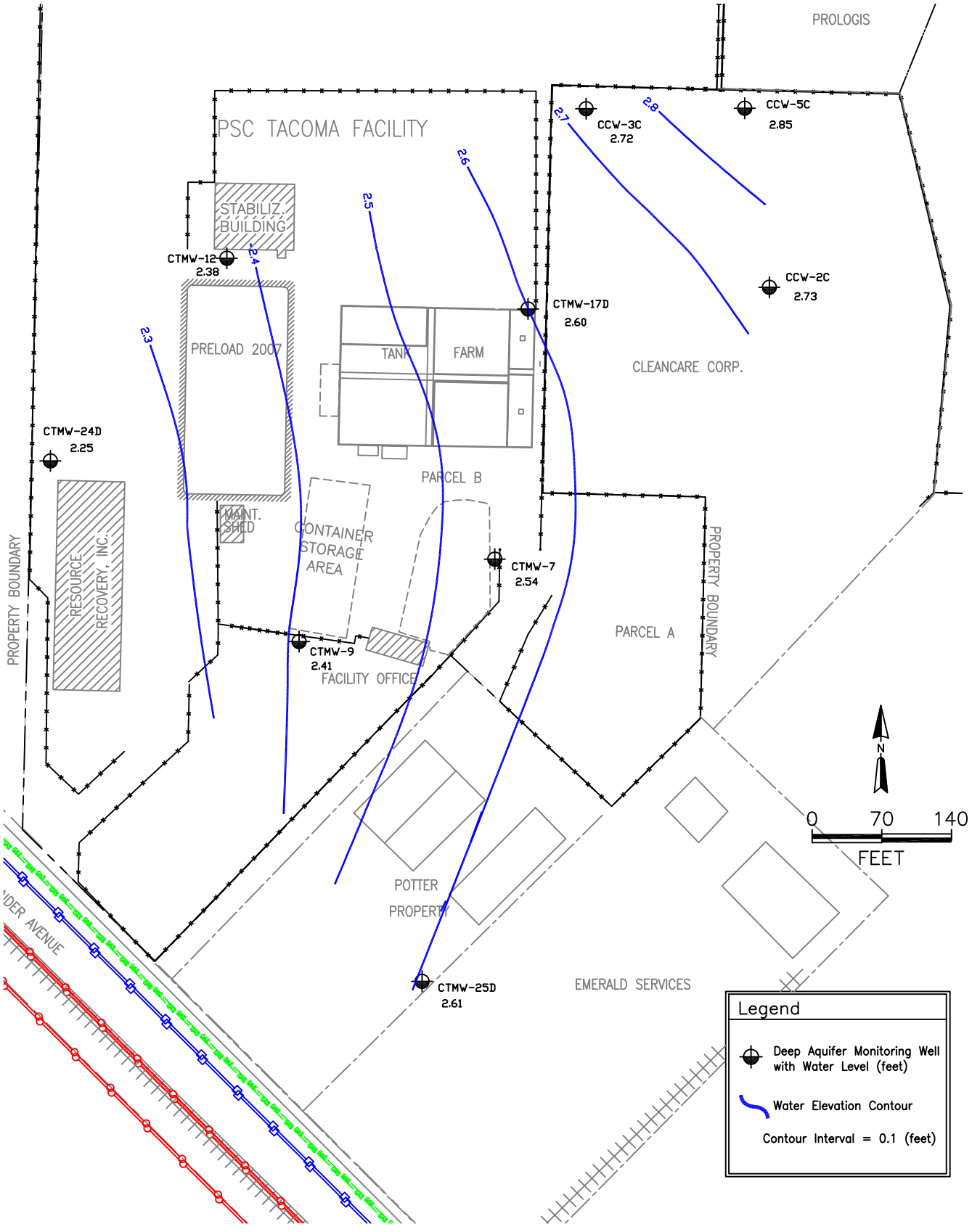
TITLE: Groundwater Elevations Shallow Aquifer, September 6, 2011 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2011
	CHKD:	APPD:	FIGURE NO.: 8
	DATE: 2/29/12	REV.:	



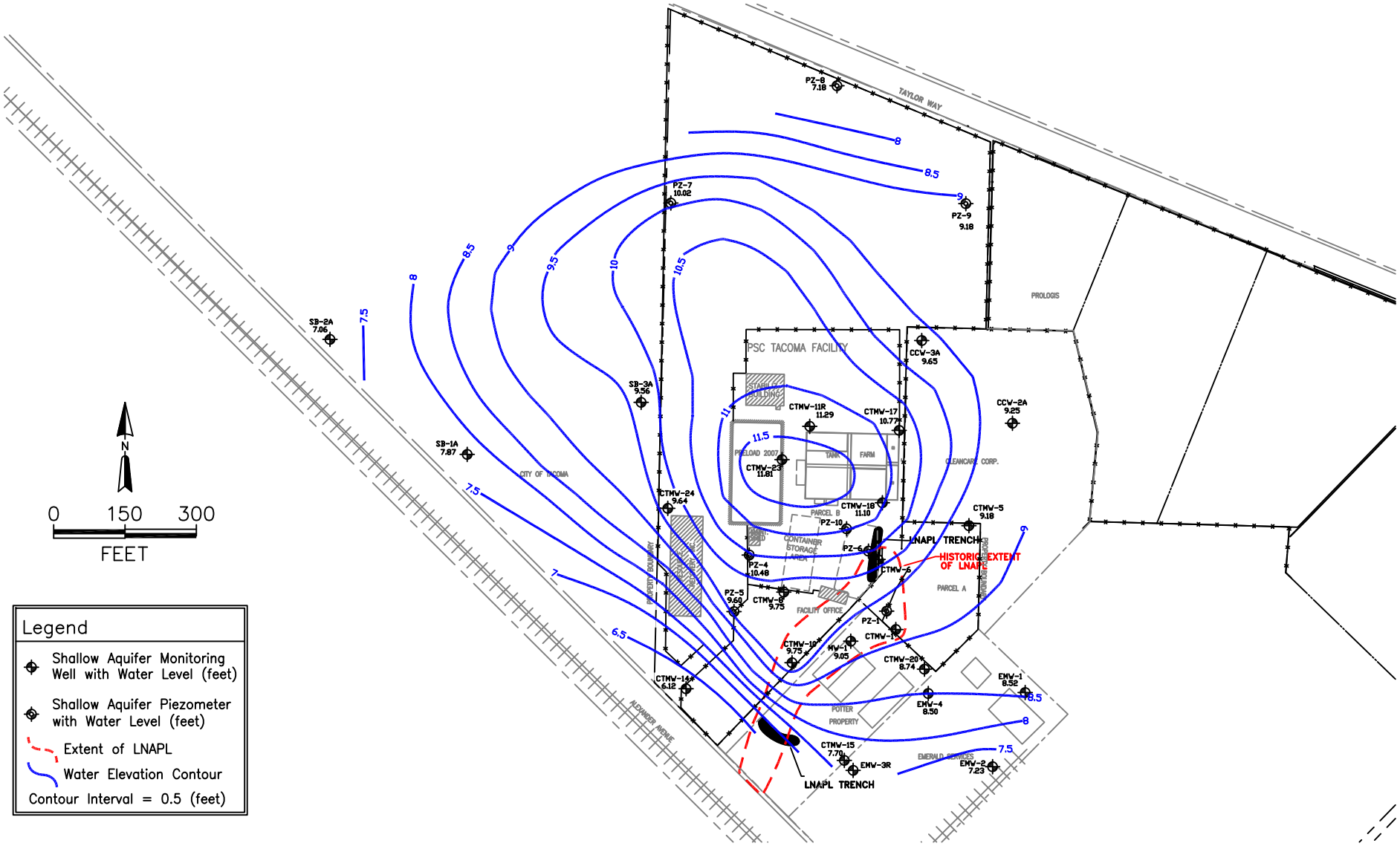
PSC	TITLE: Groundwater Elevations Deep Aquifer, September 6, 2011 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2011
		CHKD:	APPD:	
		DATE: 2/29/12	REV.:	FIGURE NO.: 10



PSC	TITLE: Groundwater Elevations Shallow Aquifer, December 5, 2011 PSC Tacoma Facility	DWN: dtb / DES.:	PROJECT NO.: Annual 2011
		CHKD: / APPD:	FIGURE NO.: 11
		DATE: 2/29/12 / REV.:	



PSC	TITLE: Groundwater Elevations Deep Aquifer, December 5, 2011 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2011
		CHKD:	APPD:	
		DATE: 2/29/12	REV.:	FIGURE NO.: 13

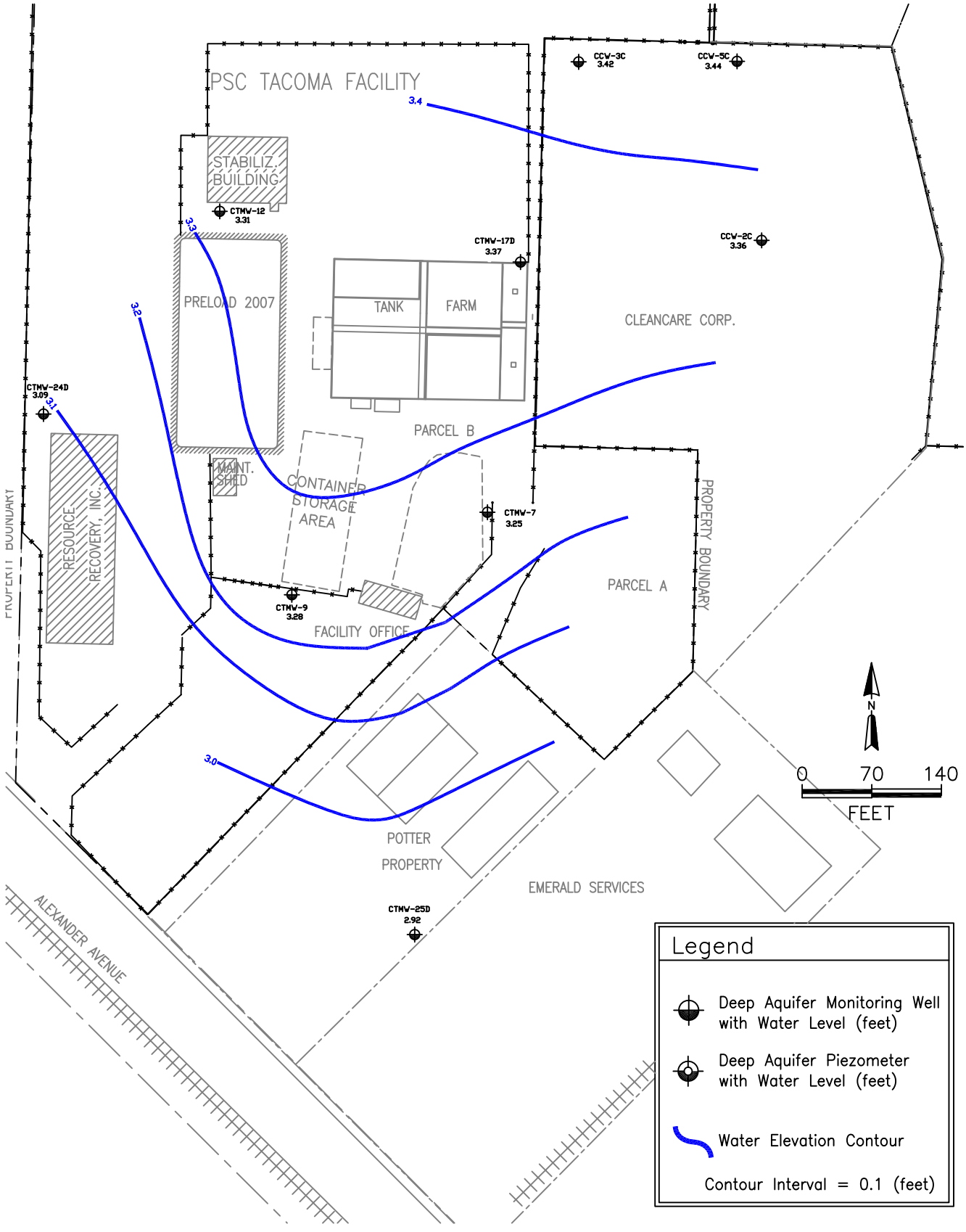


PSC

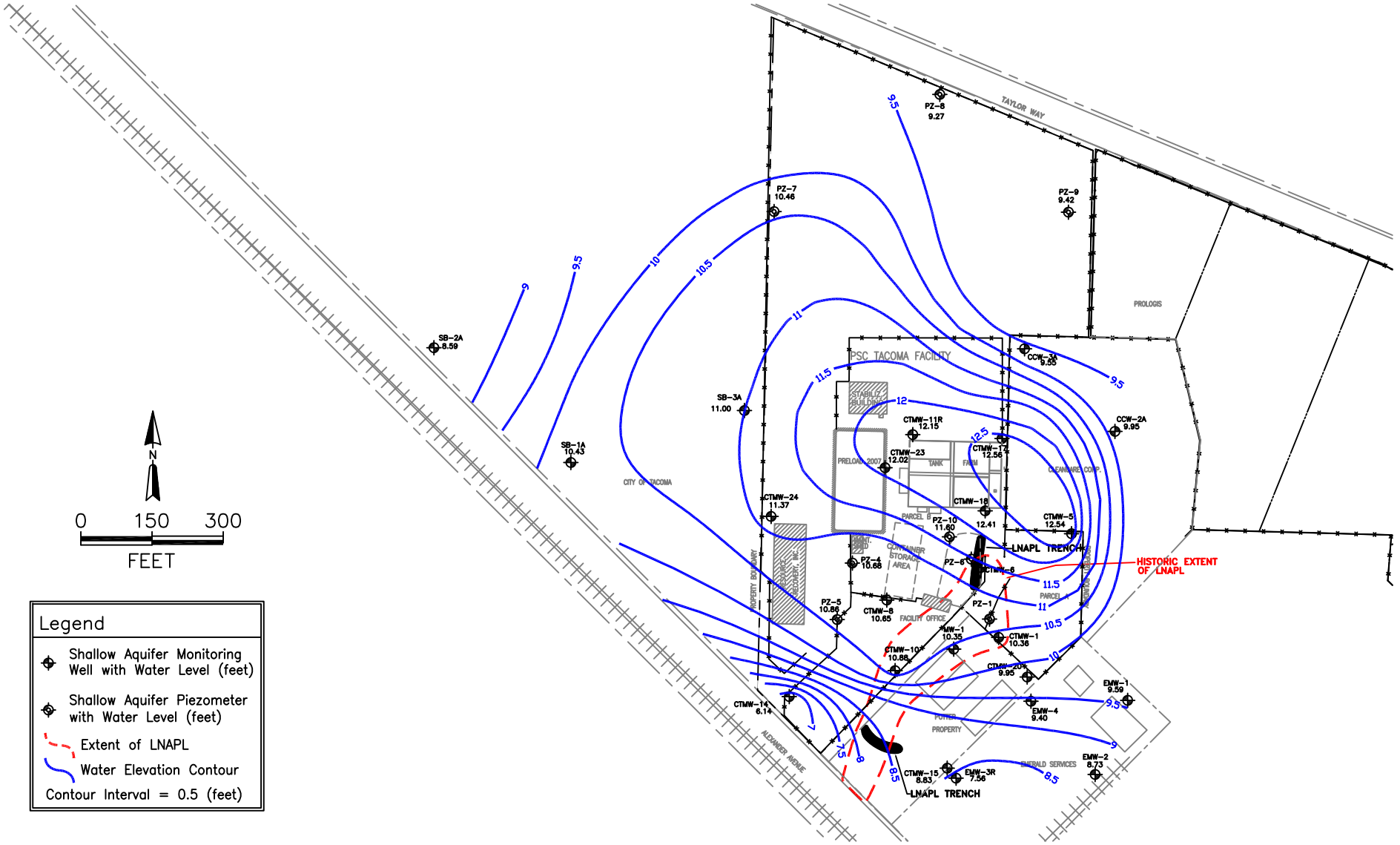
TITLE:

Groundwater Elevations
Shallow Aquifer, June 4, 2012
PSC Tacoma Facility

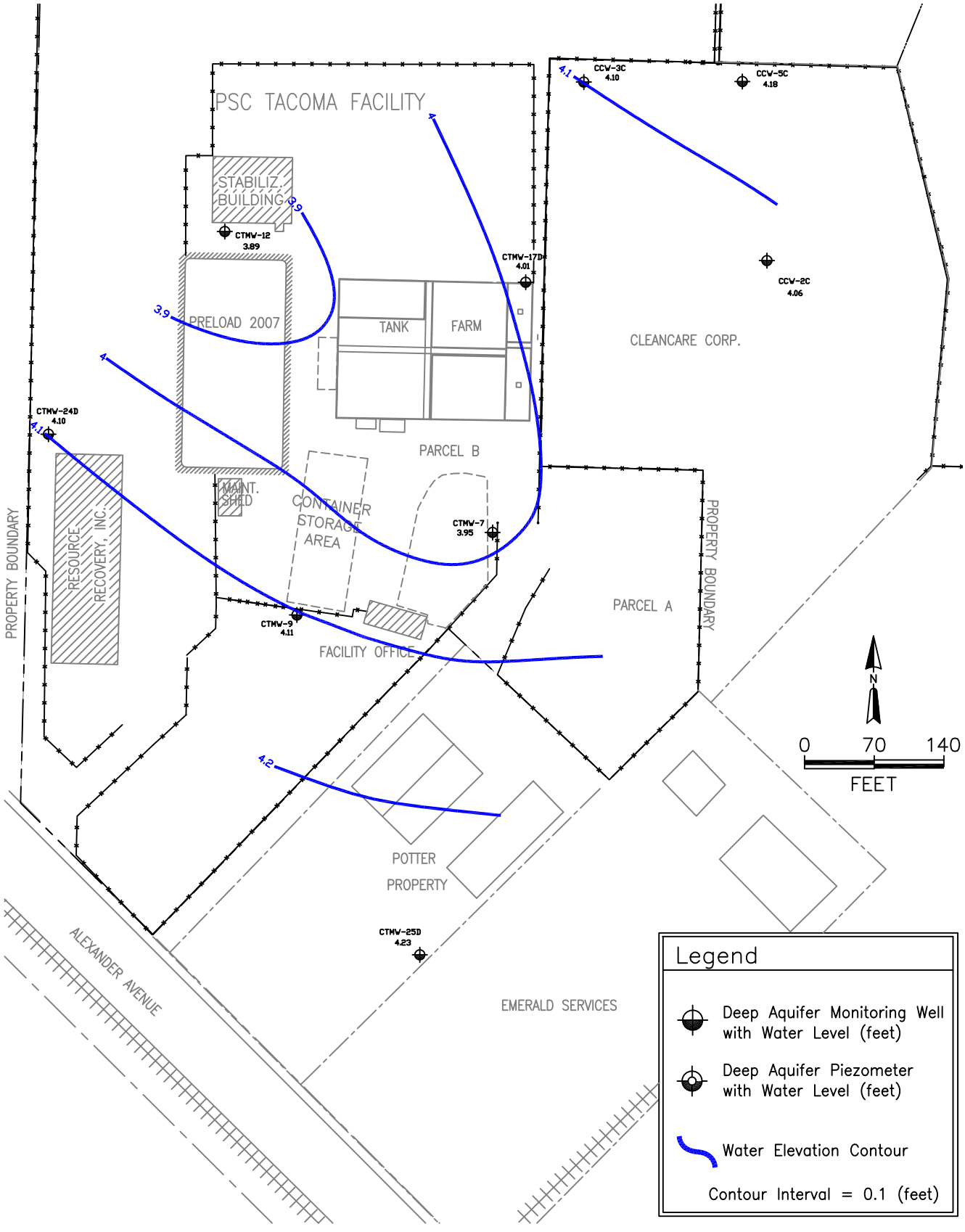
DWN:	DES.:	PROJECT NO.:
dtb		2Q12
CHKD:	APPD:	FIGURE NO.:
DATE: 3/20/13	REV.:	2



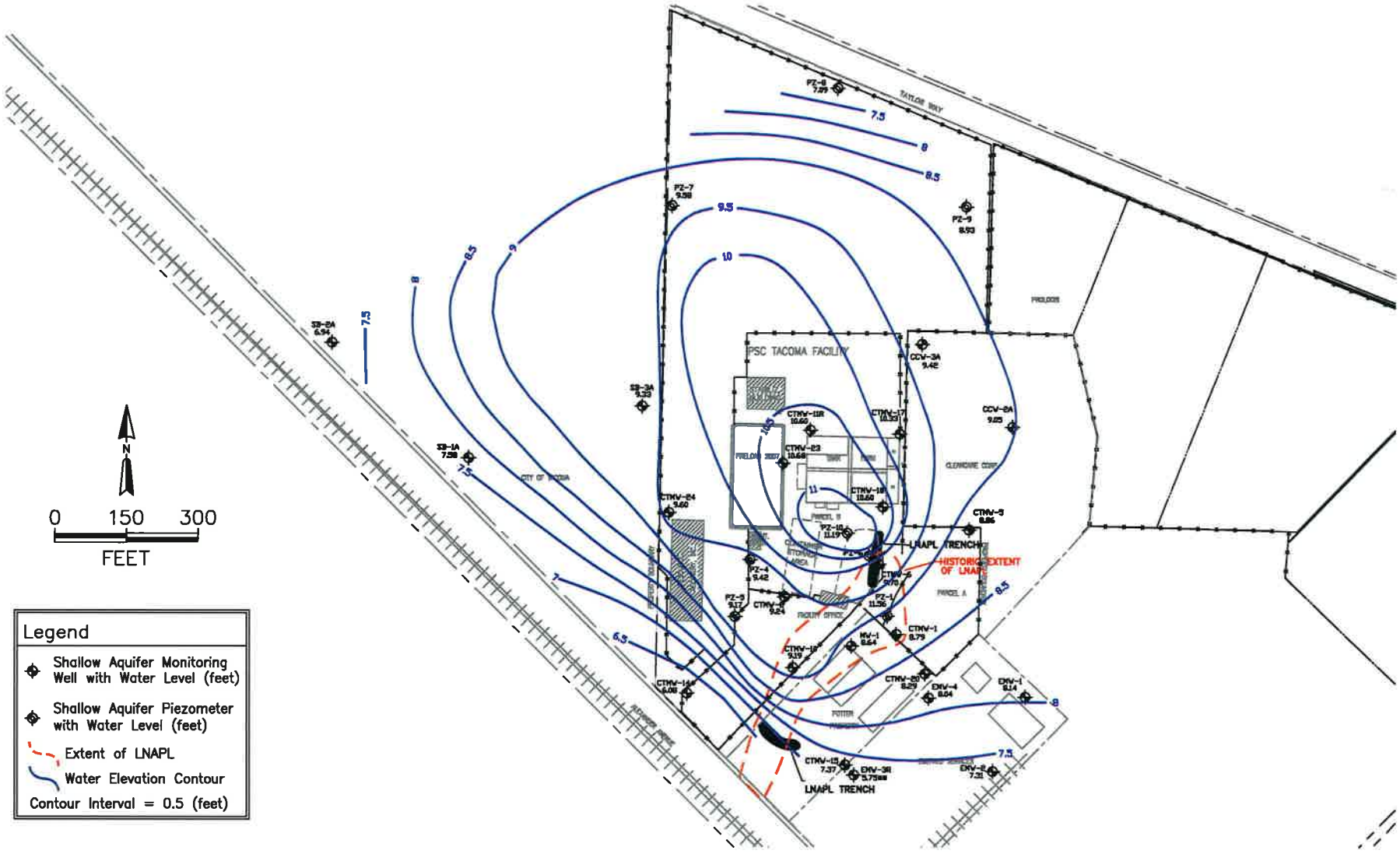
PSC	TITLE: Groundwater Elevations Deep Aquifer, June 4, 2013 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: 2Q12
		CHKD:	APPD:	
		DATE: 3/21/13	REV.:	FIGURE NO.: 4



PSC	TITLE: Groundwater Elevations Shallow Aquifer, December 3, 2012 PSC Tacoma Facility	DWN: dtb / DES.:	PROJECT NO.: 4Q12
		CHKD: / APPD:	FIGURE NO.: 5
		DATE: 3/21/13 / REV.:	



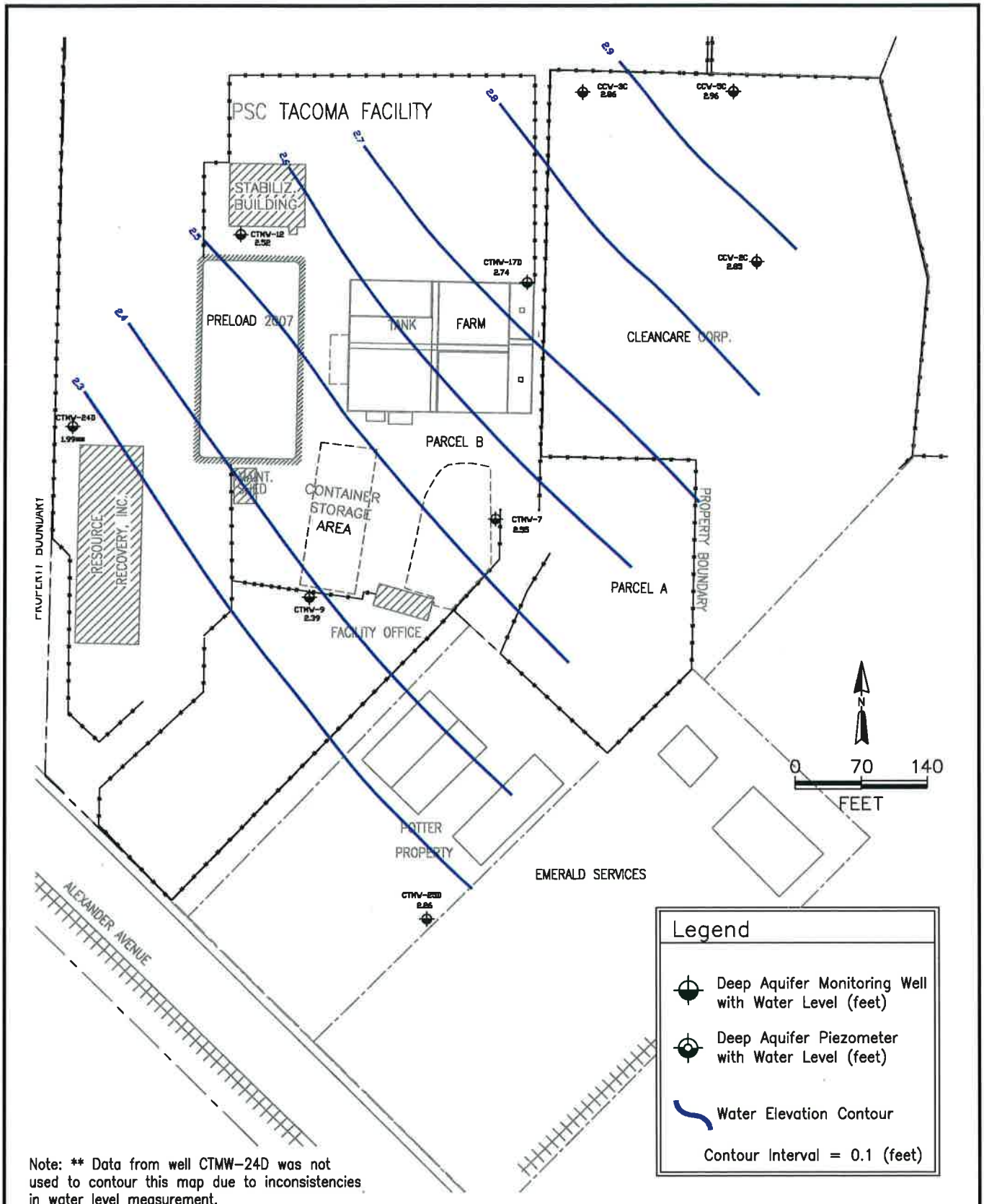
PSC	TITLE: Groundwater Elevations Deep Aquifer, December 3, 2013 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: 4Q12
		CHKD:	APPD:	
		DATE: 3/21/13	REV.:	FIGURE NO.: 7



PSC

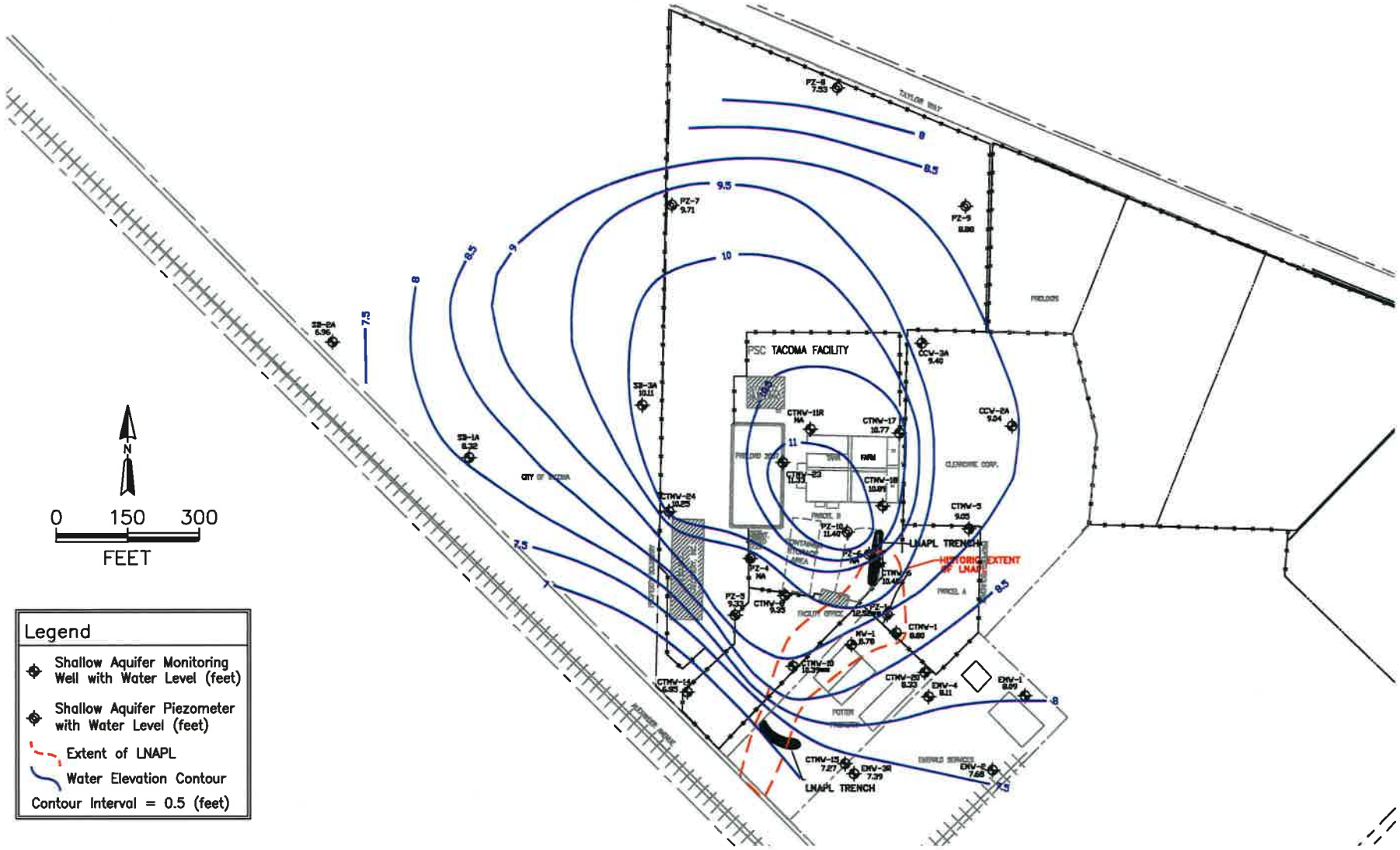
TITLE:
Groundwater Elevations
Shallow Aquifer, June 3, 2013
PSC Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		2Q13
CHKD:	APPD:	FIGURE NO.:
DATE: 3/26/14	REV.:	2



Note: ** Data from well CTMW-24D was not used to contour this map due to inconsistencies in water level measurement.

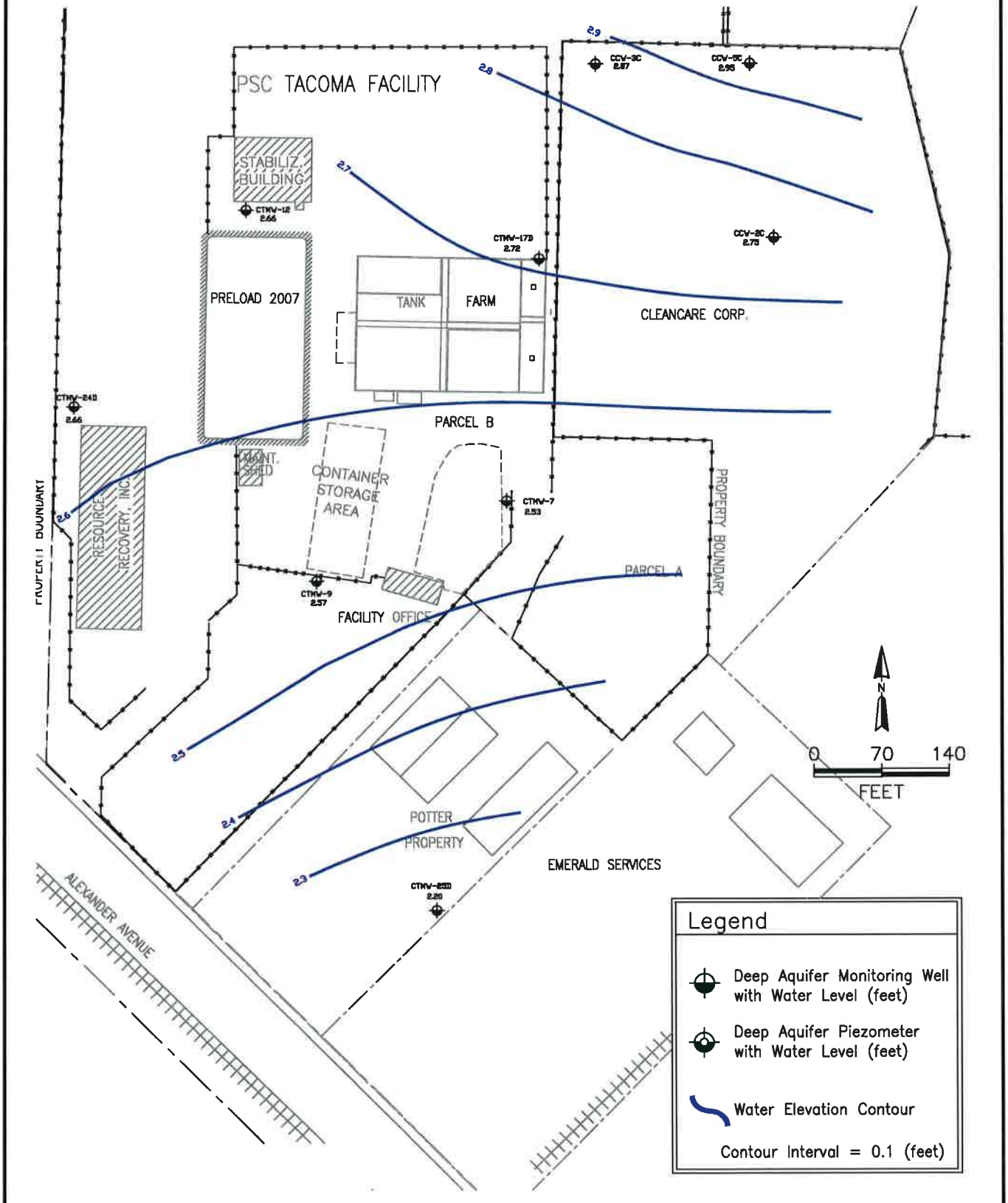
PSC	TITLE: Groundwater Elevations Deep Aquifer, June 3, 2013 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: 2Q13
		CHKD:	APPD:	FIGURE NO.: 4
		DATE: 3/26/14	REV.:	



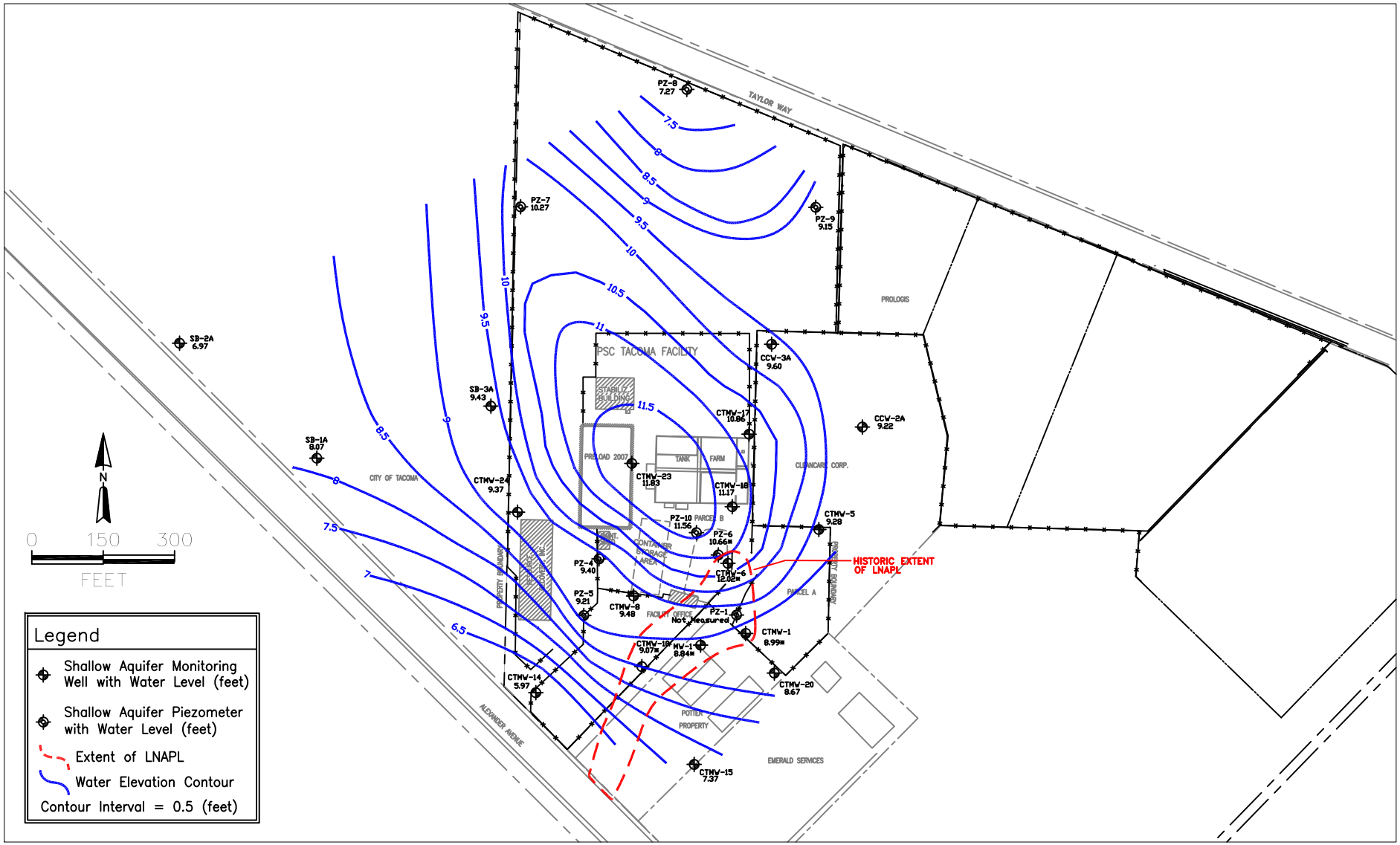
PSC

TITLE:
Groundwater Elevations
Shallow Aquifer, December 2, 2013
PSC Tacoma Facility

DWN: dtb	DES.:	PROJECT NO.: 4Q13	
CHKD:	APPD:		
DATE: 3/27/14	REV.:	FIGURE NO.: 5	



PSC	TITLE: Groundwater Elevations Deep Aquifer, December 2, 2013 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: 4Q13
		CHKD:	APPD:	
		DATE: 3/27/14	REV.:	FIGURE NO.: 7

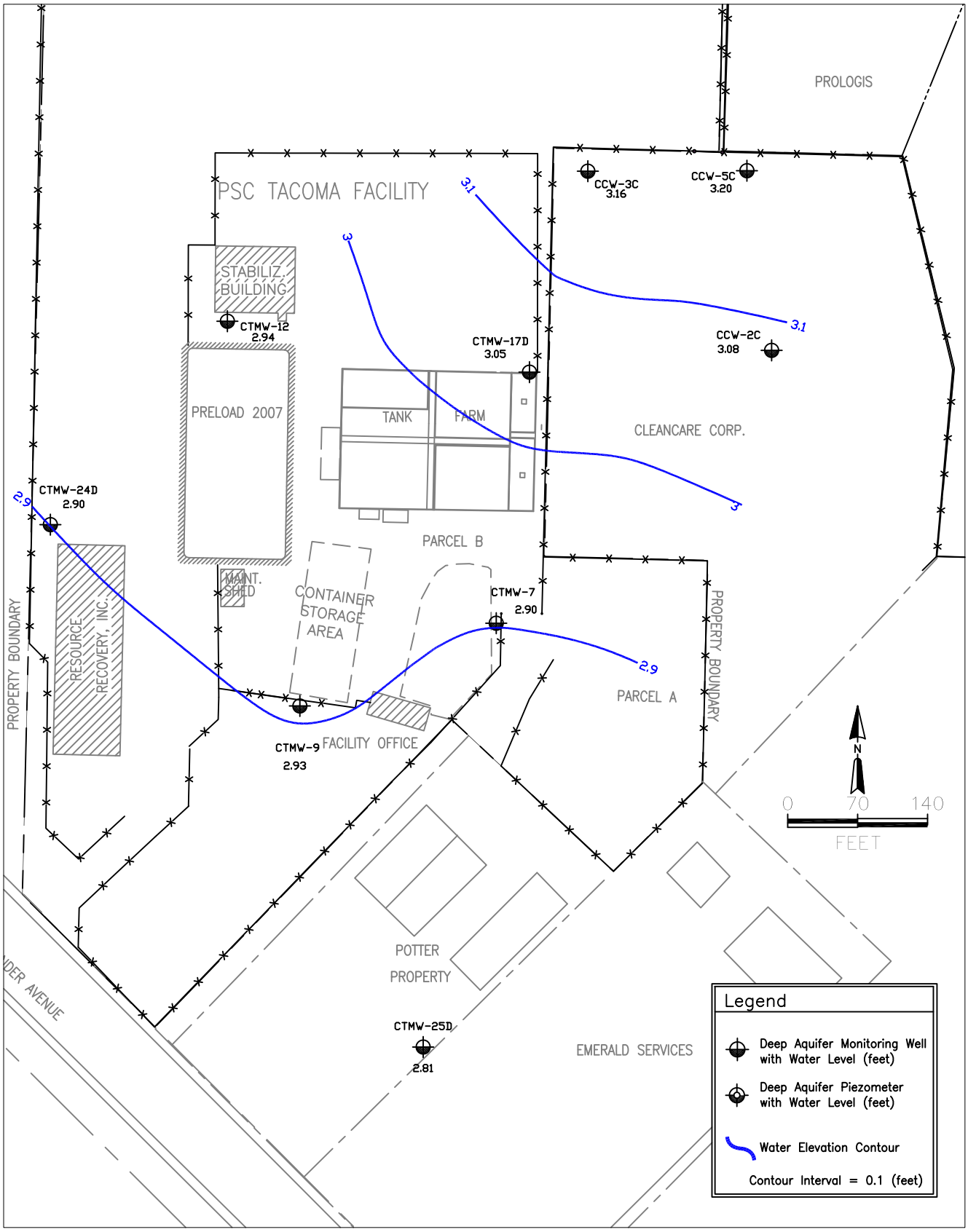


Stericycle®

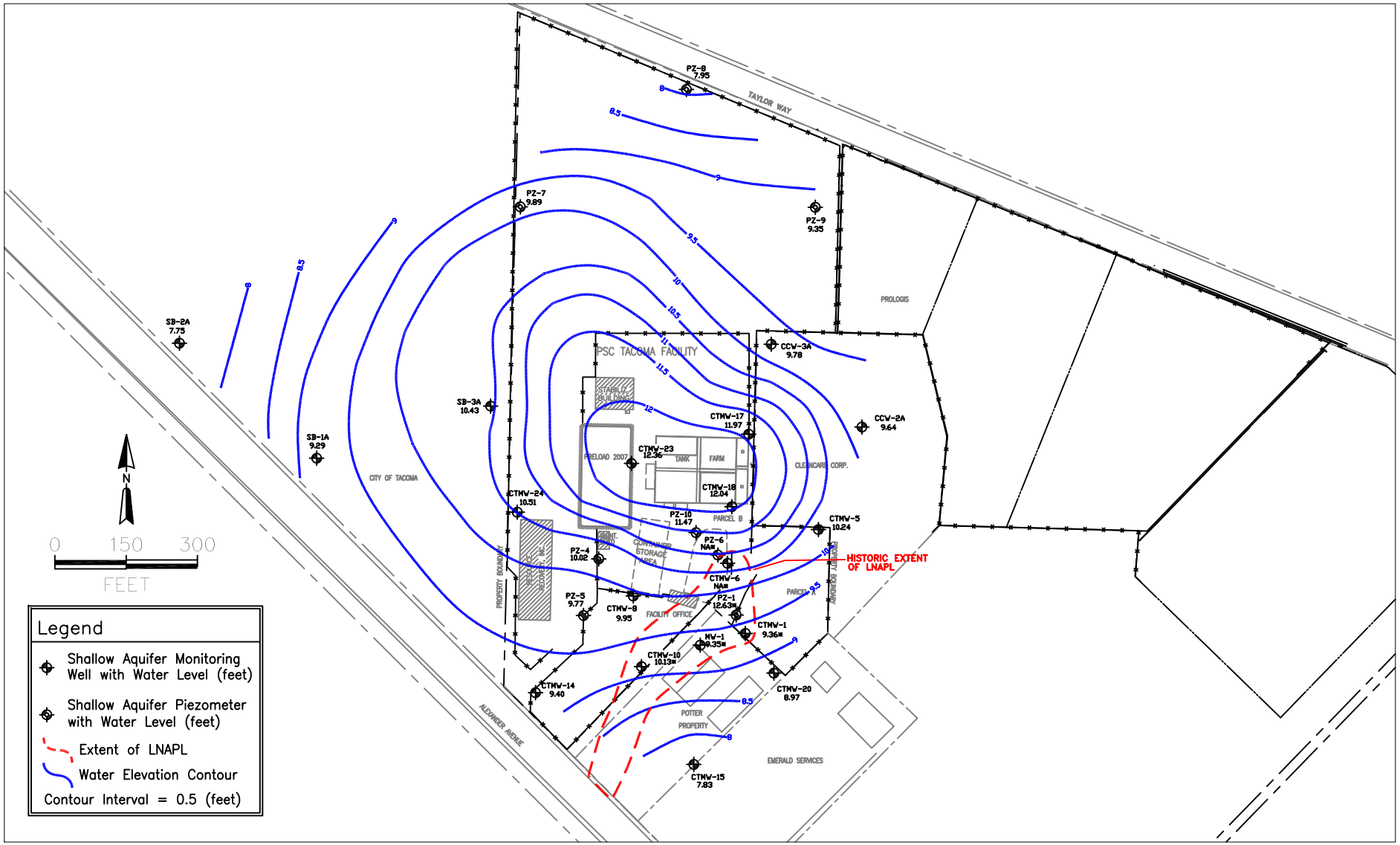
TITLE:

Groundwater Elevations
Shallow Aquifer, June 2, 2014
PSC Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		Annual 2014
CHKD:	APPD:	FIGURE NO.:
DATE: 3/11/15	REV.:	2



Stericycle	TITLE: Groundwater Elevations Deep Aquifer, June 2, 2014 PSC Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2014
		CHKD:	APPD:	
		DATE: 3/11/15	REV.:	FIGURE NO.: 4

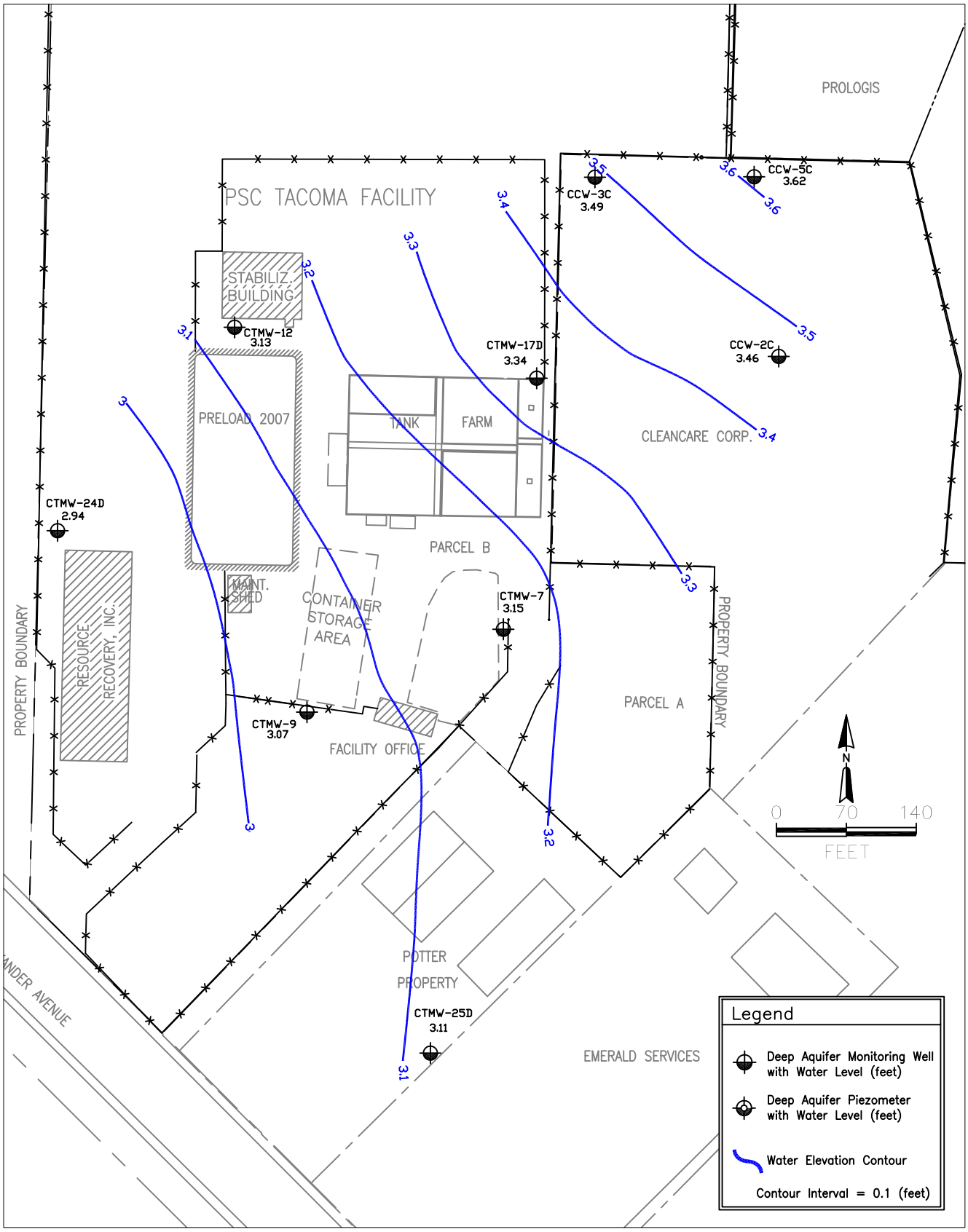


Stericycle®

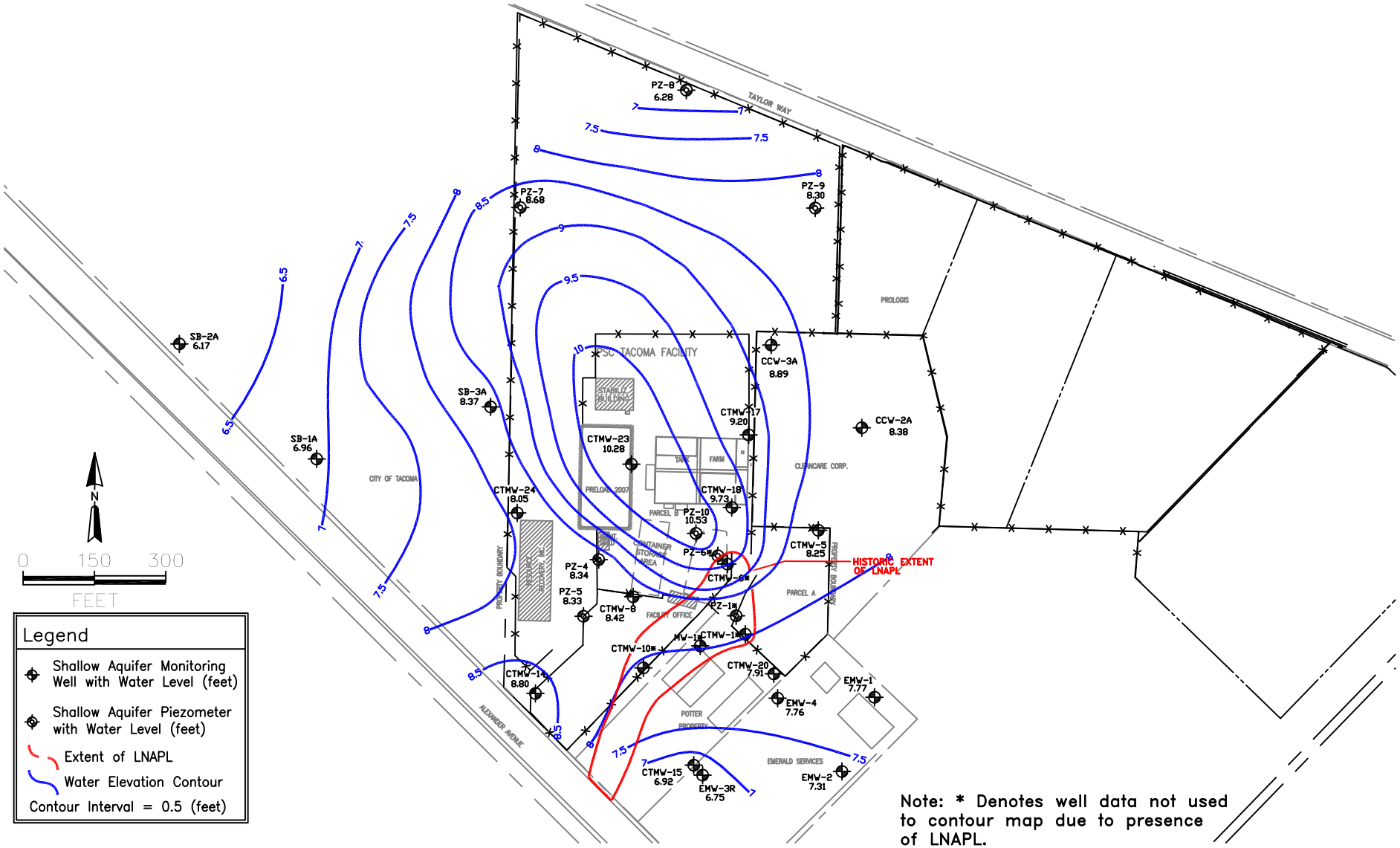
TITLE:

Groundwater Elevations
Shallow Aquifer, December 1, 2014
PSC Tacoma Facility

DWN: dtb	DES.:	PROJECT NO.: Annual 2014	
CHKD:	APPD:		
DATE: 3/11/15	REV.:	FIGURE NO.: 5	



Stericycle	TITLE: Groundwater Elevations Deep Aquifer, December 1, 2014 PSC Tacoma Facility	DWN: dtb / DES.:	PROJECT NO.: Annual 2014
		CHKD: / APPD:	
		DATE: 3/11/15 / REV.:	FIGURE NO.: 7

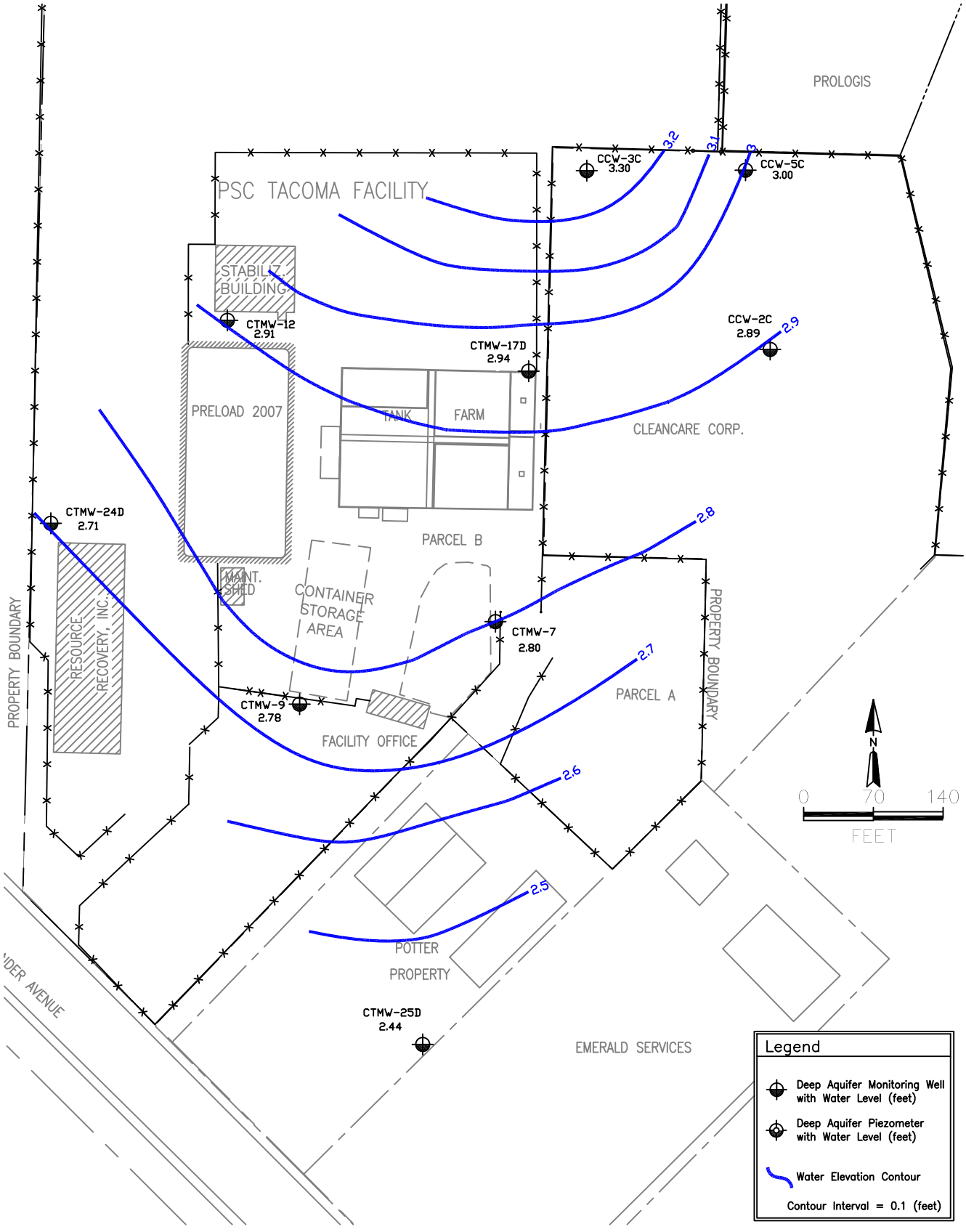


Stericycle®

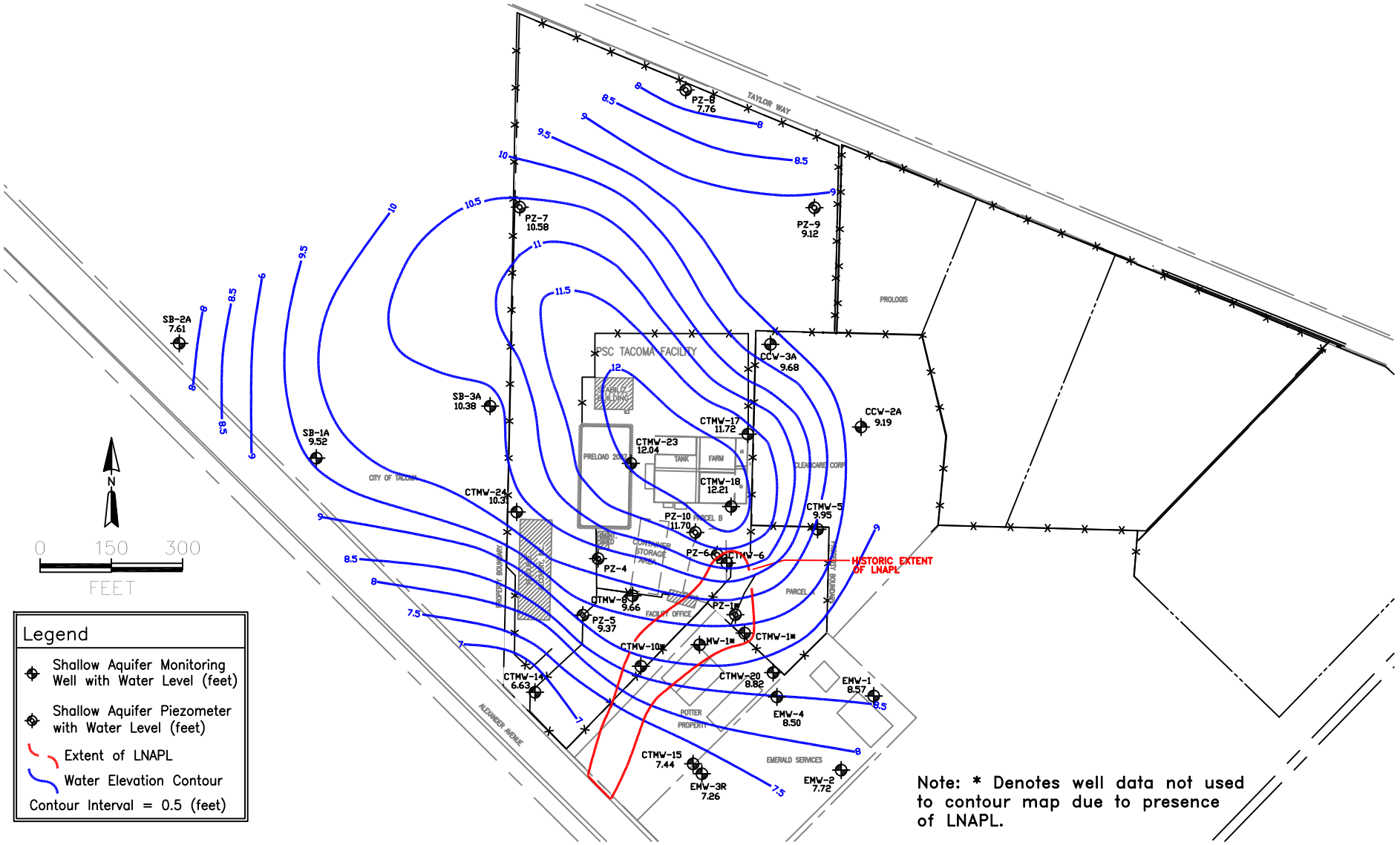
TITLE:

Groundwater Elevations
Shallow Aquifer, June 1, 2015
Stericycle Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		Annual 2015
CHKD:	APPD:	FIGURE NO.:
DATE: 4/8/16	REV.:	2



Stericycle	TITLE: Groundwater Elevations Deep Aquifer, June 1, 2015 Stericycle Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2015
		CHKD:	APPD:	
		DATE: 4/7/16	REV.:	FIGURE NO.: 4

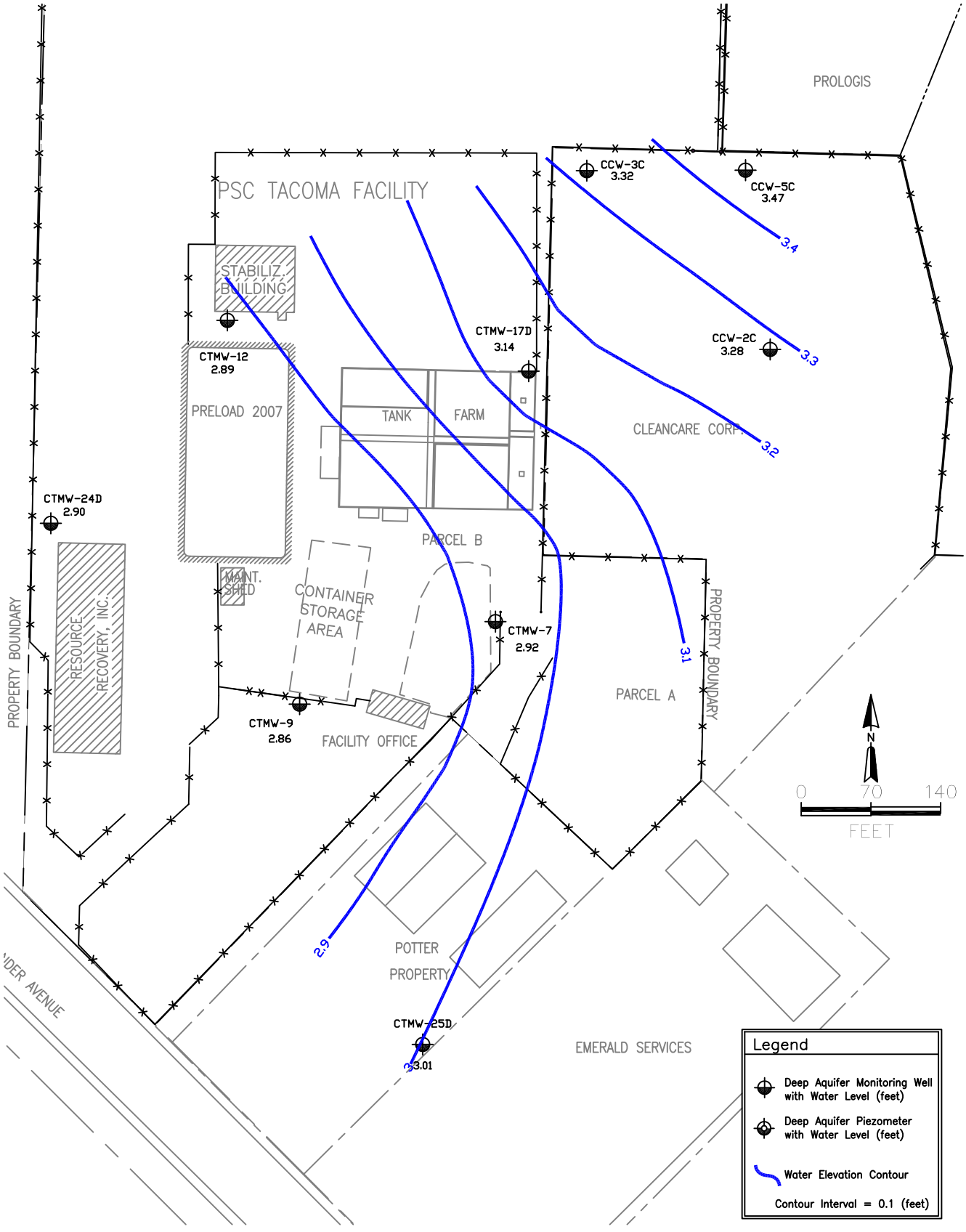


Stericycle®

TITLE:

Groundwater Elevations
Shallow Aquifer, December 1, 2016
Stericycle Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		Annual 2015
CHKD:	APPD:	FIGURE NO.:
DATE: 4/8/16	REV.:	5

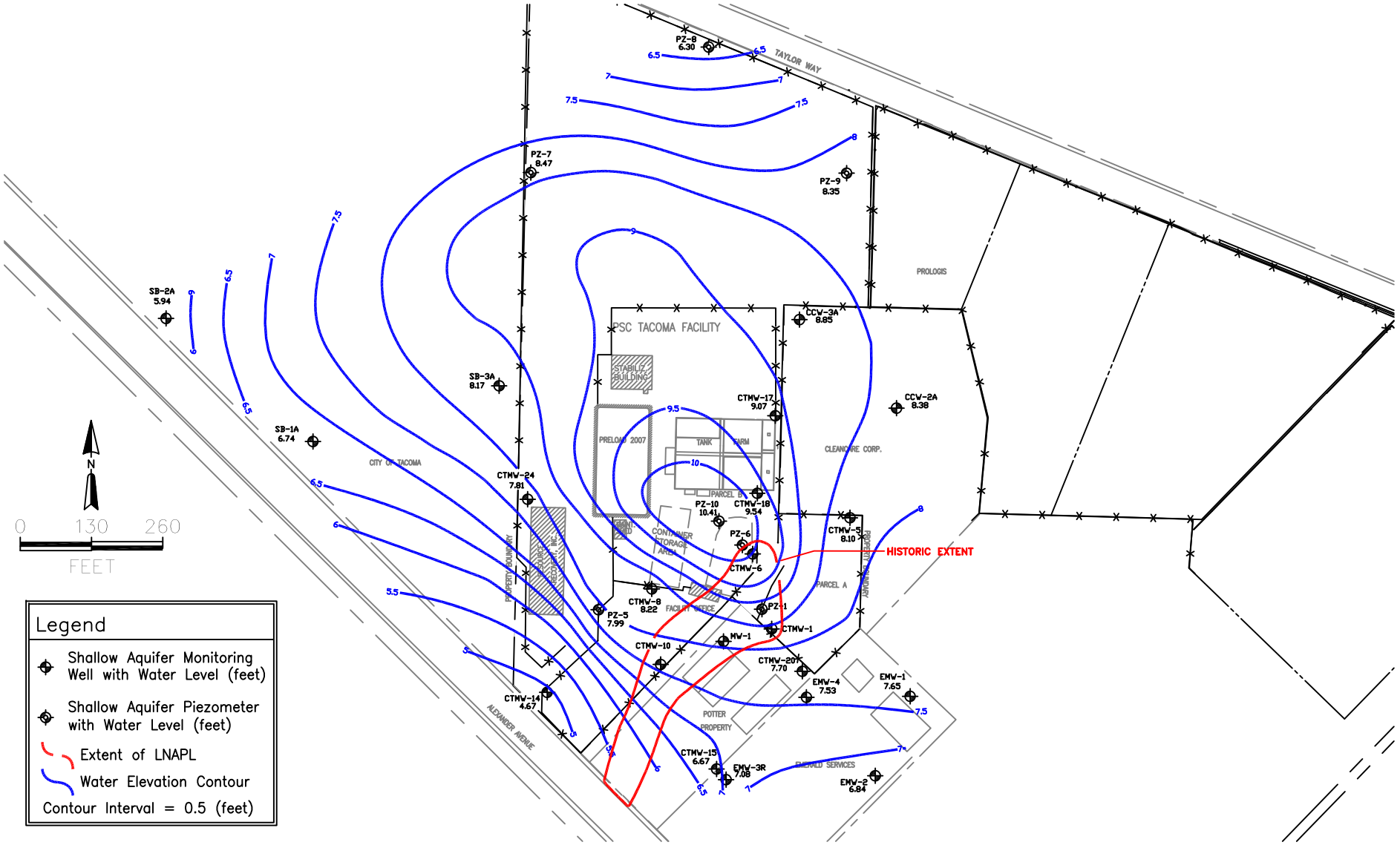


Stericycle

TITLE:

Groundwater Elevations
Deep Aquifer, December 1, 2015
Stericycle Tacoma Facility

DWN: dtb	DES.:	PROJECT NO.: Annual 2015	
CHKD:	APPD:		
DATE: 4/7/16	REV.:	FIGURE NO.: 7	

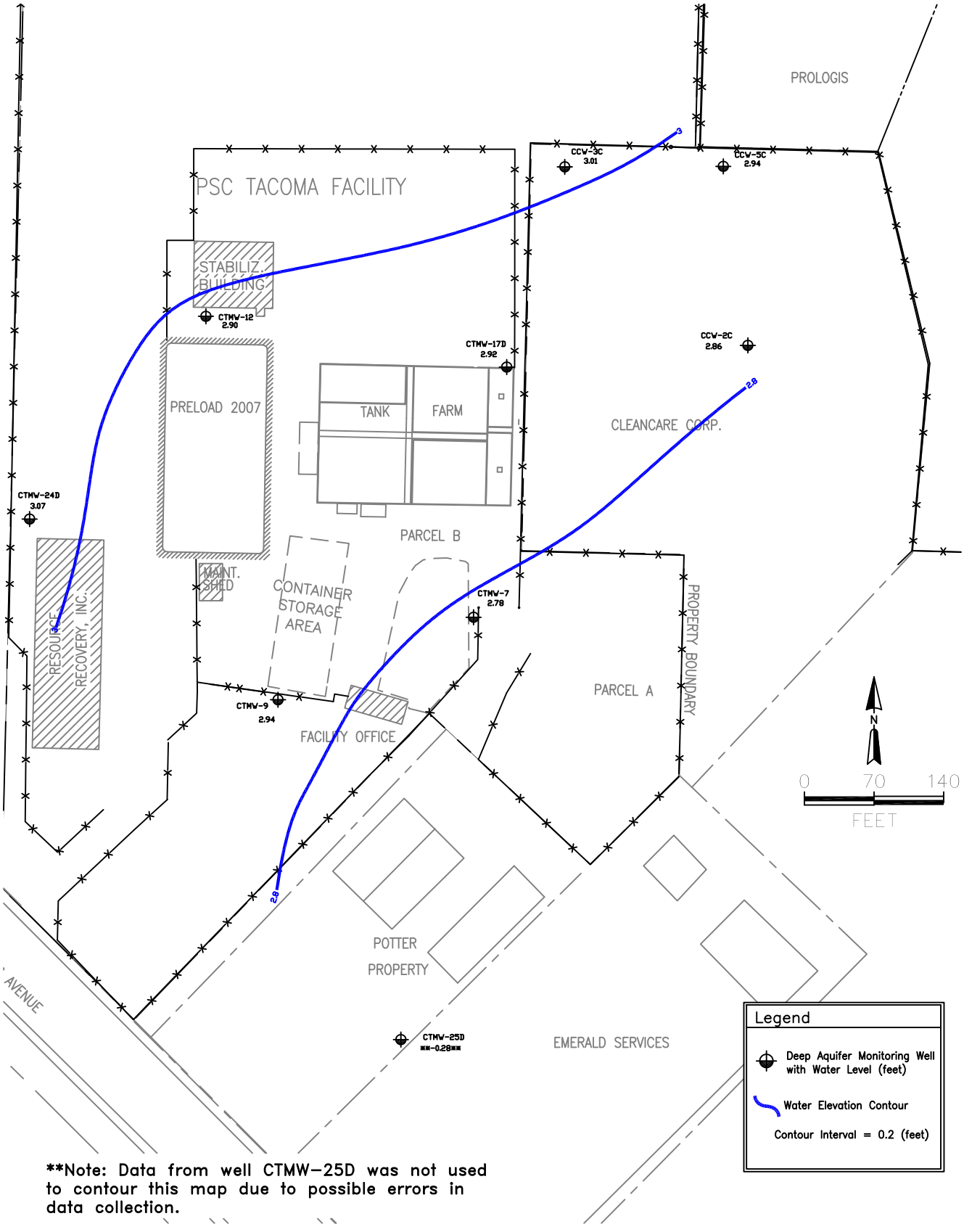


Stericycle®

TITLE:

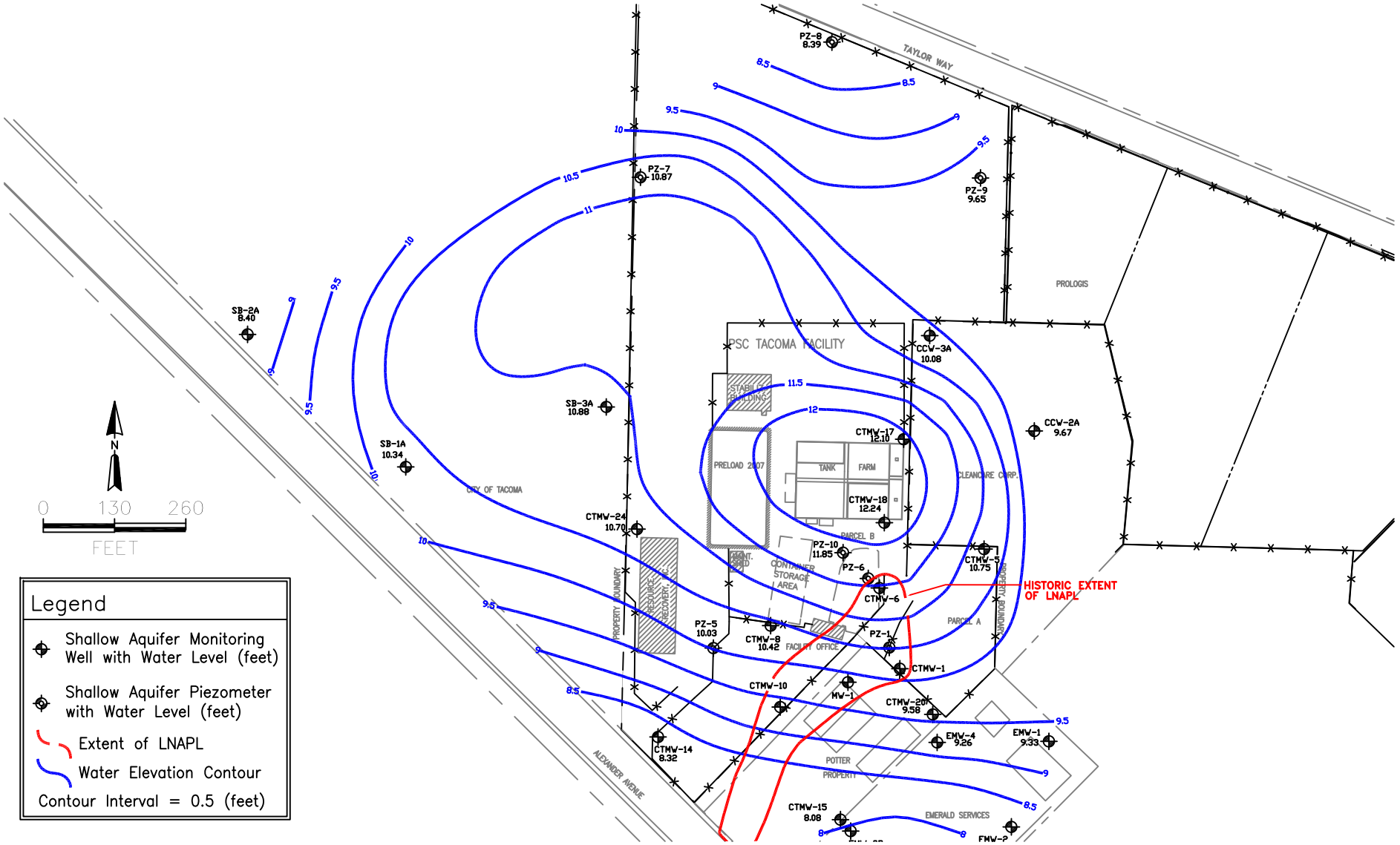
Groundwater Elevations
Shallow Aquifer, June 6, 2016
Stericycle Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		Annual 2016
CHKD:	APPD:	FIGURE NO.:
DATE: 4/4/17	REV.:	2



**Note: Data from well CTMW-25D was not used to contour this map due to possible errors in data collection.

Stericycle	TITLE: Groundwater Elevations Deep Aquifer, June 6, 2016 Stericycle Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2016
		CHKD:	APPD:	
		DATE: 4/4/17	REV.:	FIGURE NO.: 4

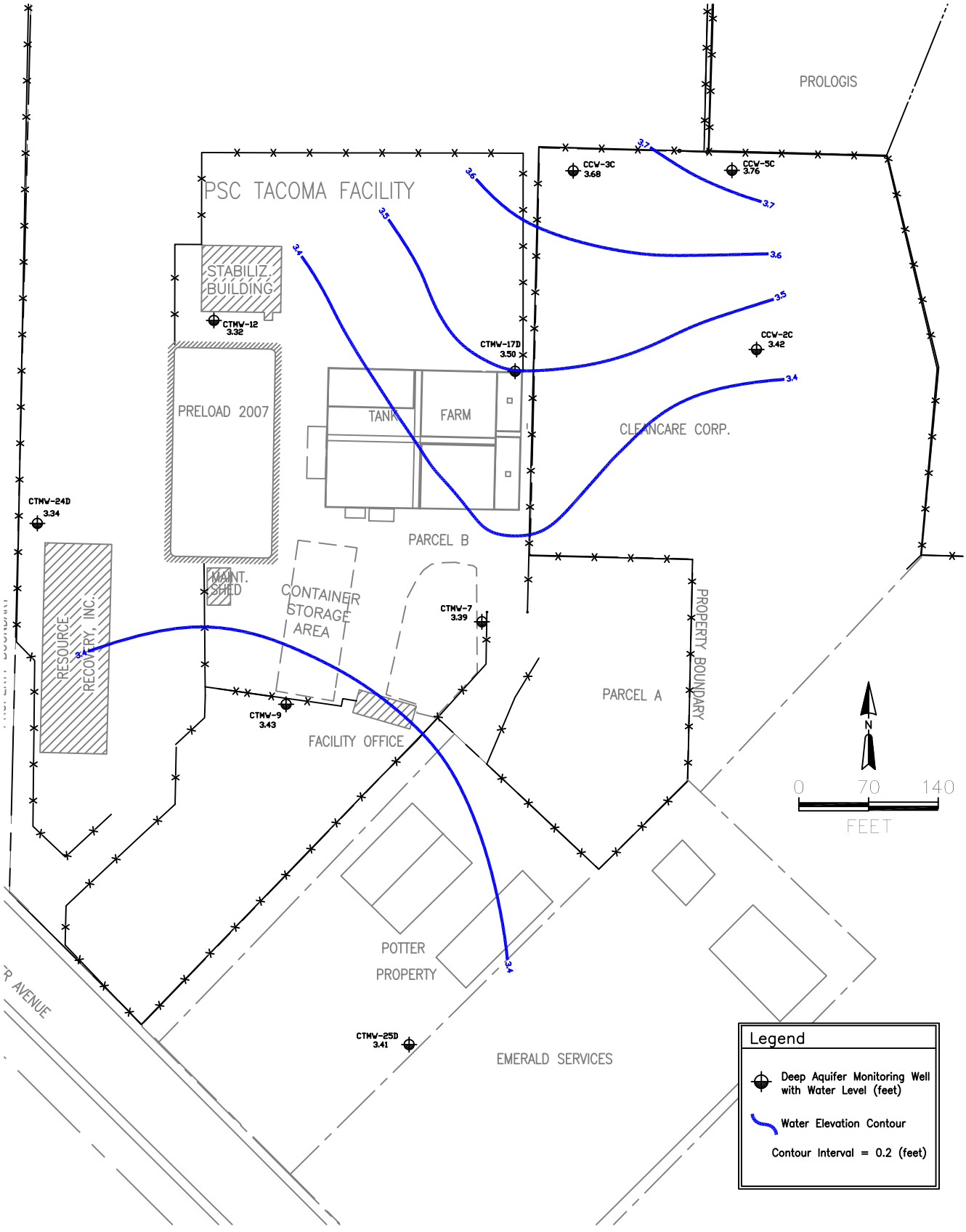


Stericycle®

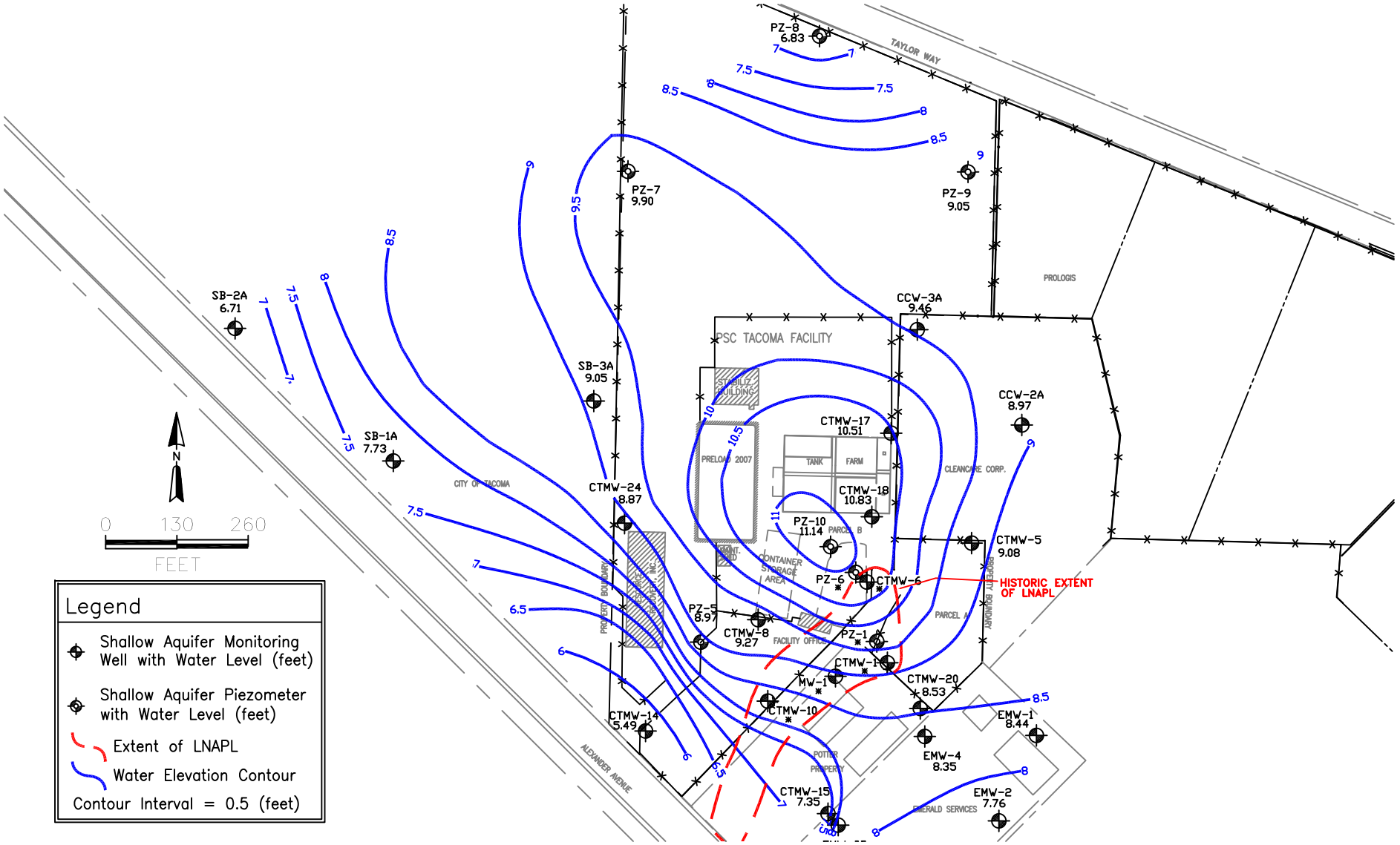
TITLE:

Groundwater Elevations
Shallow Aquifer, December 1, 2016
Stericycle Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		Annual 2016
CHKD:	APPD:	FIGURE NO.:
DATE: 4/4/17	REV.:	5



Stericycle	TITLE: Groundwater Elevations Deep Aquifer, December 1, 2016 Stericycle Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2016
		CHKD:	APPD:	
		DATE: 4/4/17	REV.:	FIGURE NO.: 7

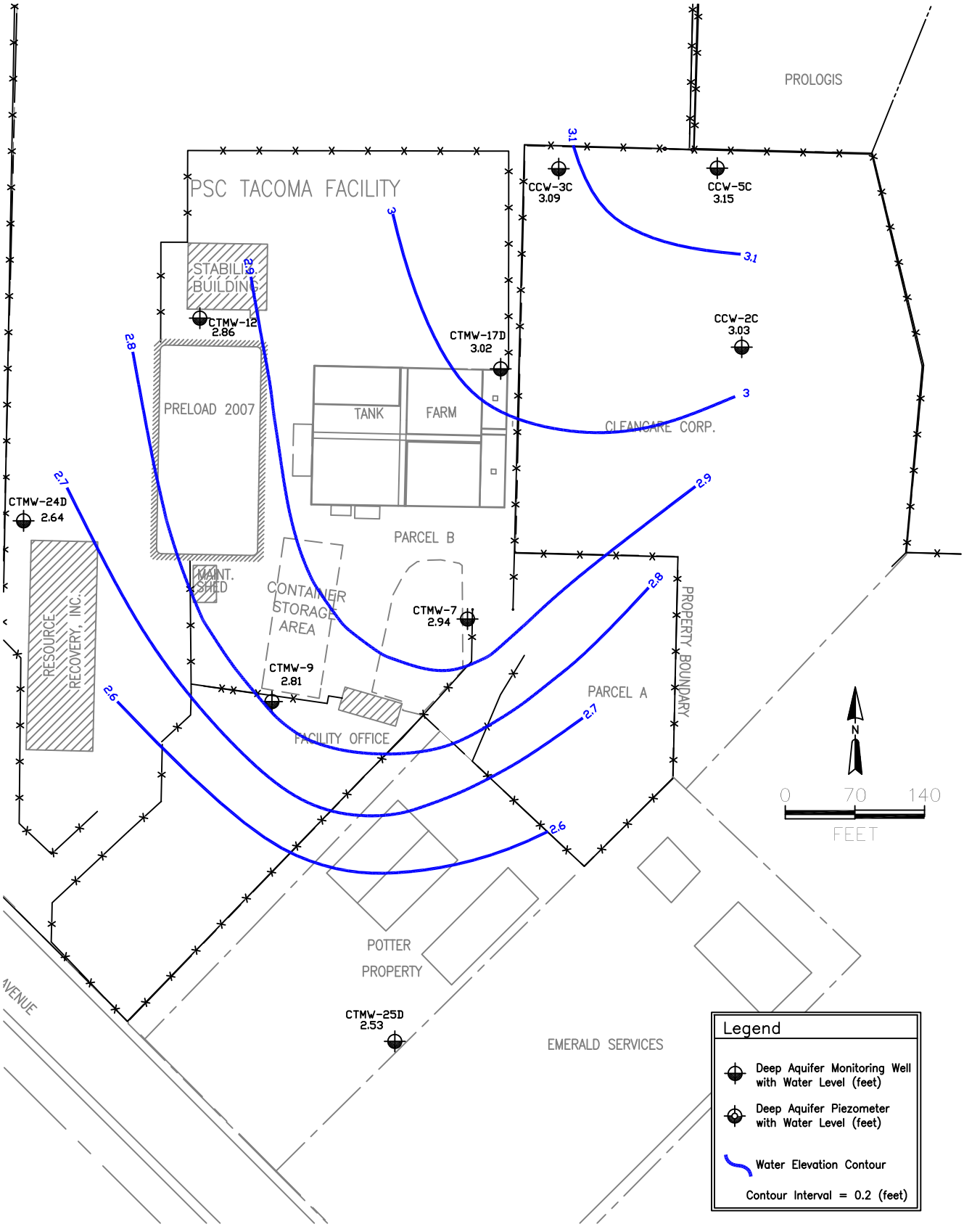


Stericycle®

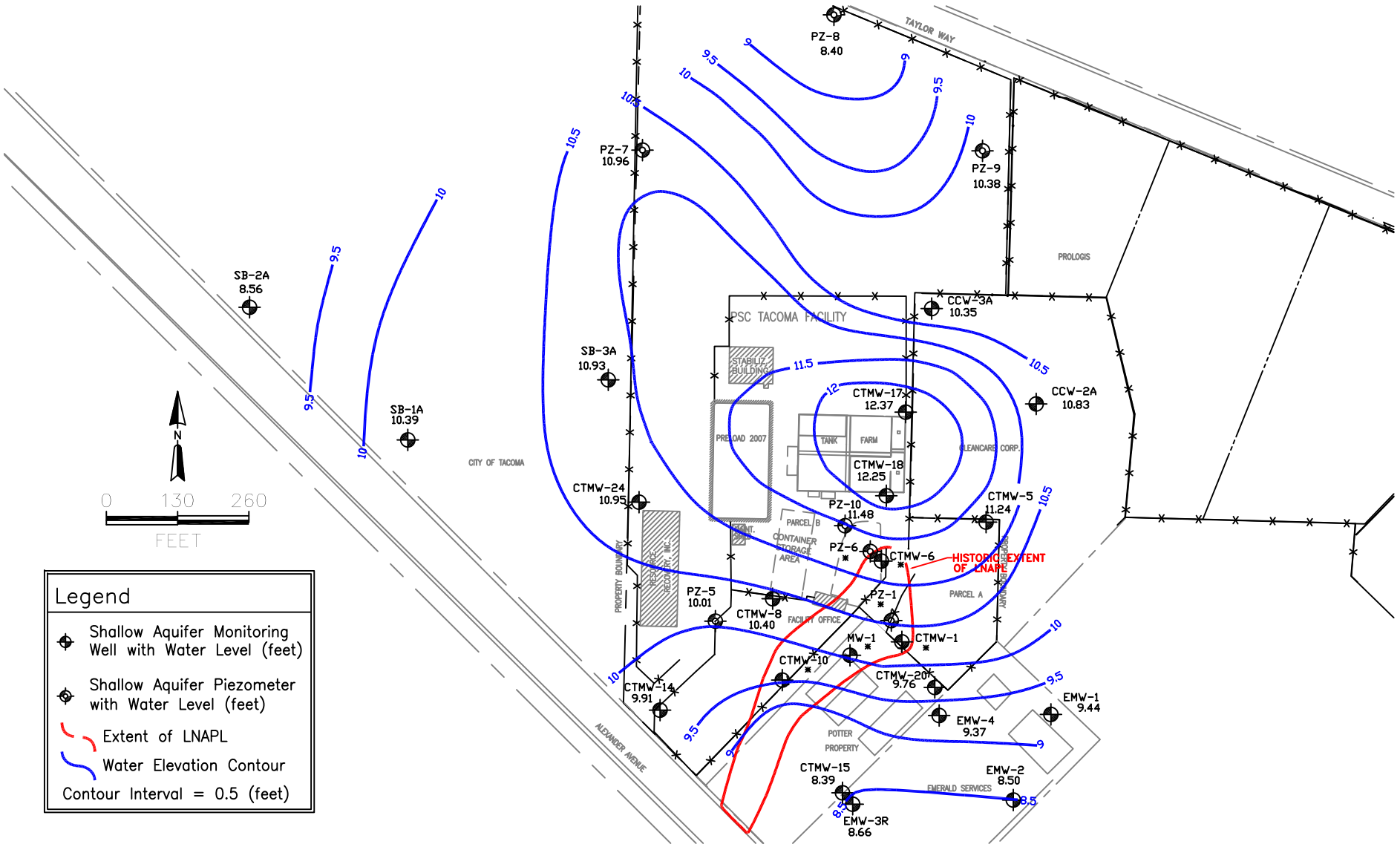
TITLE:

Groundwater Elevations
Shallow Aquifer, June 5, 2017
Stericycle Tacoma Facility

DWN: dtb	DES.:	PROJECT NO.: Annual 2017	
CHKD:	APPD:	FIGURE NO.: 2	
DATE: 4/5/18	REV.:		



Stericycle	TITLE: Groundwater Elevations Deep Aquifer, June 5, 2017 Stericycle Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2017
		CHKD:	APPD:	
		DATE: 4/6/18	REV.:	FIGURE NO.: 4

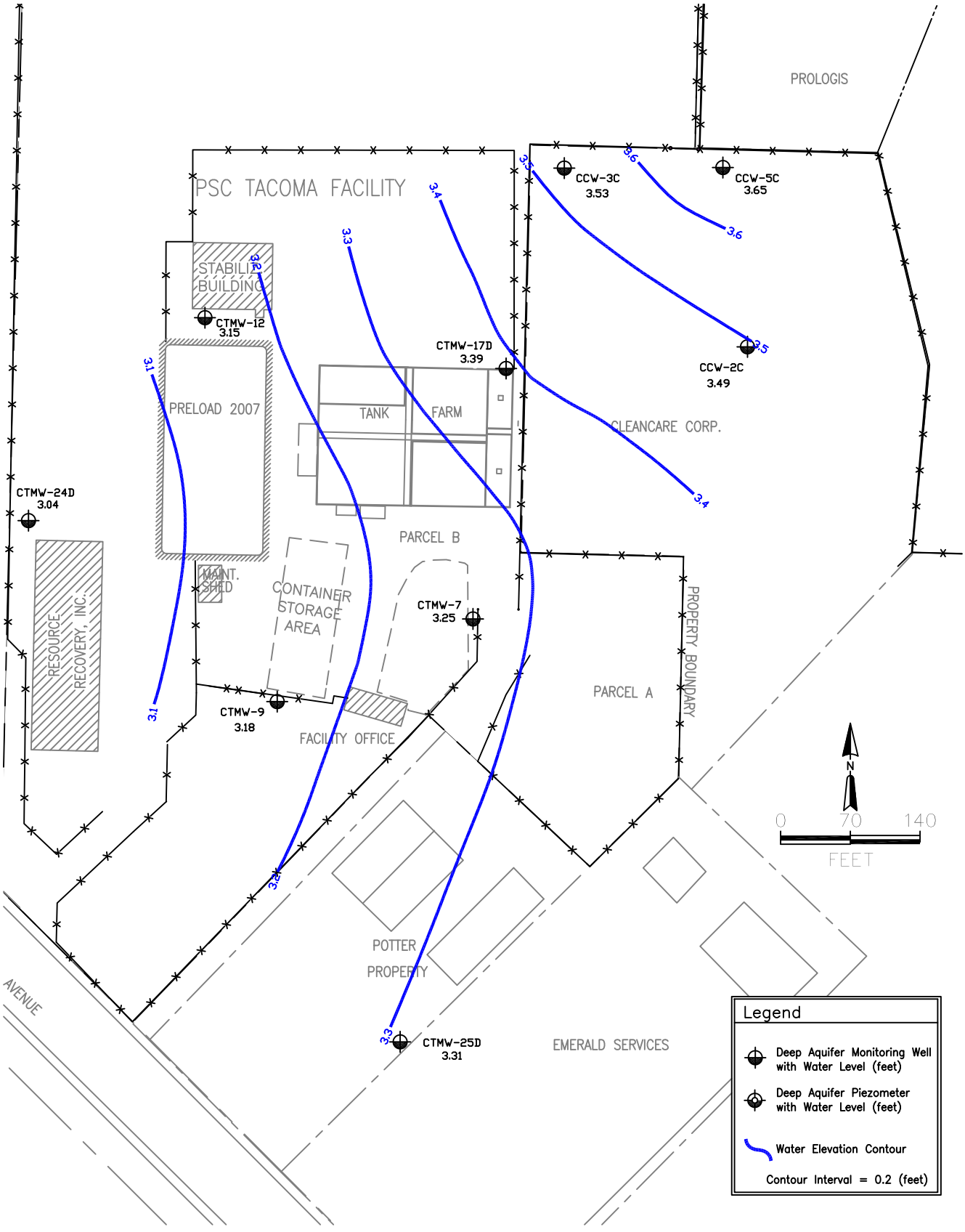


Stericycle®

TITLE:

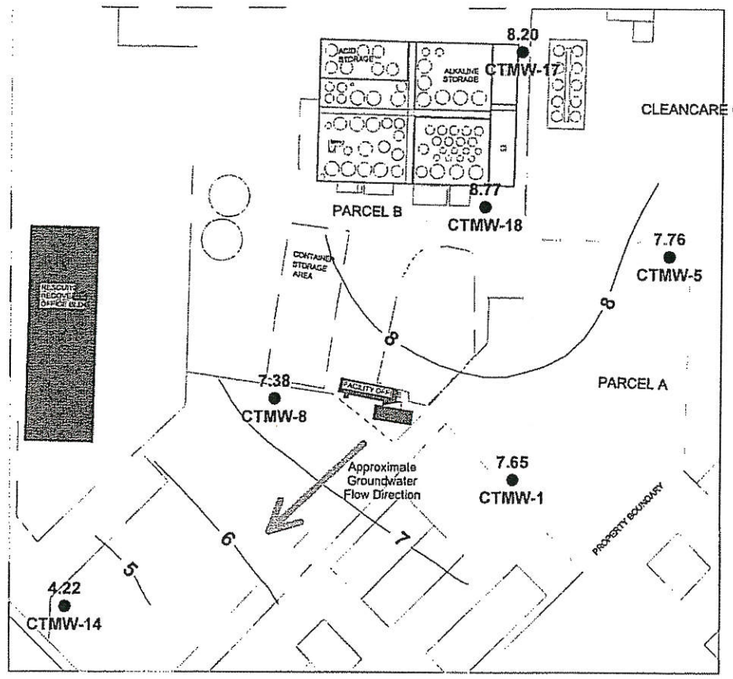
Groundwater Elevations
Shallow Aquifer, December 4, 2017
Stericycle Tacoma Facility

DWN:	DES.:	PROJECT NO.:
dtb		Annual 2017
CHKD:	APPD:	FIGURE NO.:
DATE: 4/6/18	REV.:	5

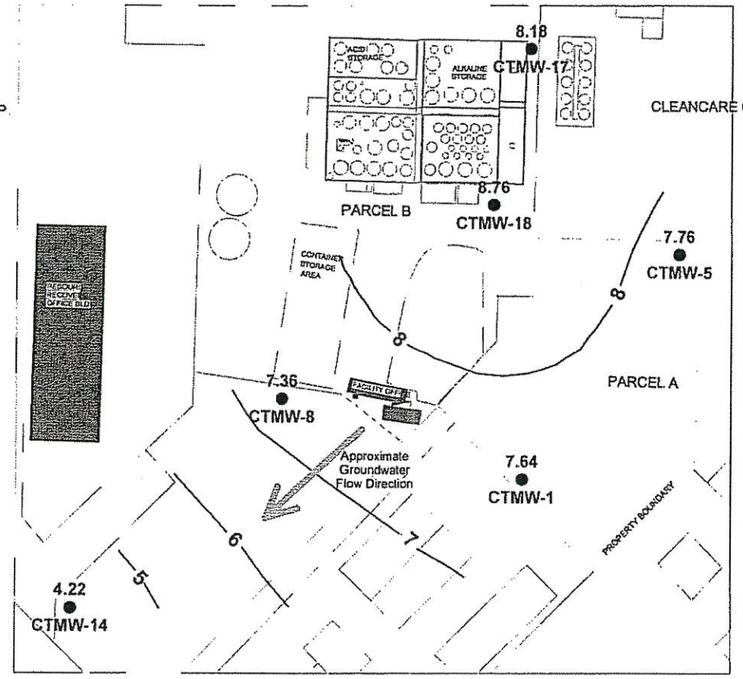


Stericycle	TITLE: Groundwater Elevations Deep Aquifer, December 11, 2017 Stericycle Tacoma Facility	DWN: dtb	DES.:	PROJECT NO.: Annual 2017
		CHKD:	APPD:	
		DATE: 4/6/18	REV.:	FIGURE NO.: 7

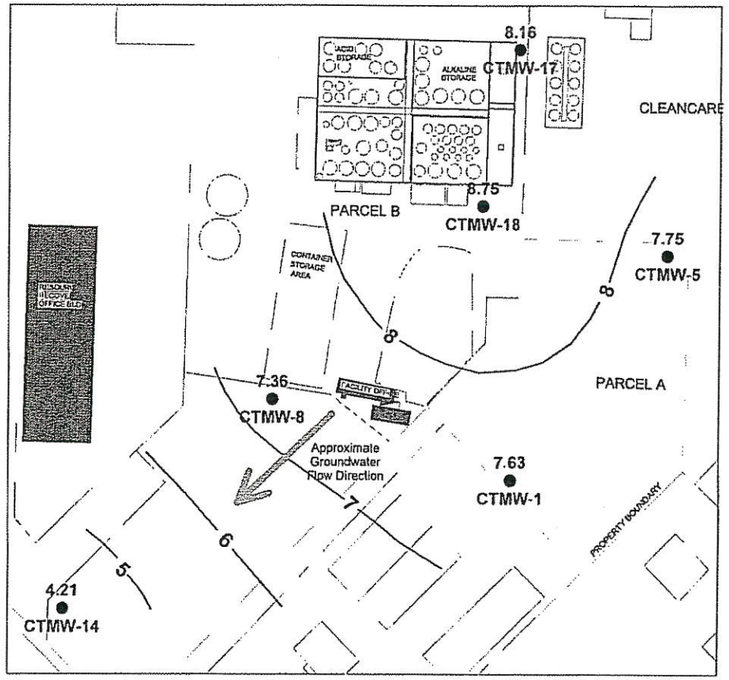
Appendix F
Historical Groundwater Elevation Hydrographs
(2005 PSC Remedial Investigation)



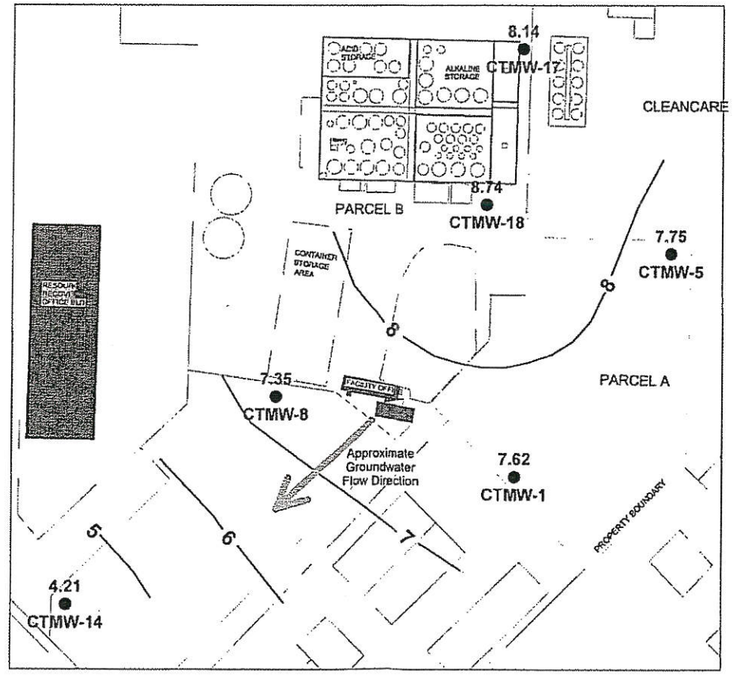
Higher-High Tide
9/15/00 20:00



Falling Tide
9/15/99 23:30



Lower-Low Tide
9/16/99 3:00



Rising Tide
9/16/99 7:00

FIGURE 7-2b

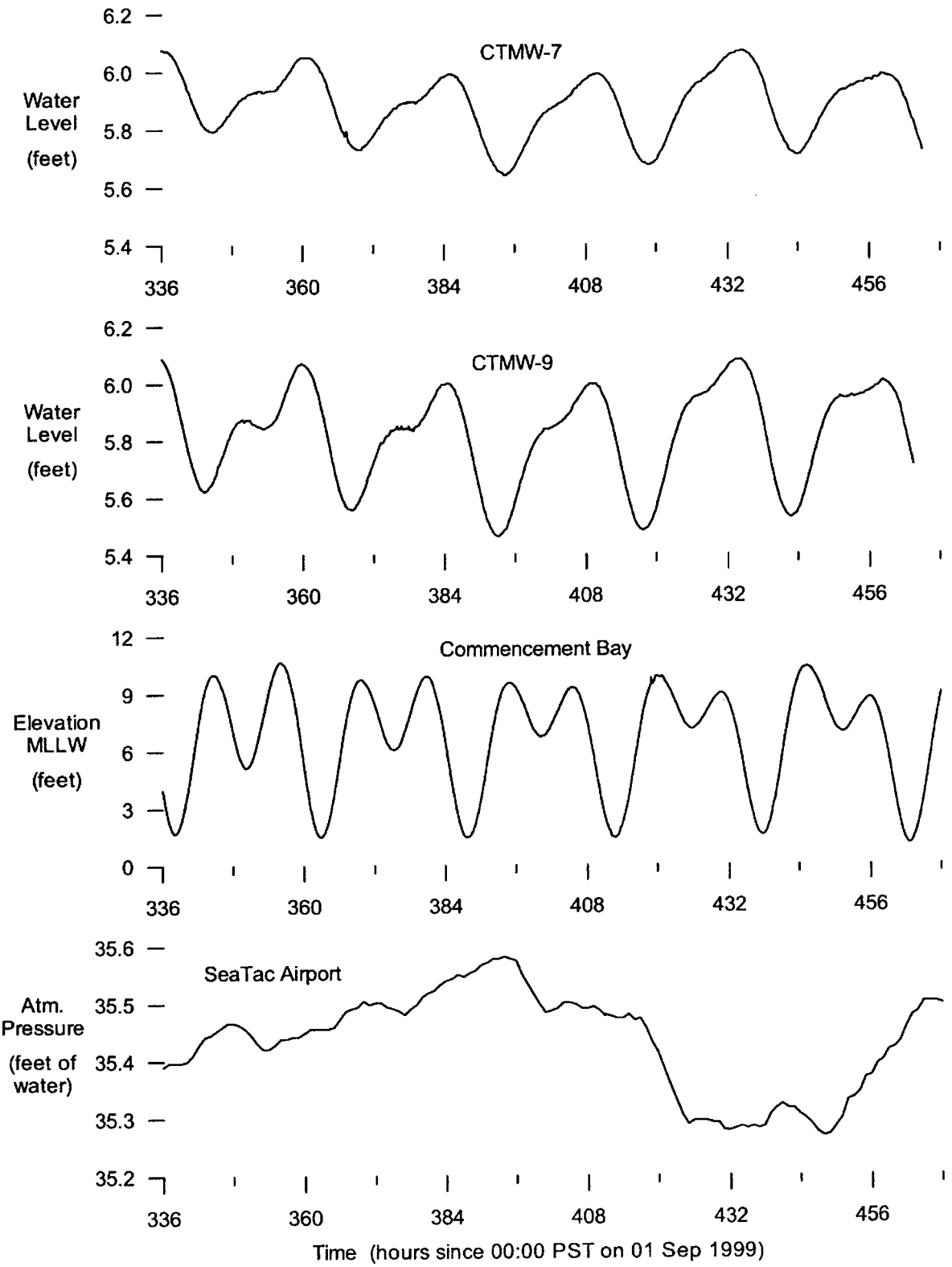
Water Level Elevations Over 11-Hour Tidal Cycle in Commencement Bay

(Elevations Provided in Feet, Based on NGVD 1929)

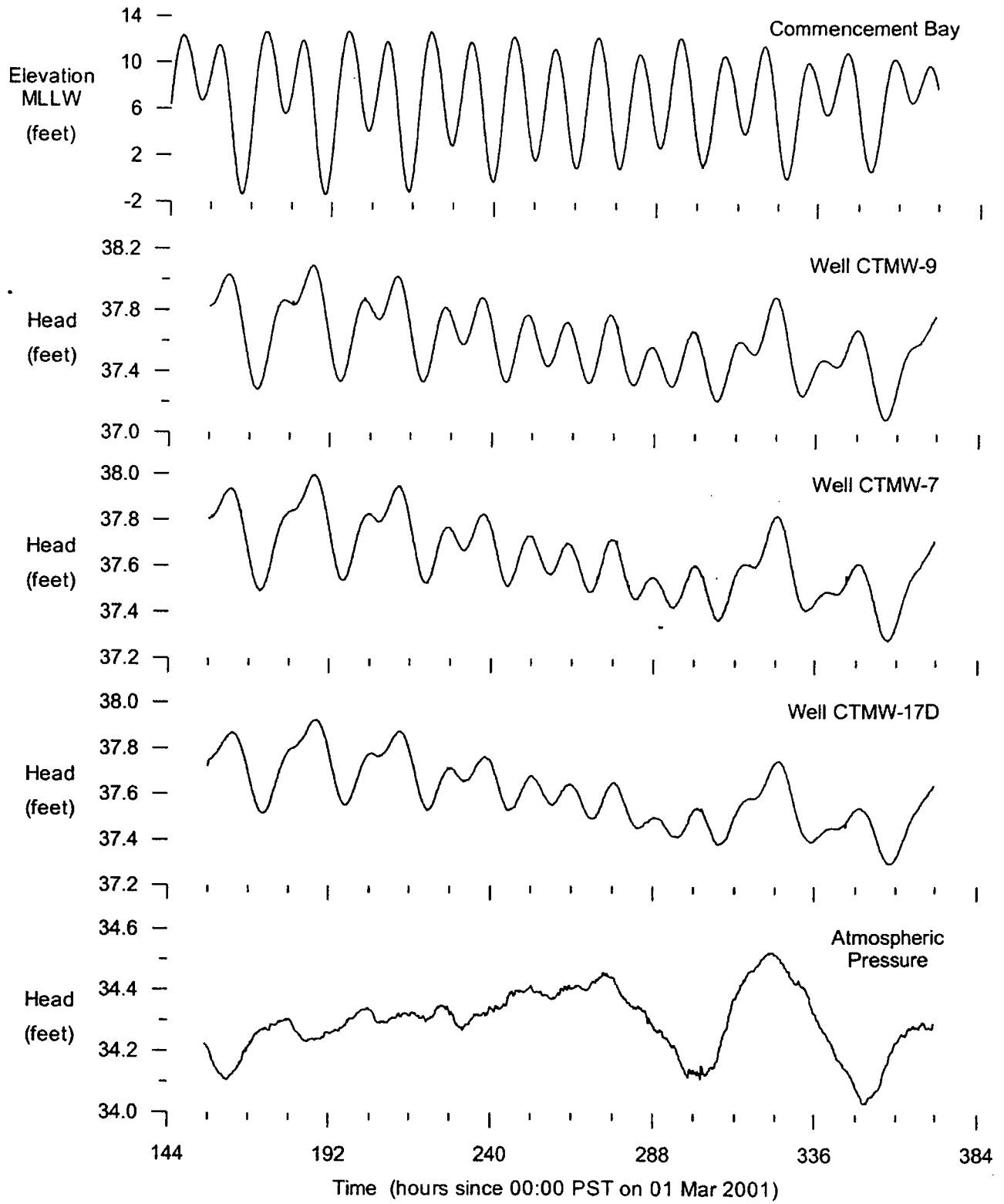
1999 PSC Tacoma Tidal Study
Shallow Aquifer

PSC Tacoma RI Report

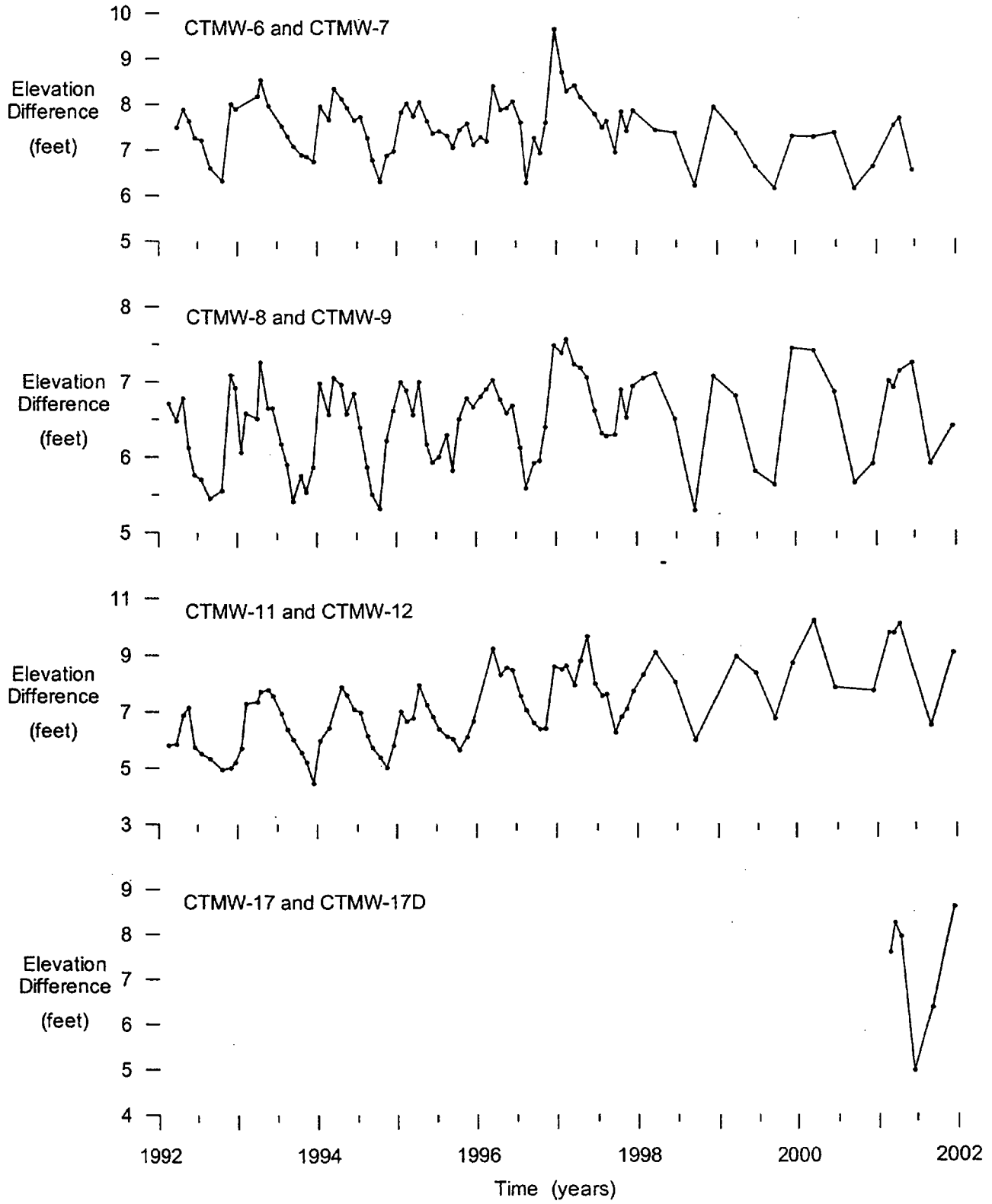
Figure # 7-2b



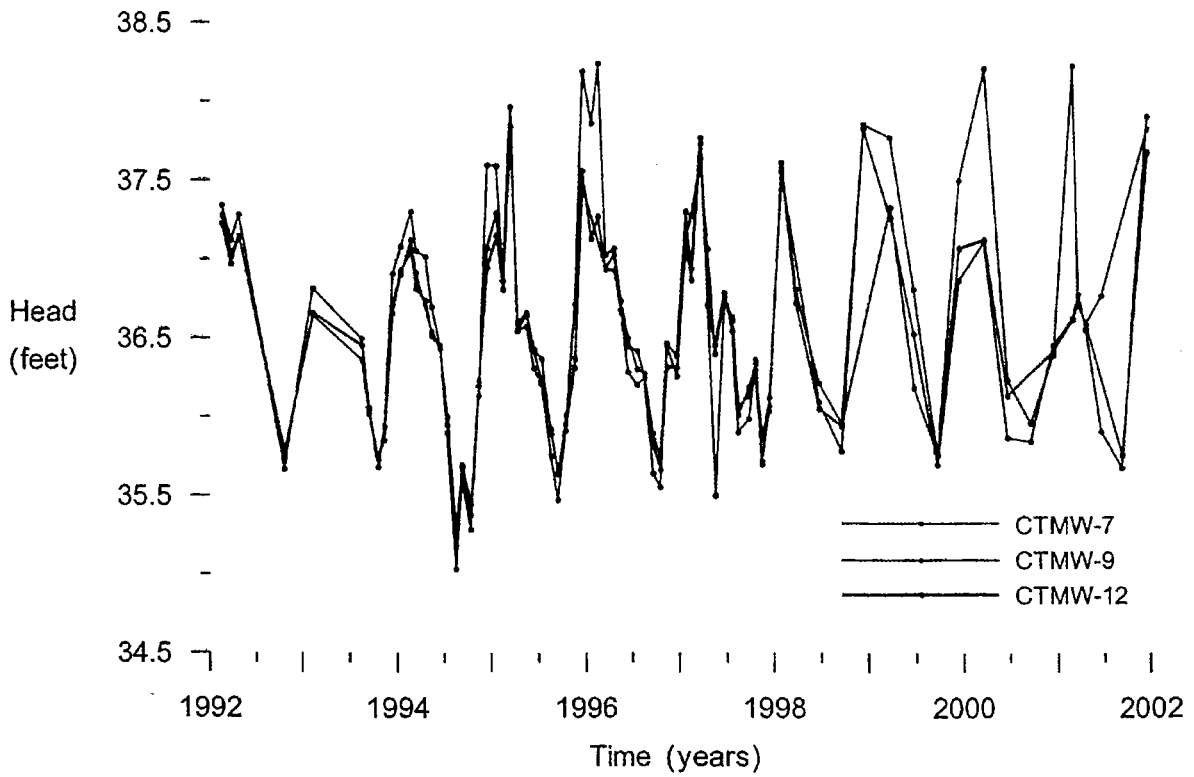
TITLE: September 1999 Short-Term Monitoring Results for Wells CTMW-7 and CTMW-9	DWN:	DES:	PROJECT NO: Draft RI
	CHKD:	APPD:	
	DATE:	REV:	FIGURE NO: 7-3



PSC	TITLE: March 2001 Short-Term Monitoring Results for Wells CTMW-7, CTMW-9, and CTMW-17D	DWN:	DES:	PROJECT NO: Draft RI
		CHKD:	APPD:	
		DATE:	REV:	FIGURE NO: 7-4



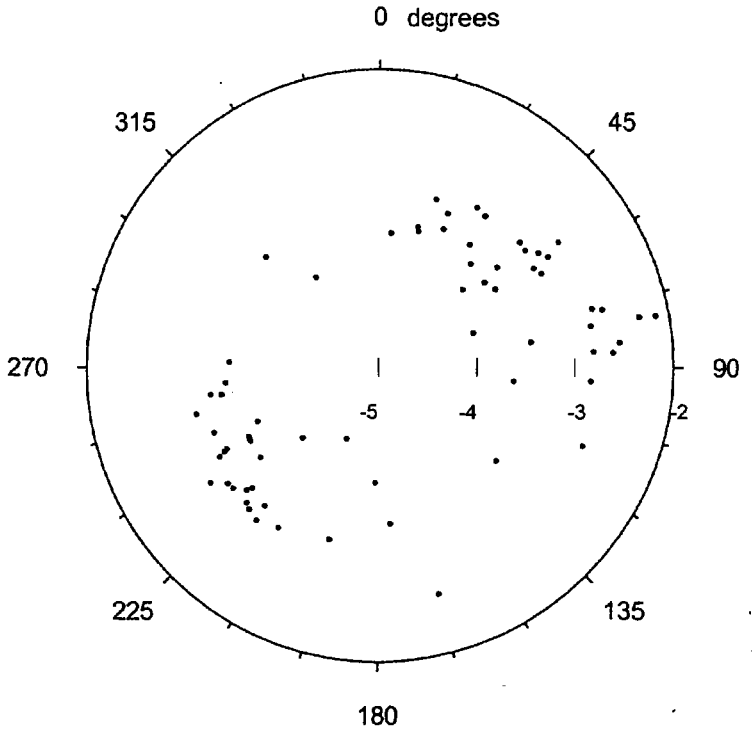
PSC	TITLE: Water-Level Differences Between the Shallow and Deep Aquifers, 1992–2001	DWN:	DES:	PROJECT NO: Draft RI
		CHKD:	APPD:	
		DATE:	REV:	FIGURE NO: 7-5

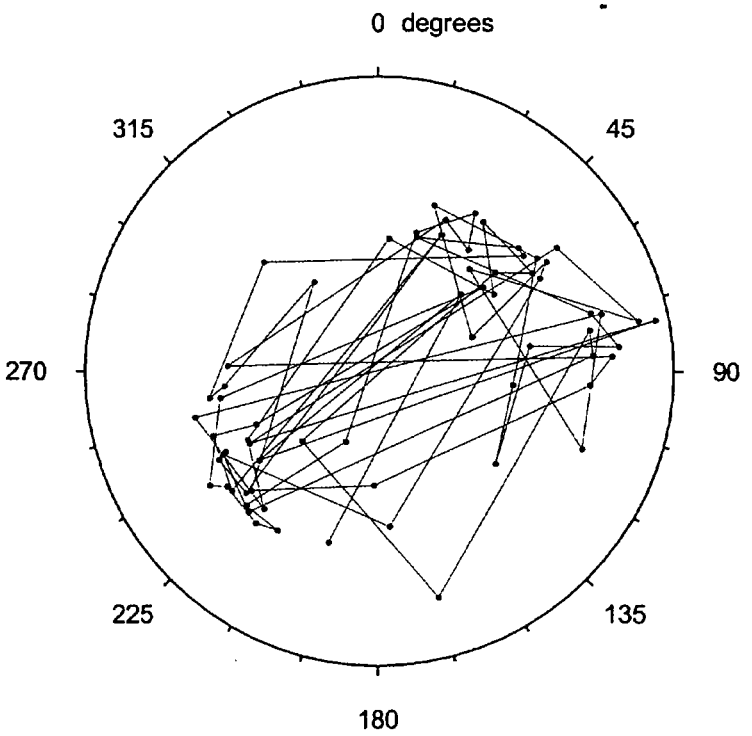


Note: Only those data that satisfy the gradient estimation screening circle are plotted here.

PSC	TITLE: Hydrographs for Deep-Aquifer Wells CTMW-7, CTMW-9, and CTMW-12	DWN:	DES:	PROJECT NO: Draft RI
		CHKD:	APPD:	
		DATE:	REV:	FIGURE NO: 7-15

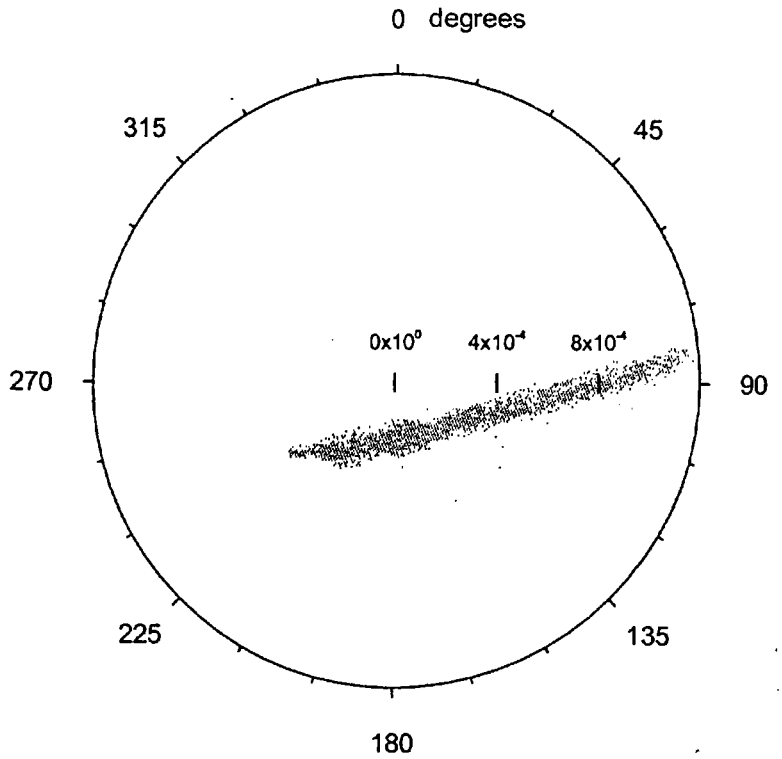
Color

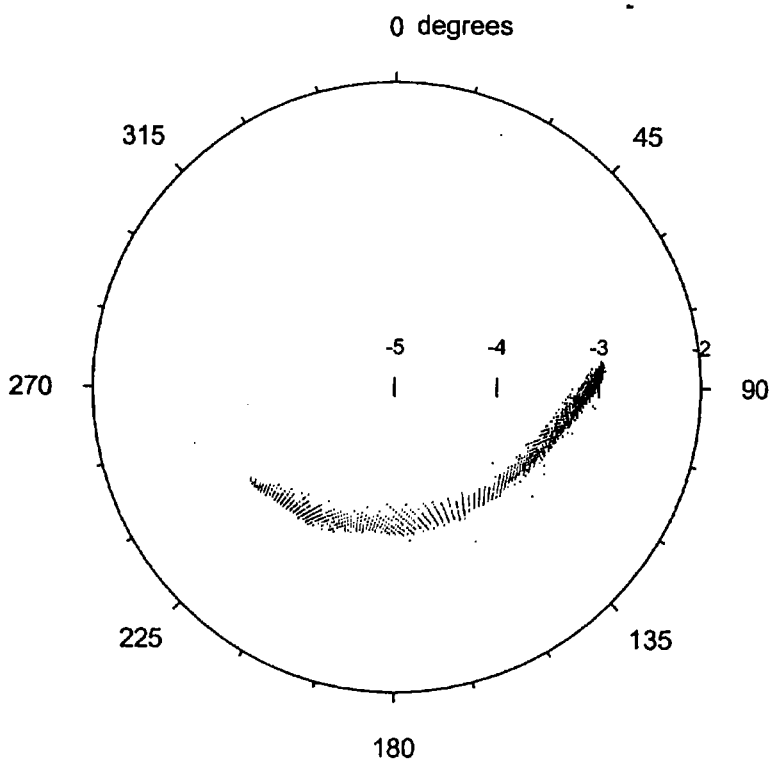




Notes: (1) In both plots, the radial coordinate is defined as $\log_{10}$ Magnitude.
(2) In the lower graph, each pair of points connected by a line segment represents time-consecutive measurements.

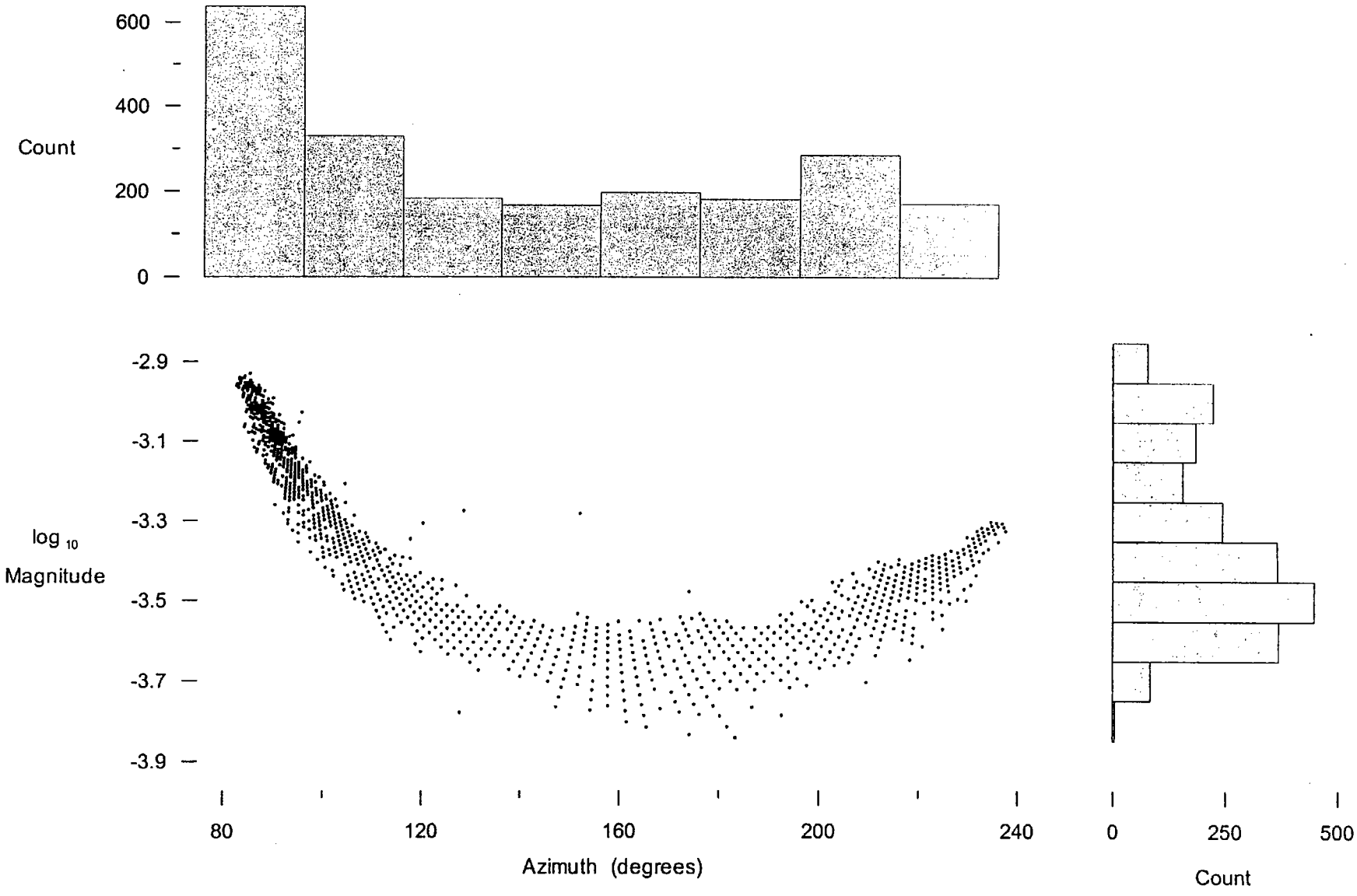
PSC	TITLE: Polar Plots Showing Estimates of Deep-Aquifer Horizontal Hydraulic Gradient at Well Triplet CTMW-7/9/12, 1992–2001	DWN:	DES:	PROJECT NO: Draft RI
		CHKD:	APPD:	
		DATE:	REV:	FIGURE NO: 7-16





Note: In lower plot only, the radial coordinate is defined as $\log_{10}$ Magnitude.

PSC	TITLE: Polar Plots Showing Estimates of Deep-Aquifer Horizontal Hydraulic Gradient at Well Triplet CTMW-7/9/17D, 07-16 Mar 2001	DWN:	DES:	PROJECT NO: Draft RI
		CHKD:	APPD:	
		DATE:	REV:	FIGURE NO: 7-17



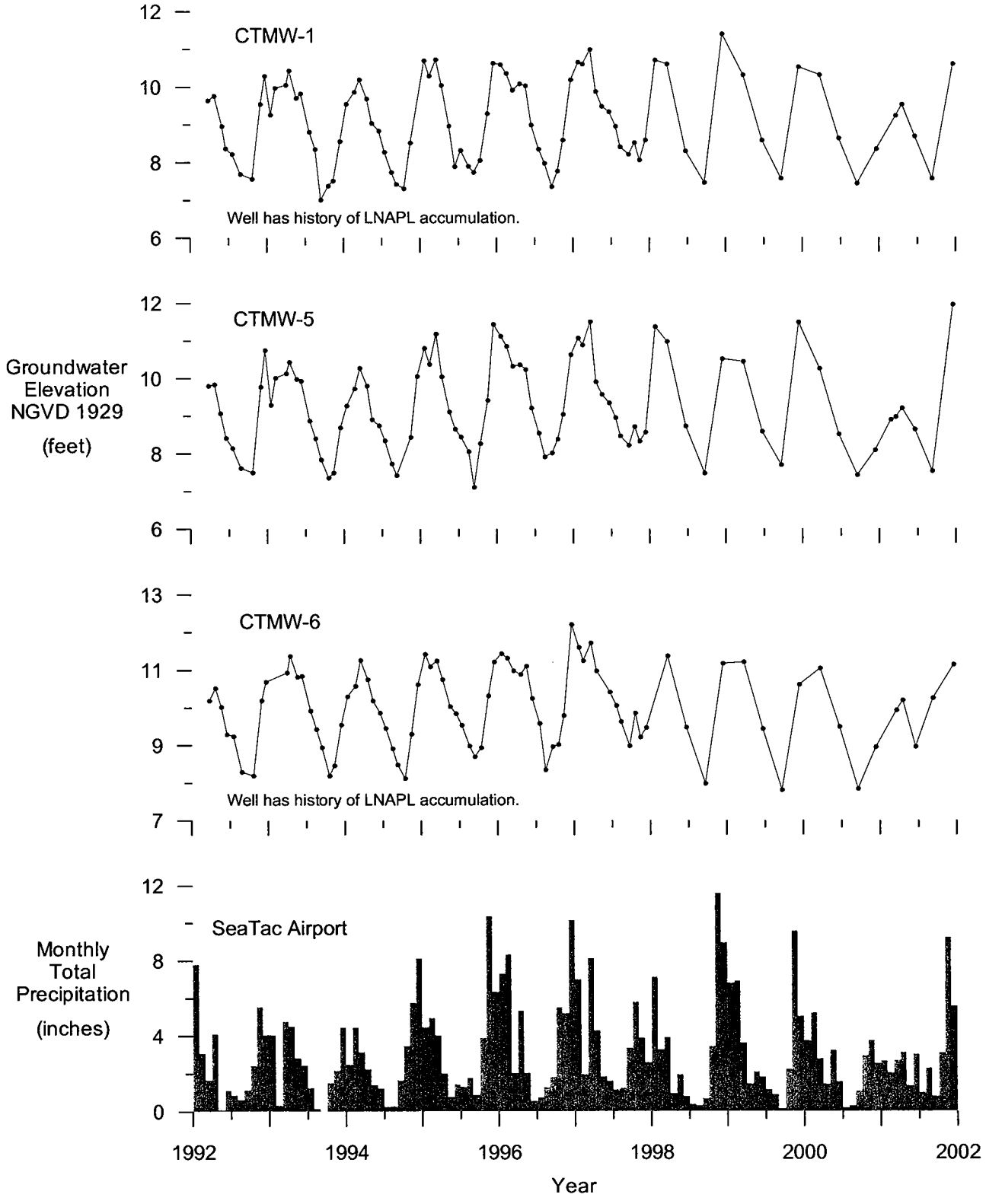
TITLE:

Log-Magnitude and Azimuth Histograms and Scatterplot for Estimated Deep-Aquifer Horizontal Hydraulic Gradient at Well Triplet CTMW-7/9/17D, March 7–16, 2001

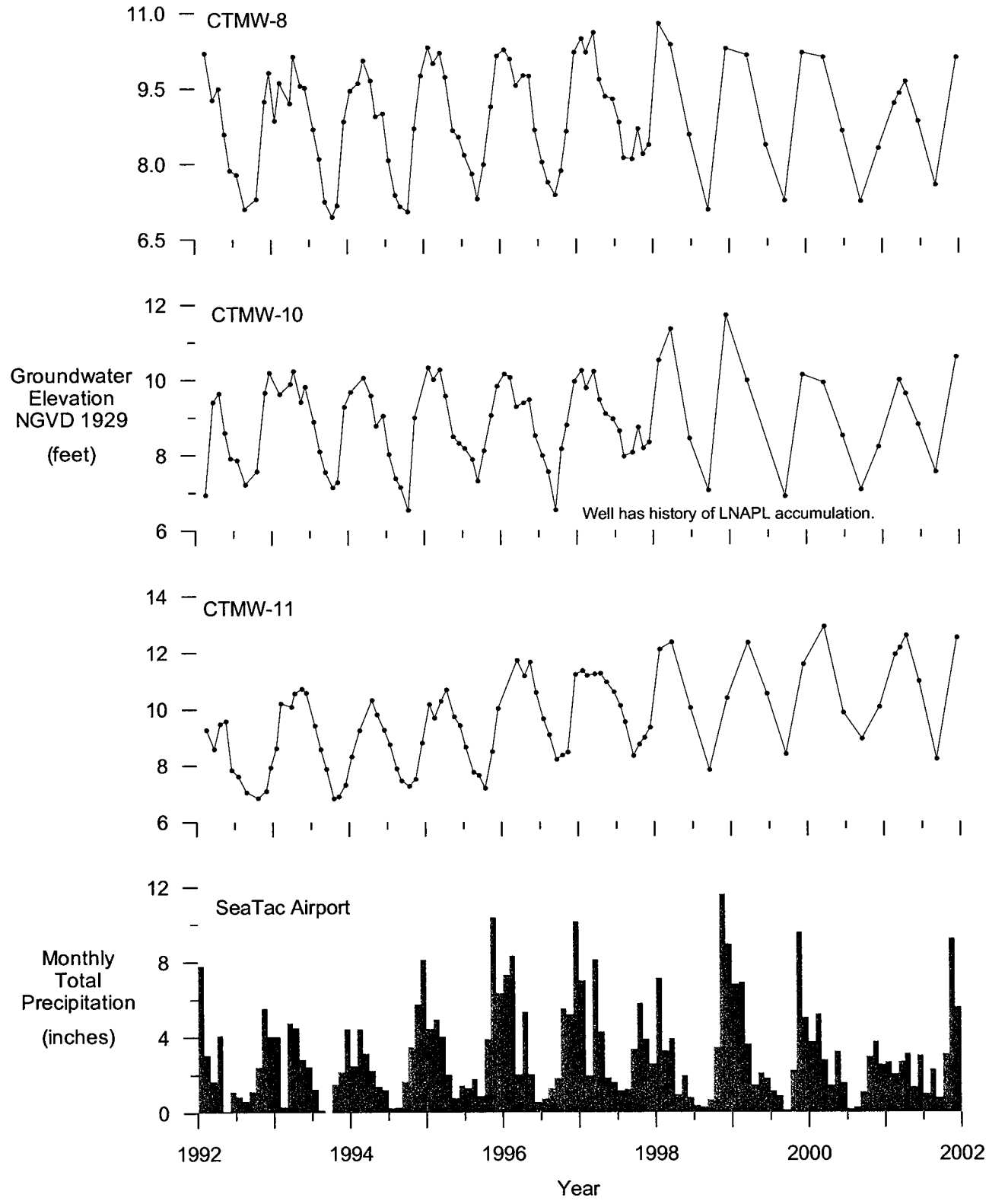
DWN:	DES:	PROJECT NO: Draft RI
CHKD:	APPD:	
DATE:	REV:	FIGURE NO: 7-18

Appendix 7C

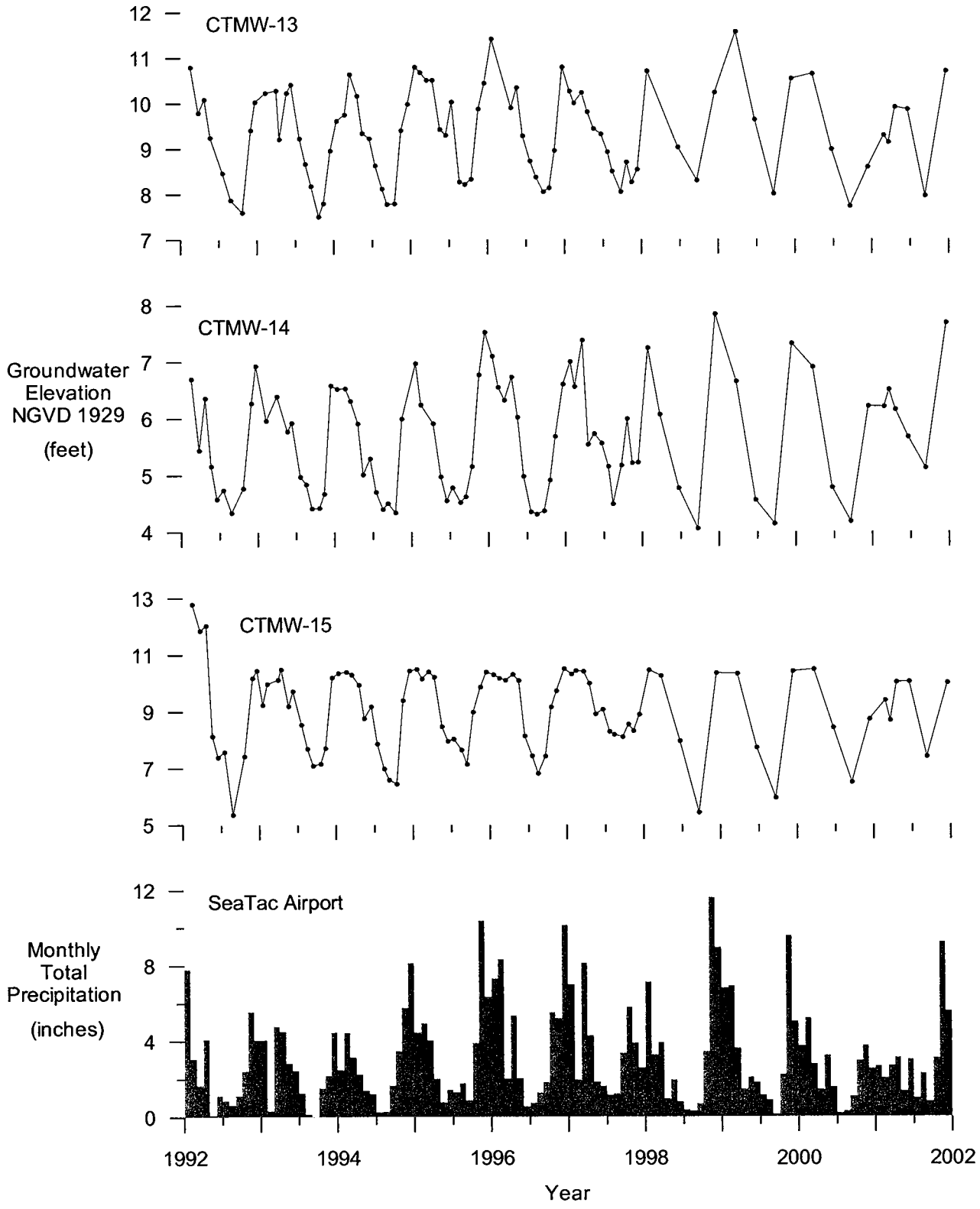
Hydrographs for Wells and Piezometers on the PSC Facility



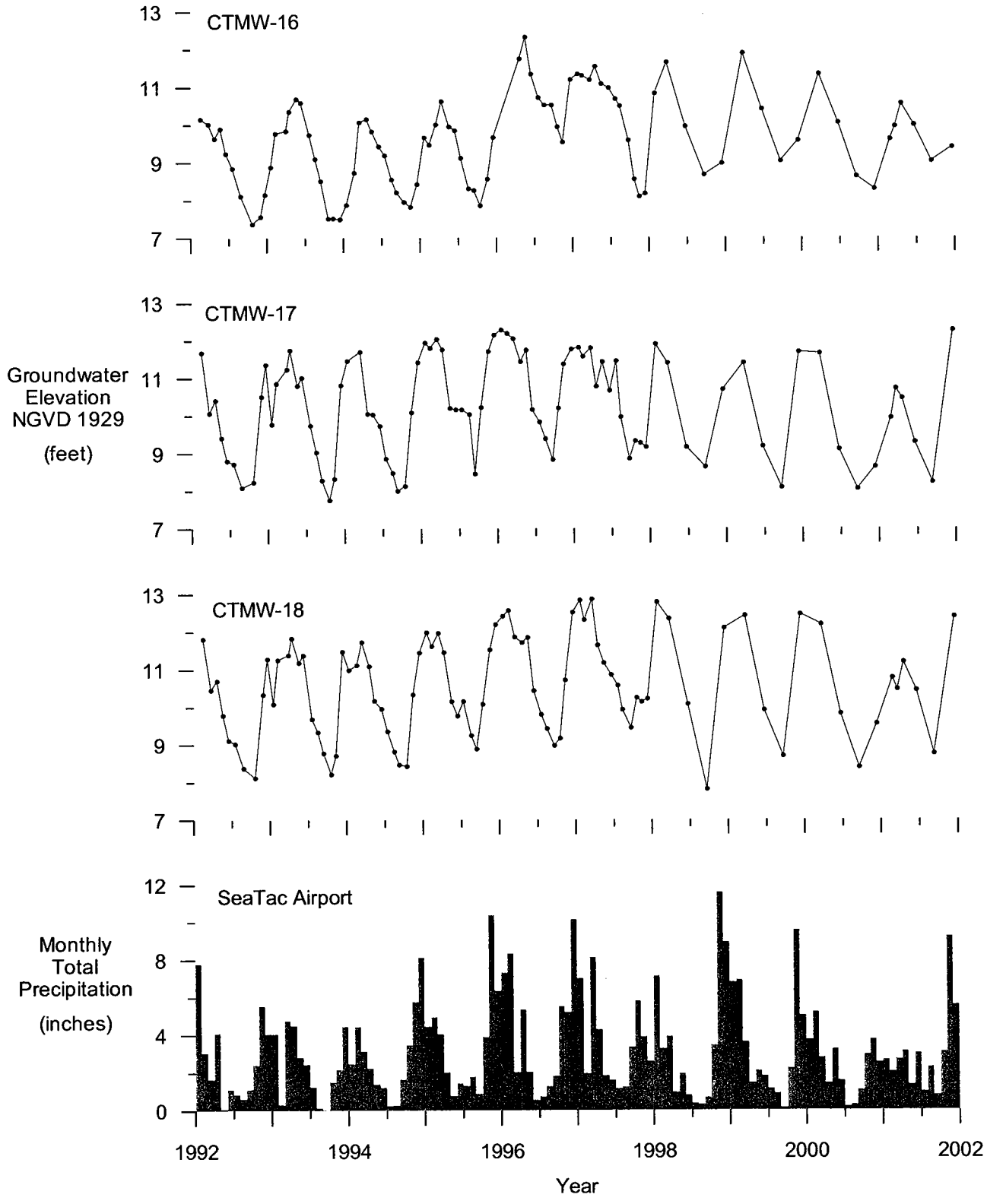
hydrograph_ctmw-1,5,6.grf



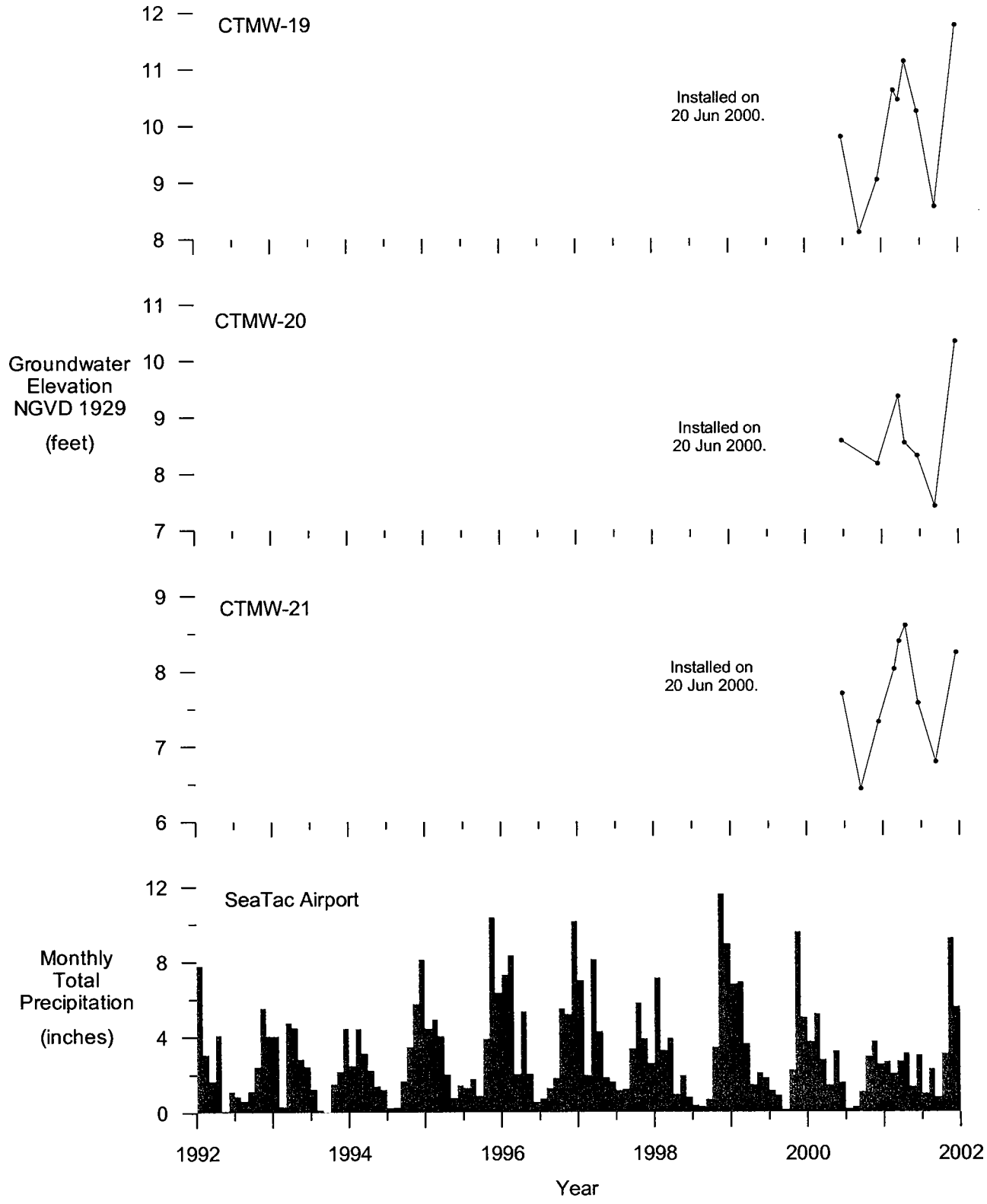
hydrograph_ctmw-8,10,11.grf



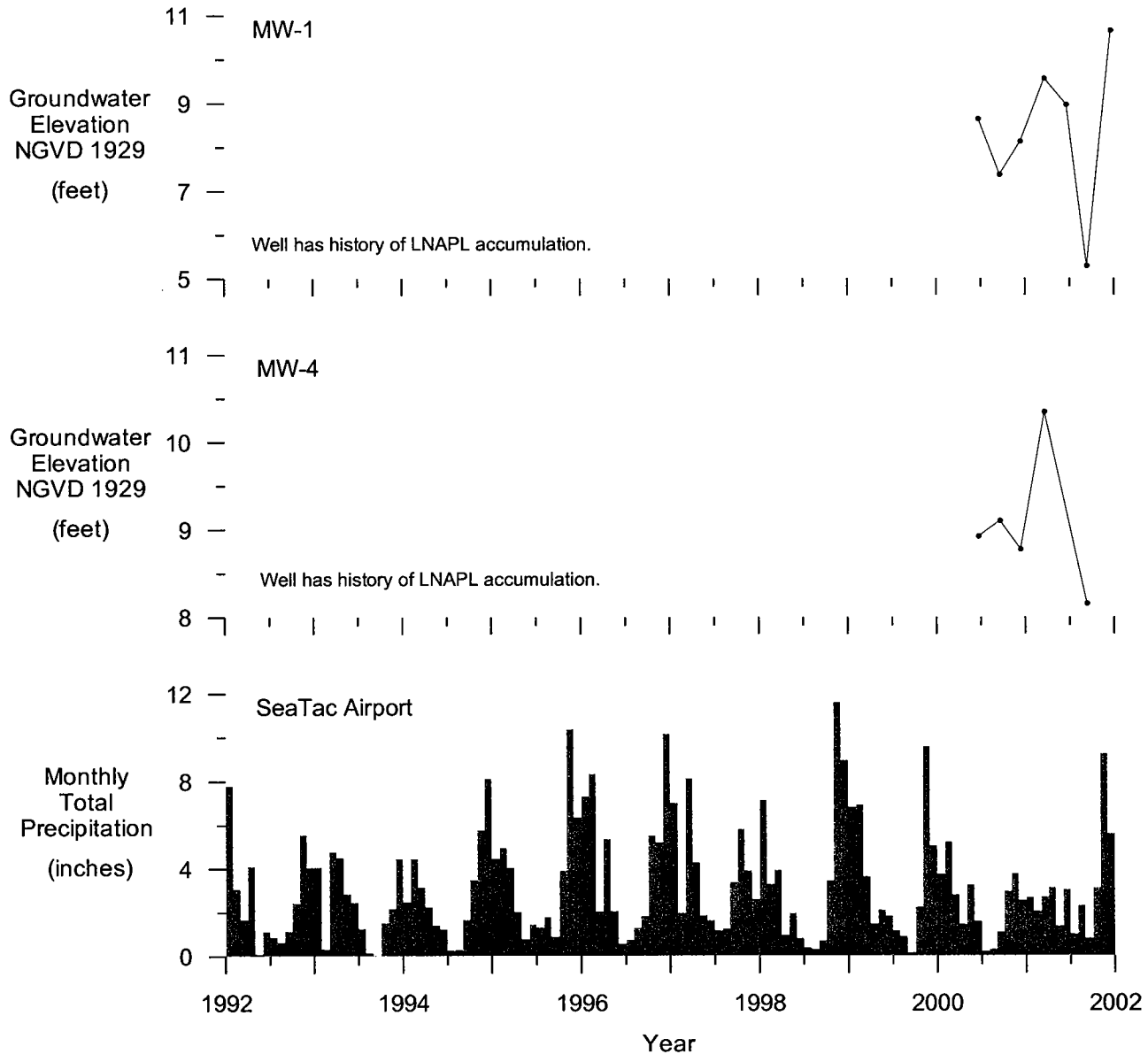
hydrograph_ctmw-13,14,15.grf

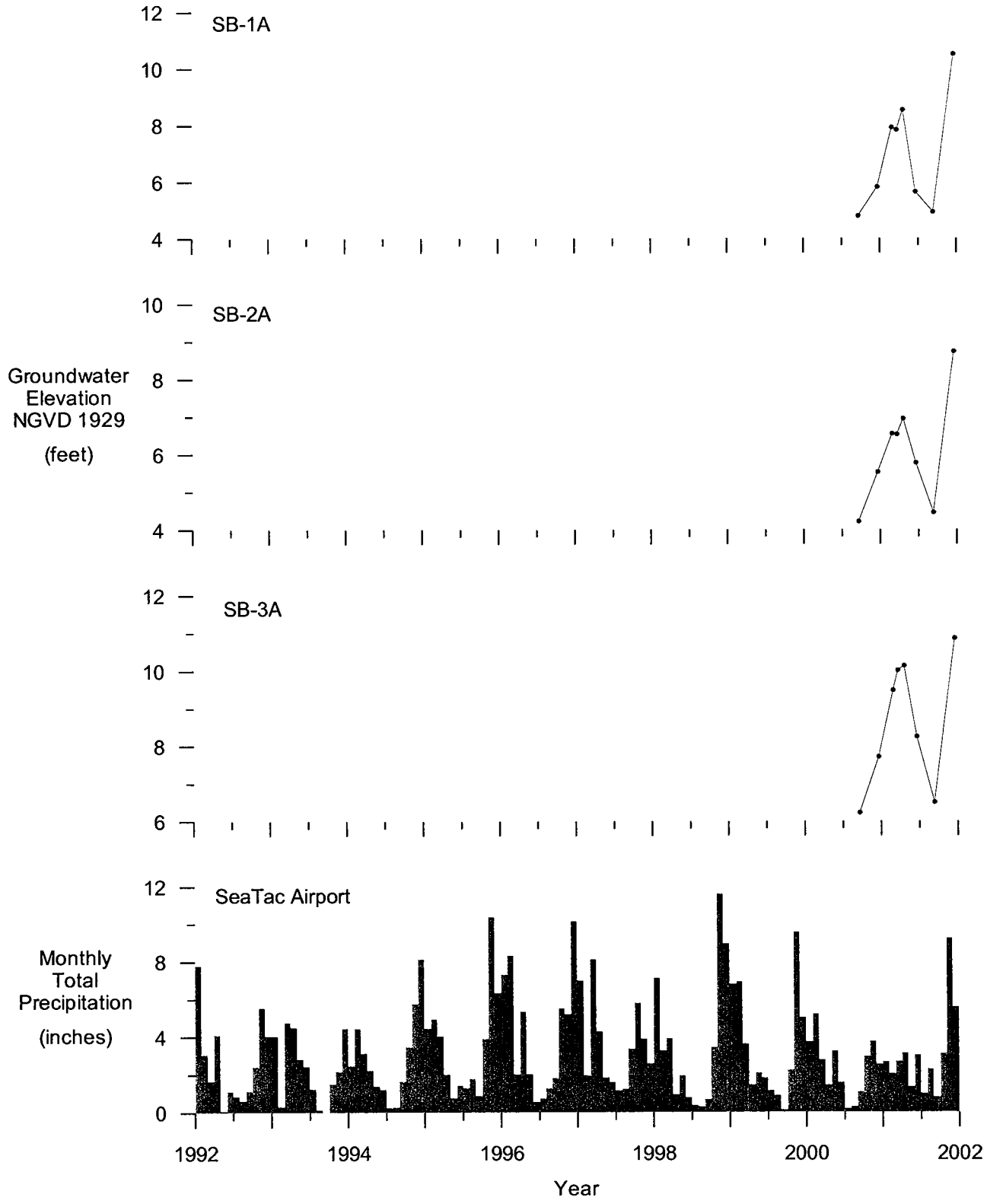


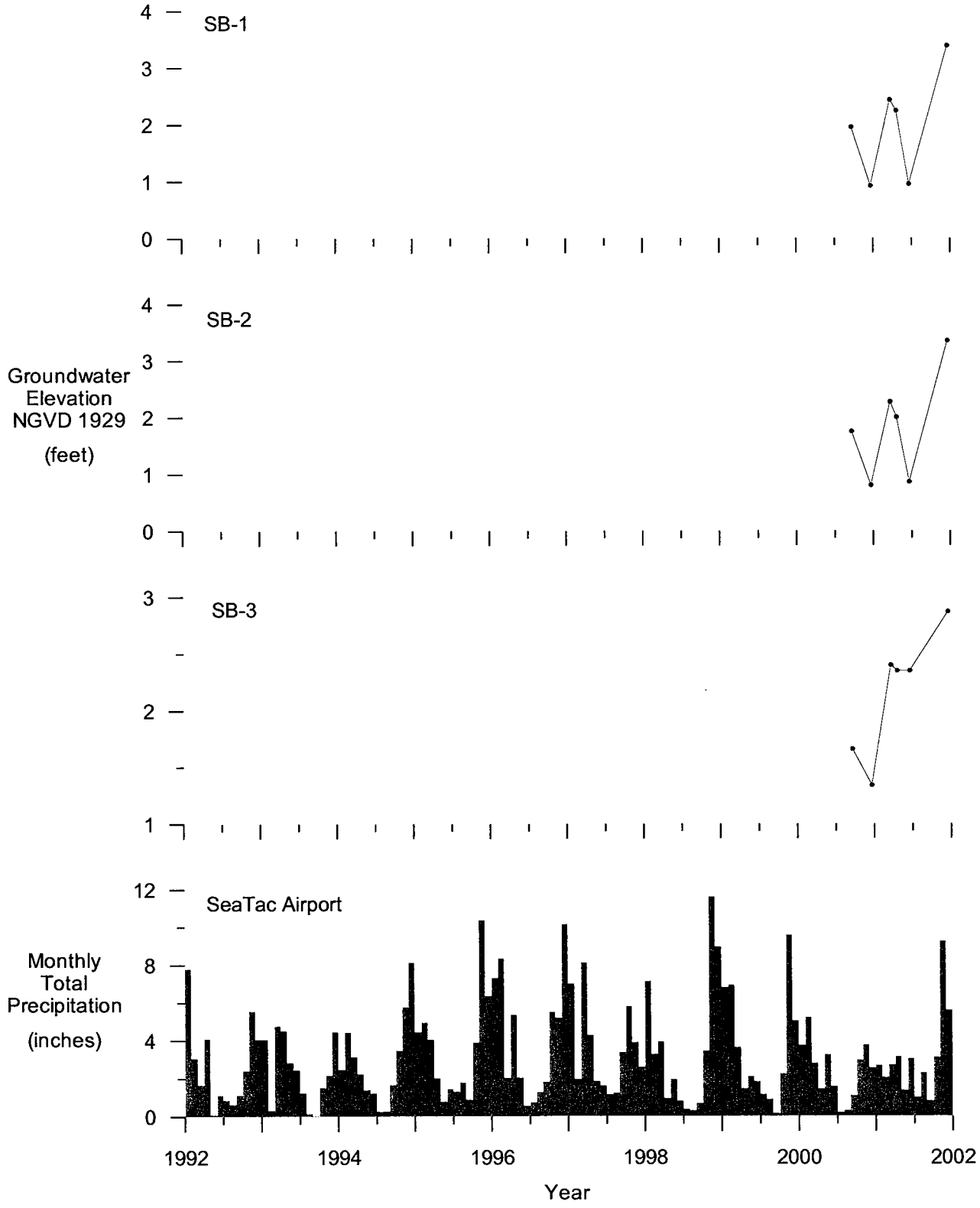
hydrograph_ctmw-16,17,18.grf



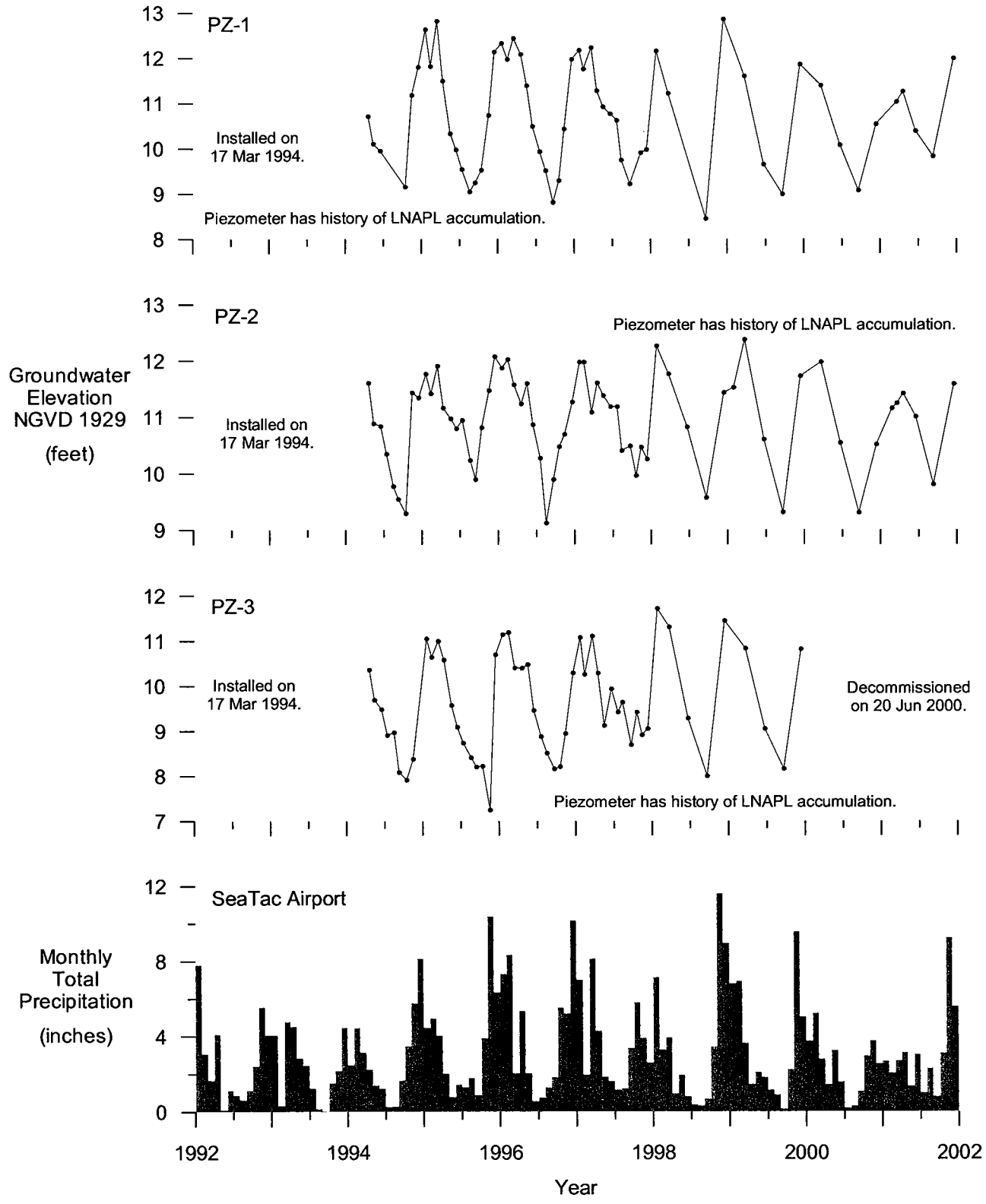
hydrograph_ctmw-19,20,21.grf

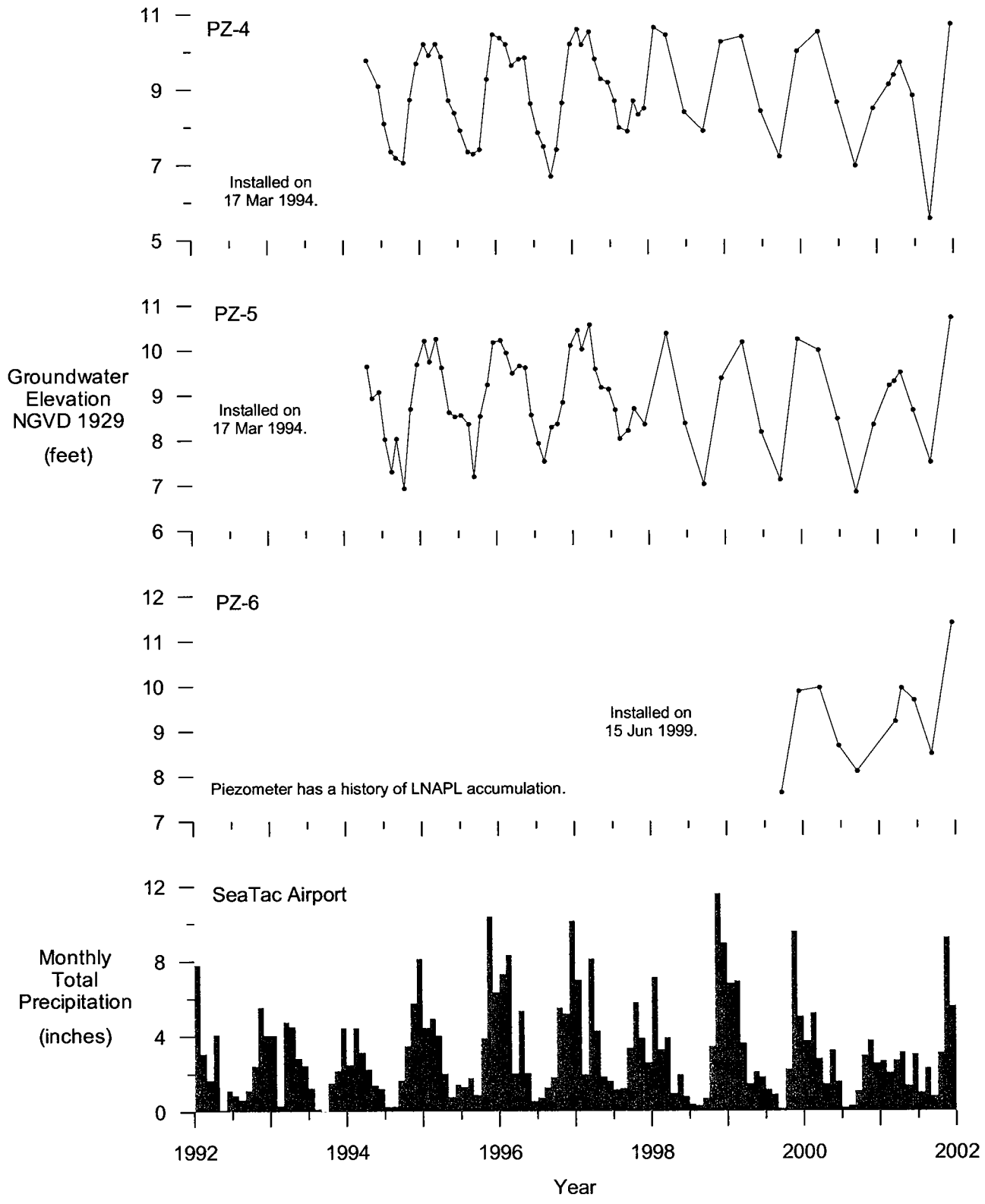

MW-1
Groundwater Elevation NGVD 1929 (feet)
11
9
7
5
Well has history of LNAPL accumulation.
MW-4
Groundwater Elevation NGVD 1929 (feet)
11
10
9
8
Well has history of LNAPL accumulation.
SeaTac Airport
Monthly Total Precipitation (inches)
12
8
4
0
1992
1994
1996
1998
2000
2002
Year


SB-1A
SB-2A
SB-3A
SeaTac Airport
Groundwater Elevation NGVD 1929 (feet)
Monthly Total Precipitation (inches)
12
10
8
6
4
0
1992
1994
1996
1998
2000
2002
Year

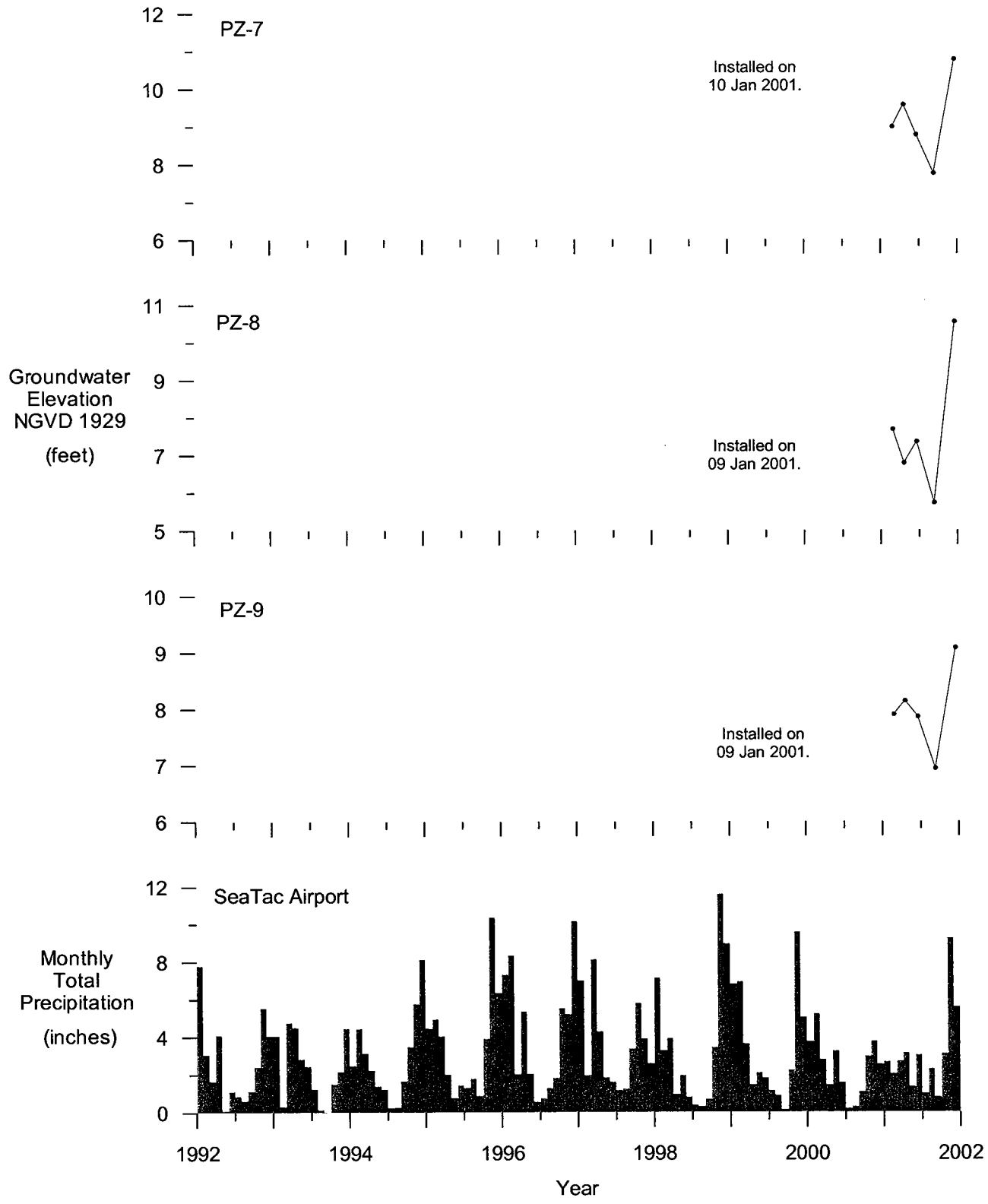


hydrograph_sb-1,2,3.grf

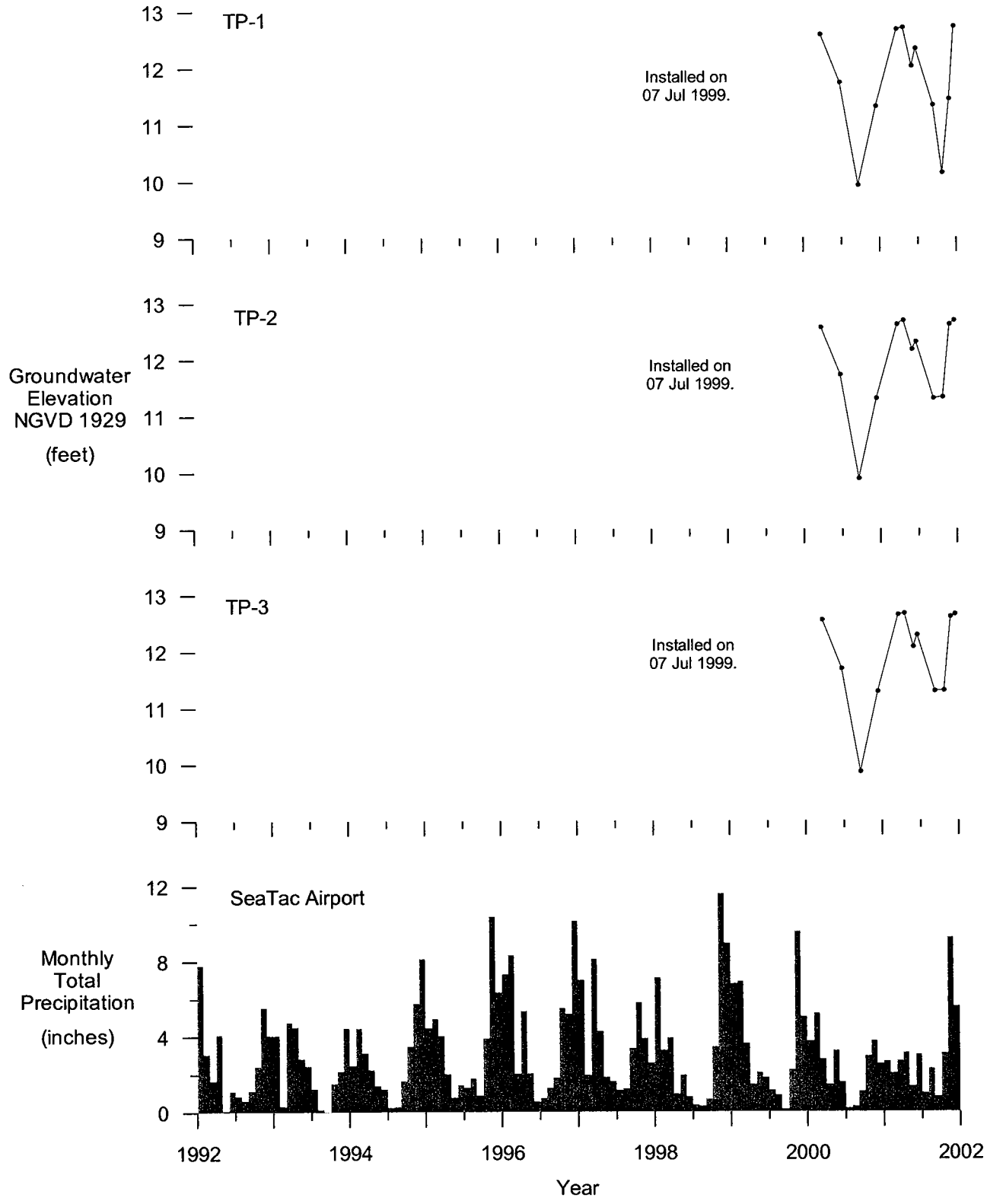

PZ-1
Installed on
17 Mar 1994.
Piezometer has history of LNAPL accumulation.
PZ-2
Piezometer has history of LNAPL accumulation.
Installed on
17 Mar 1994.
Groundwater
Elevation
NGVD 1929
(feet)
PZ-3
Installed on
17 Mar 1994.
Decommissioned
on 20 Jun 2000.
Piezometer has history of LNAPL accumulation.
SeaTac Airport
Monthly
Total
Precipitation
(inches)
1992
1994
1996
1998
2000
2002
Year

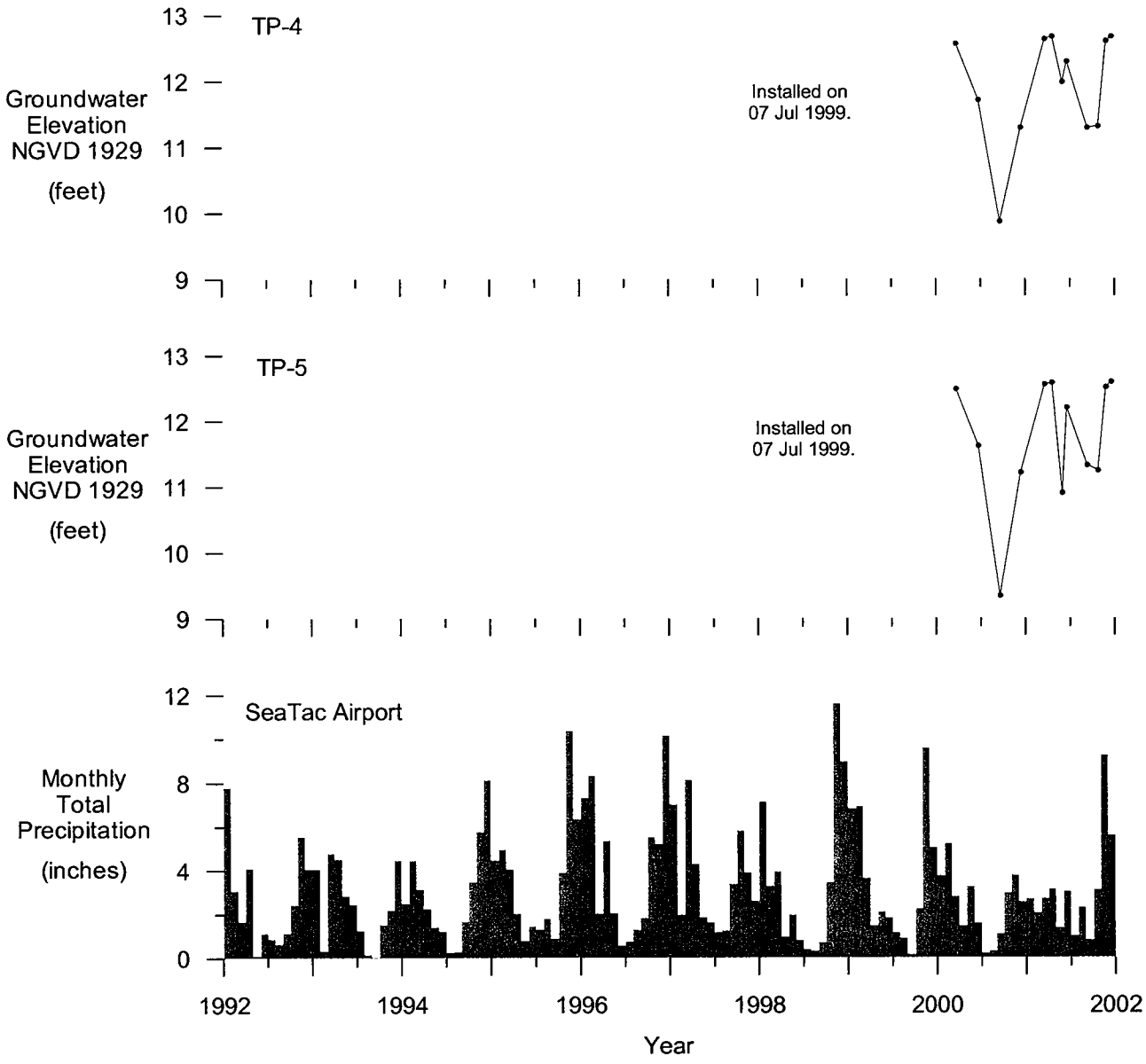


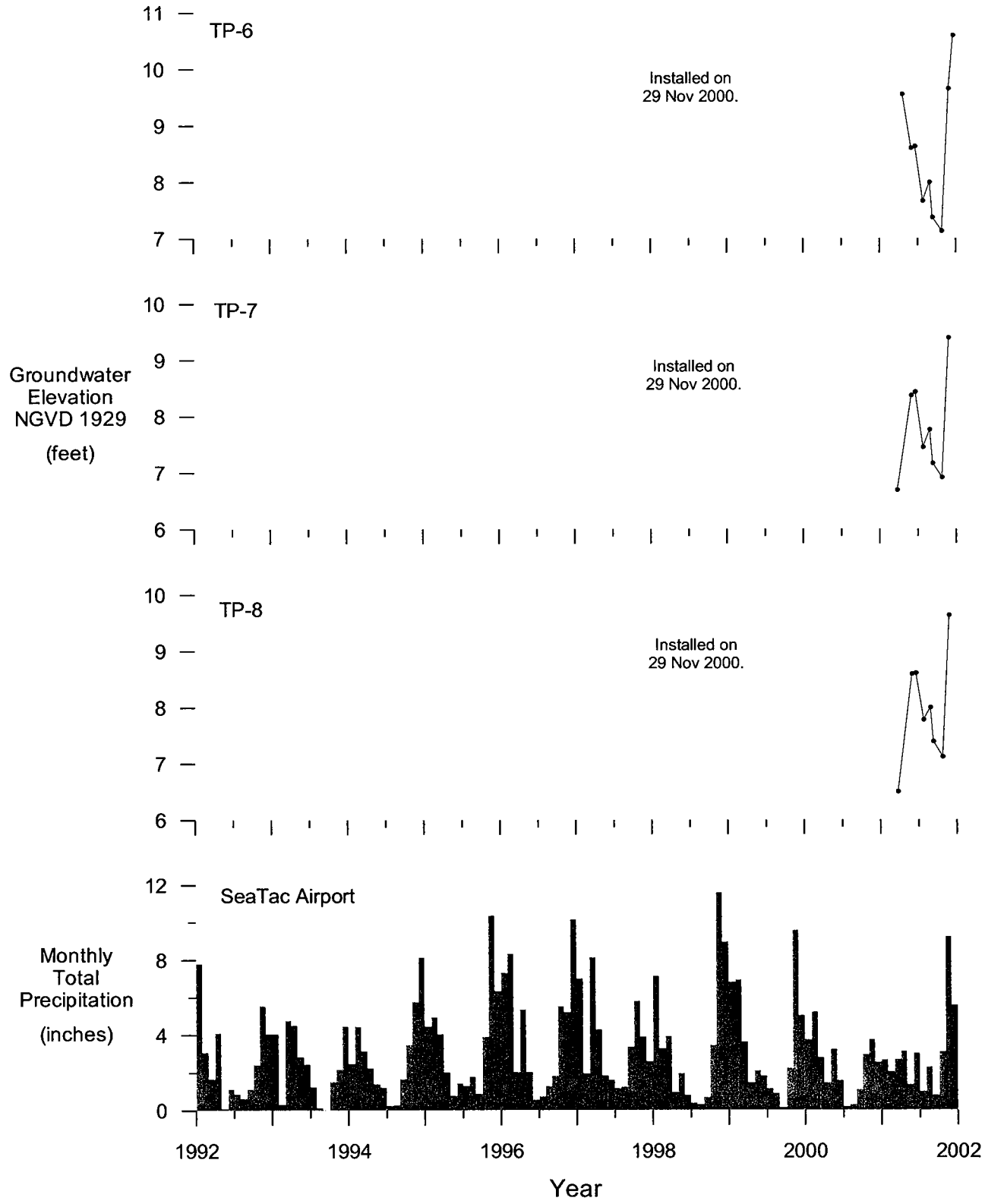
hydrograph_pz-4,5,6.grf



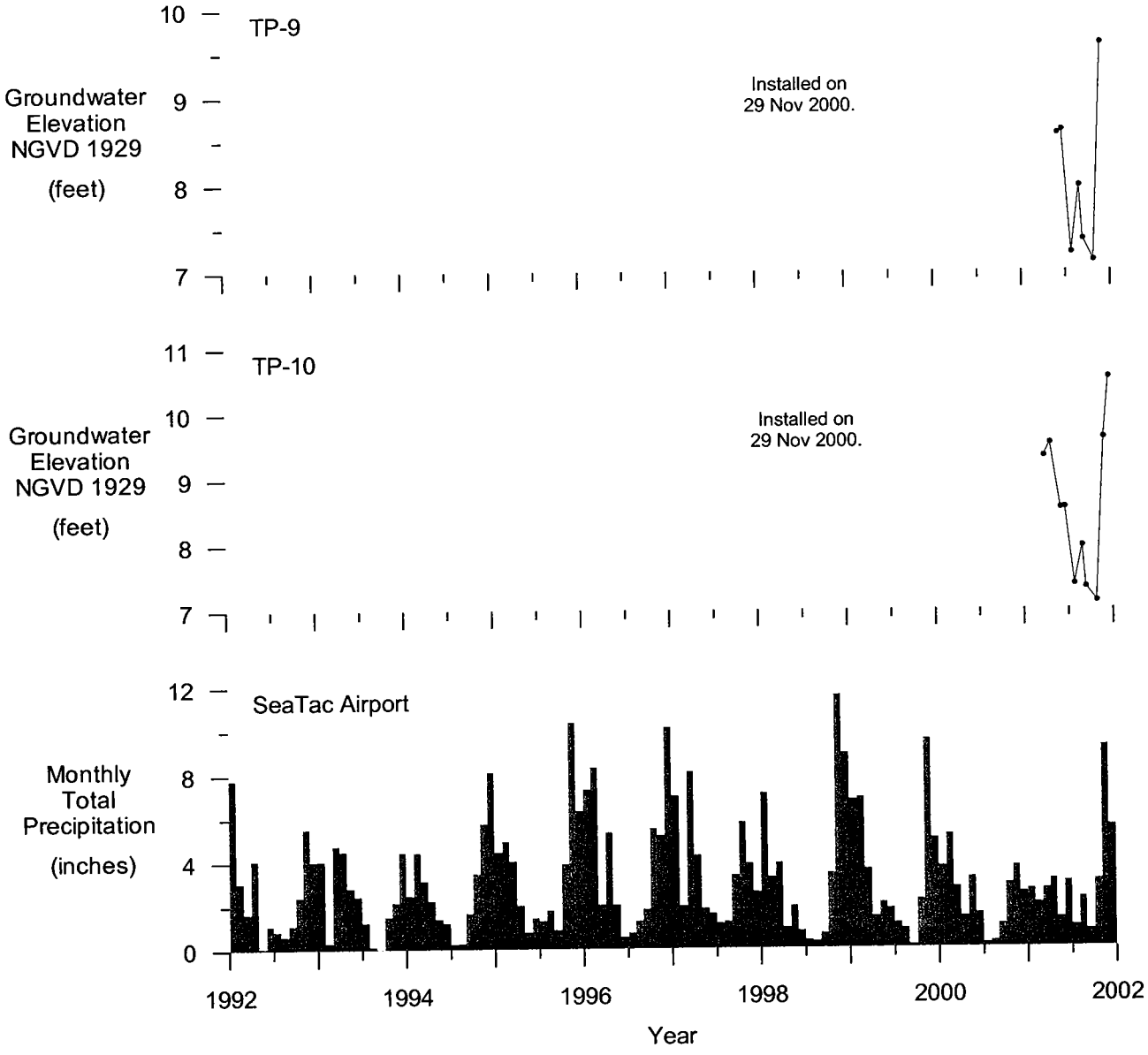
hydrograph_pz-7,8,9.grf

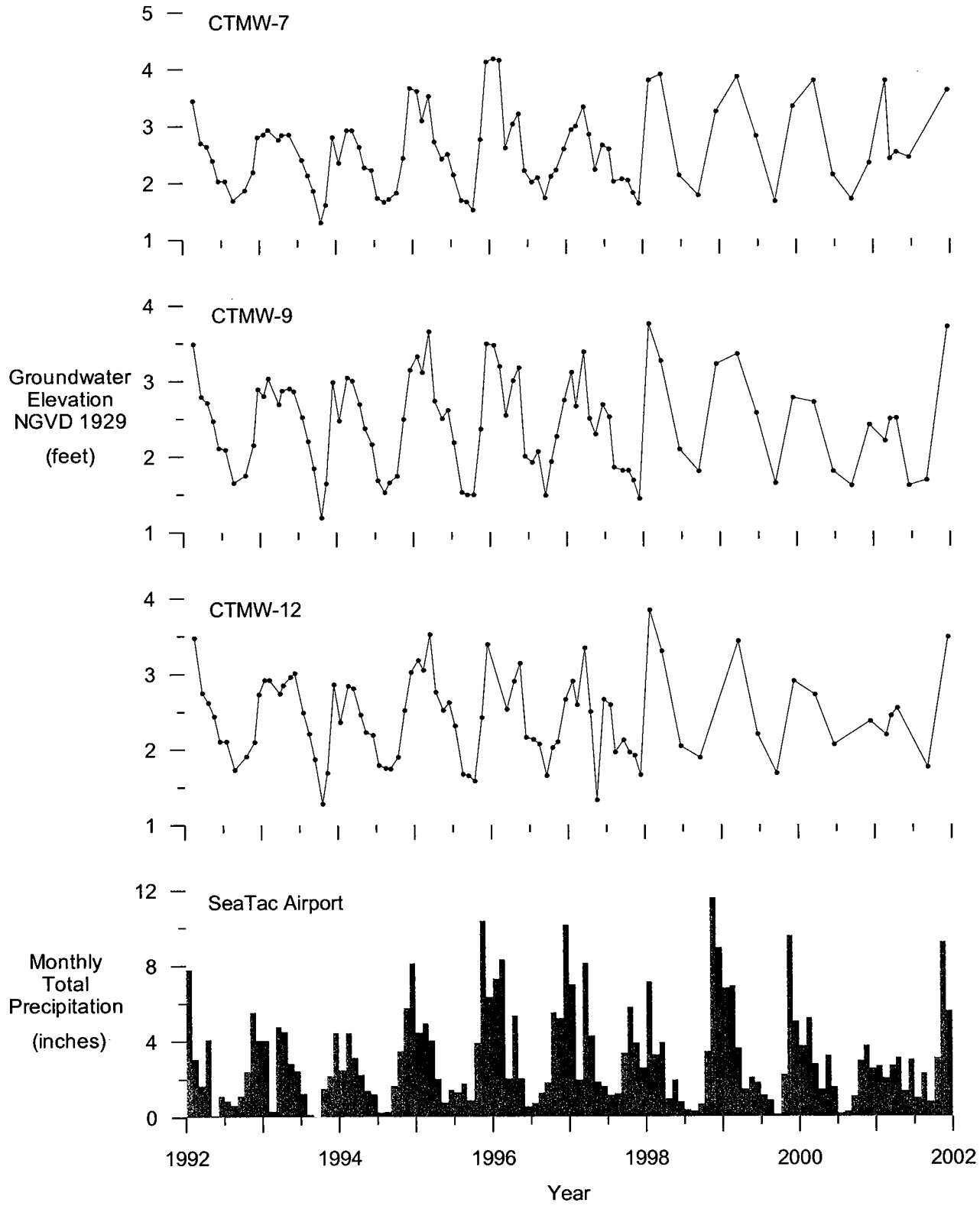

TP-1
Installed on
07 Jul 1999.
TP-2
Installed on
07 Jul 1999.
TP-3
Installed on
07 Jul 1999.
Groundwater
Elevation
NGVD 1929
(feet)
13
12
11
10
9
SeaTac Airport
Monthly
Total
Precipitation
(inches)
8
4
0
1992
1994
1996
1998
2000
2002
Year


TP-4
Groundwater Elevation NGVD 1929 (feet)
13
12
11
10
9
Installed on 07 Jul 1999.
TP-5
Groundwater Elevation NGVD 1929 (feet)
13
12
11
10
9
Installed on 07 Jul 1999.
SeaTac Airport
Monthly Total Precipitation (inches)
12
8
4
0
1992
1994
1996
1998
2000
2002
Year

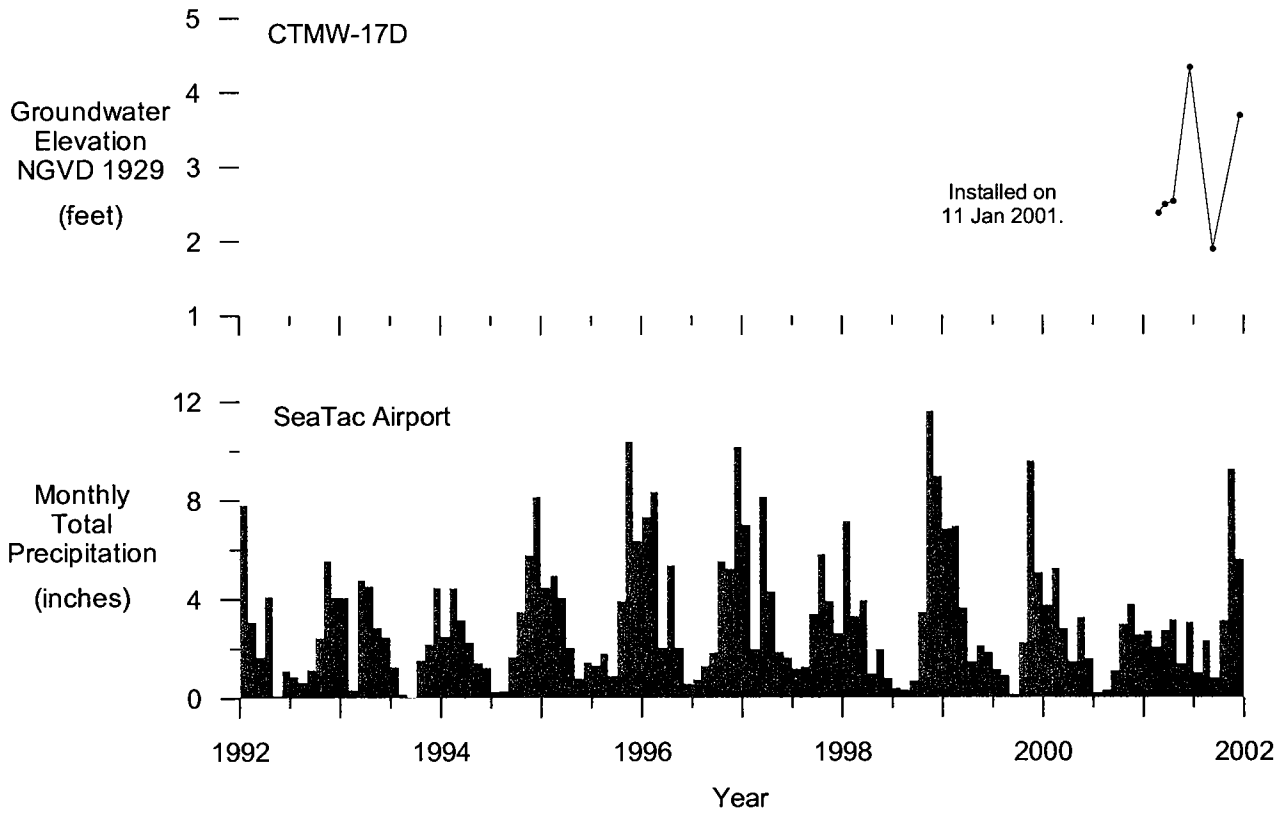


hydrograph_tp-6,7,8.grf

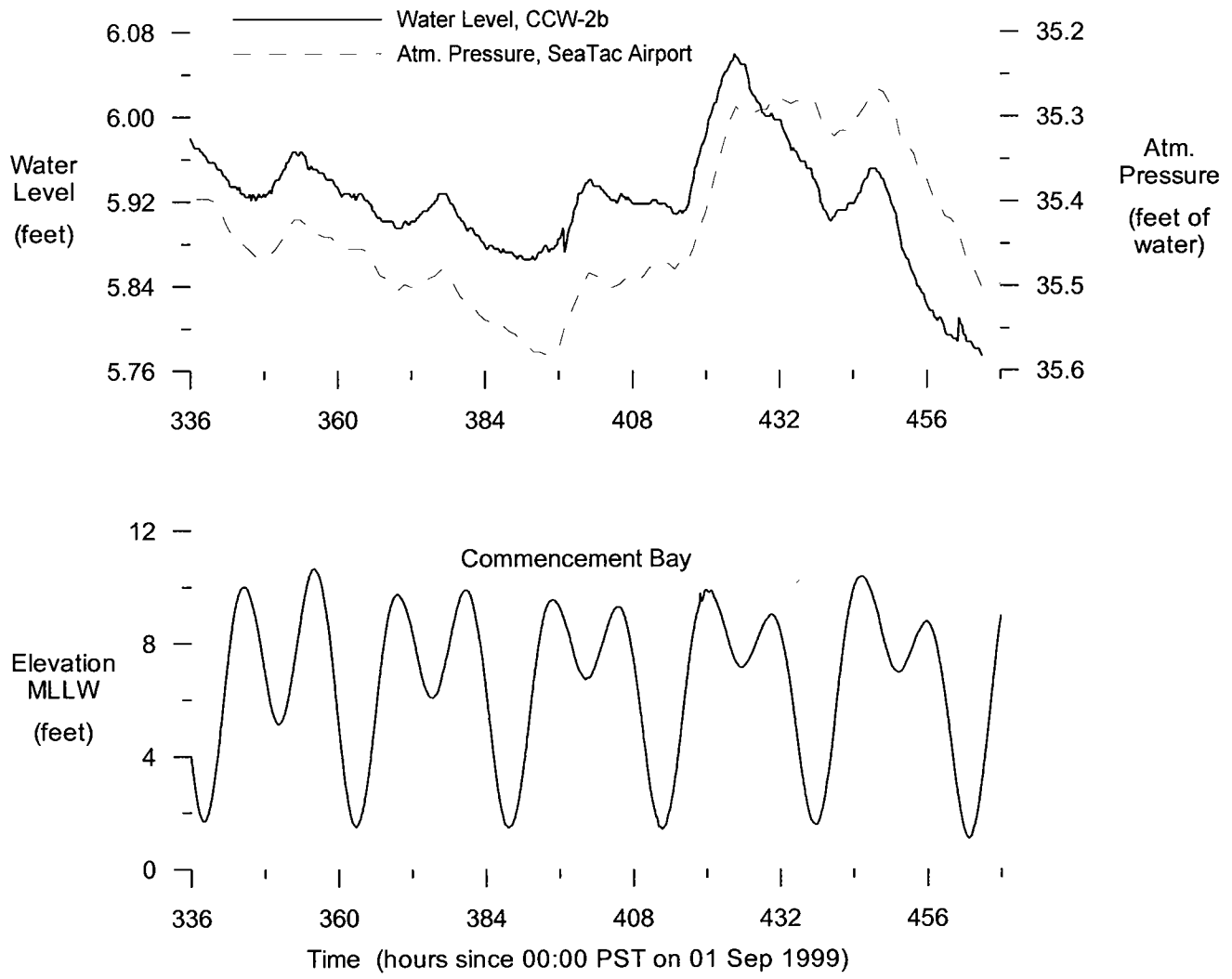

TP-9
Groundwater Elevation NGVD 1929 (feet)
10
9
8
7
Installed on 29 Nov 2000.
TP-10
Groundwater Elevation NGVD 1929 (feet)
11
10
9
8
7
Installed on 29 Nov 2000.
SeaTac Airport
Monthly Total Precipitation (inches)
12
8
4
0
1992
1994
1996
1998
2000
2002
Year



hydrograph_ctmw-7,9,12.grf

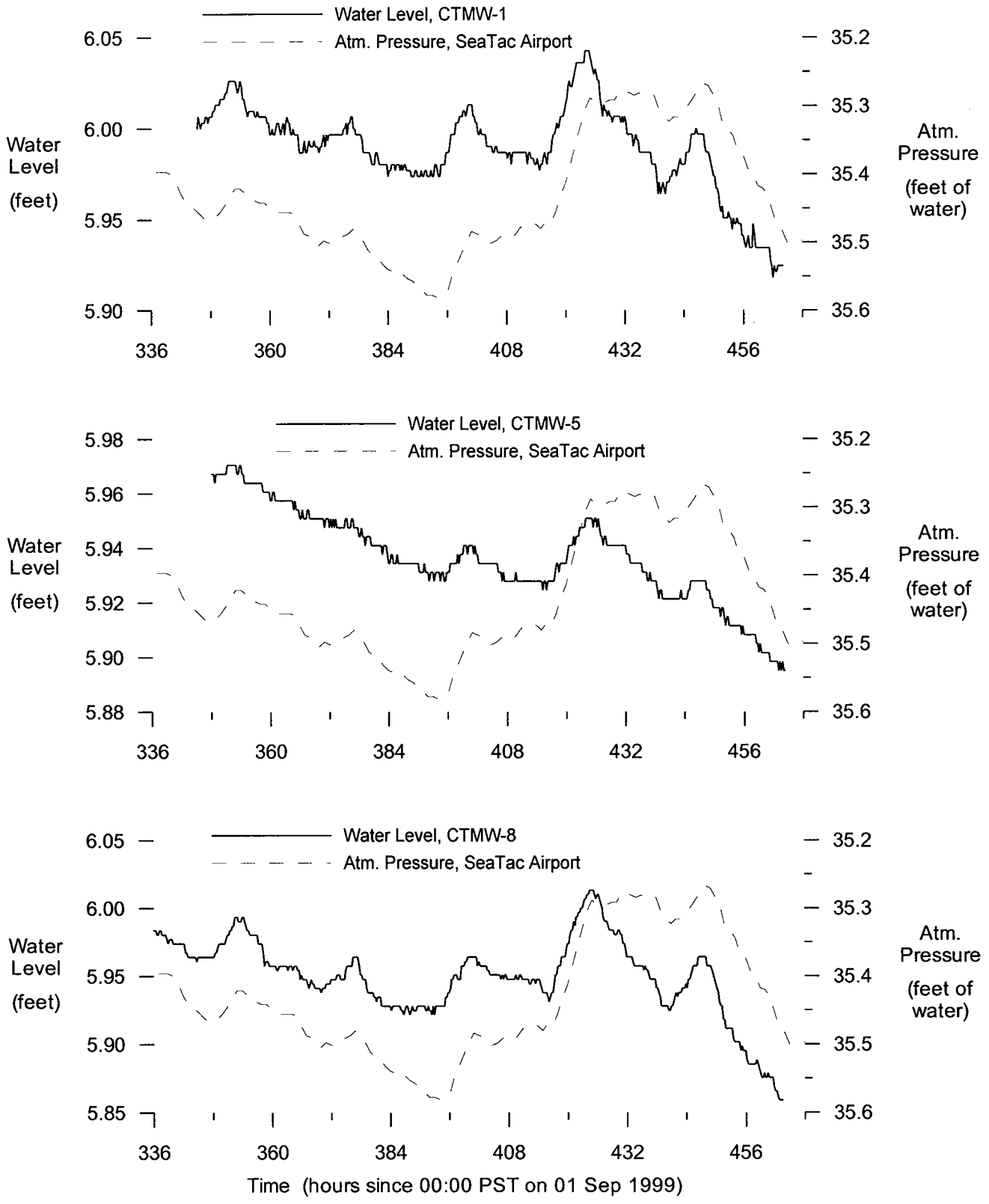

CTMW-17D
Groundwater Elevation NGVD 1929 (feet)
5
4
3
2
1
Installed on 11 Jan 2001.
SeaTac Airport
Monthly Total Precipitation (inches)
12
8
4
0
1992
1994
1996
1998
2000
2002
Year

Short-term Monitoring Results



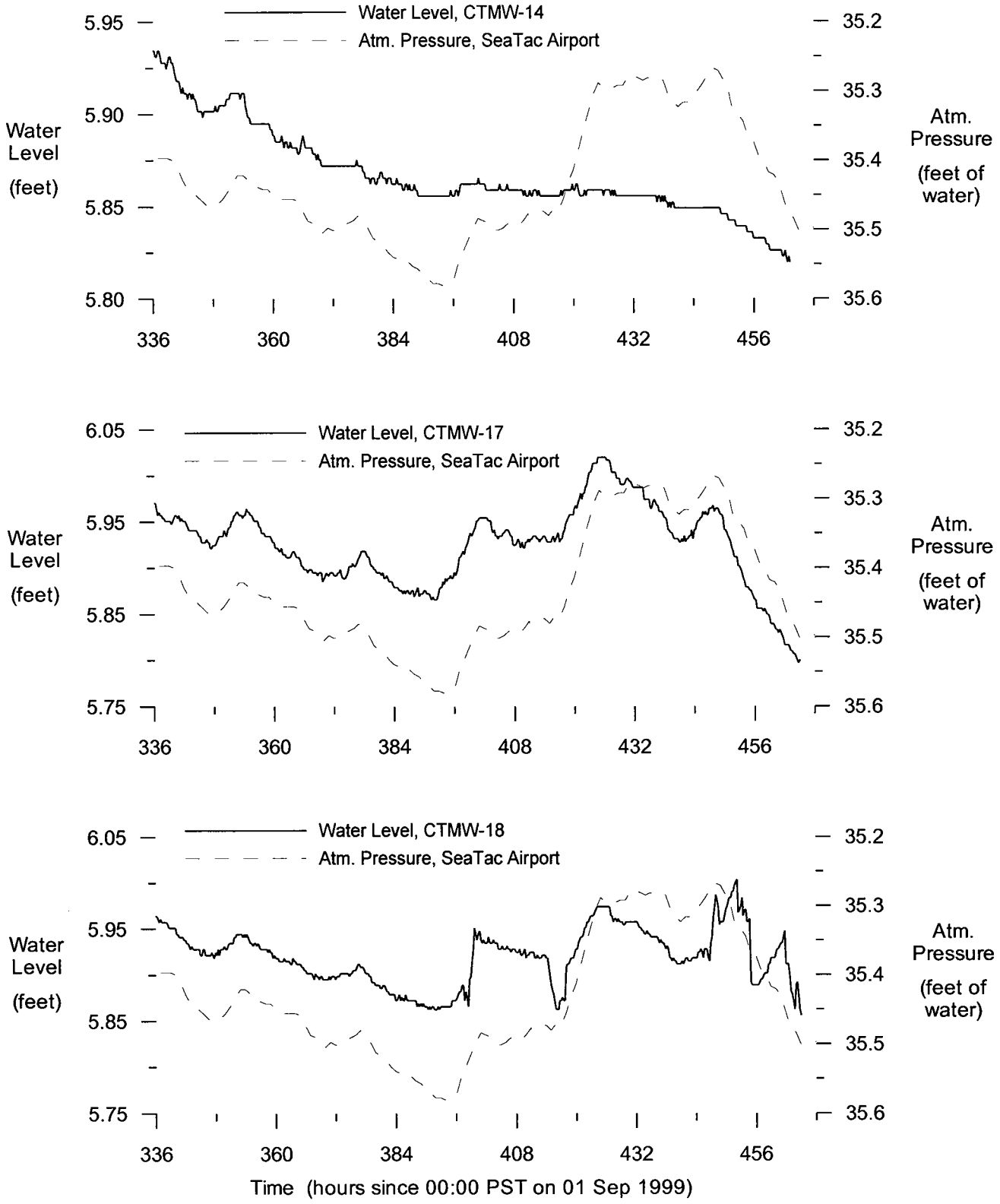
September 1999 short-term monitoring results for well CCW-2b.

ccw-2b,atmo,tide.grf



September 1999 short-term monitoring results for wells CTMW-1, CTMW-5 and CTMW-8.

ctmw-1,5,8.grf



September 1999 short-term monitoring results for wells CTMW-14, CTMW-17 and CTMW-18.

ctmw-14,17,18.grf

Appendix G
SWMU 53, 54, and 55 Closure
Sample Data
(2005 PSC Remedial Investigation)

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-1	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 25	
FP-1	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 37	
FP-1	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 42	
FP-1	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	95-50-1	1,2-dichlorobenzene	ug/kg	< 37	
FP-1	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	541-73-1	1,3-dichlorobenzene	ug/kg	< 37	
FP-1	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	106-46-7	1,4-dichlorobenzene	ug/kg	< 37	
FP-1	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	< 180	U J
FP-1	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	< 37	
FP-1	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	< 37	
FP-1	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 42	
FP-1	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.5	
FP-1	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	< 37	
FP-1	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	< 37	U J
FP-1	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 42	
FP-1	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	< 37	
FP-1	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 42	
FP-1	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	< 74	
FP-1	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	< 37	
FP-1	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 42	
FP-1	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	< 180	
FP-1	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	< 180	U J
FP-1	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	< 37	
FP-1	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	< 74	U J
FP-1	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	< 74	
FP-1	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	< 37	
FP-1	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 42	
FP-1	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	< 37	U J
FP-1	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	< 180	
FP-1	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	< 37	U J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-1	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	< 37	
FP-1	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	< 37	
FP-1	10/19/1999	8260	67-64-1	acetone	ug/kg	< 42	
FP-1	10/19/1999	8270	98-86-2	acetophenone	ug/kg	< 180	
FP-1	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 170	
FP-1	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 42	
FP-1	10/19/1999	8270	62-53-3	aniline	ug/kg	< 180	
FP-1	10/19/1999	8270	120-12-7	anthracene	ug/kg	< 37	
FP-1	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1600	
FP-1	10/19/1999	8080	12674-11-2	aroclor 1016	mg/kg	< 0.0722	
FP-1	10/19/1999	8080	11104-28-2	aroclor 1221	mg/kg	< 0.0722	
FP-1	10/19/1999	8080	11141-16-5	aroclor 1232	mg/kg	< 0.0722	
FP-1	10/19/1999	8080	53469-21-9	aroclor 1242	mg/kg	< 0.0722	
FP-1	10/19/1999	8080	12672-29-6	aroclor 1248	mg/kg	< 0.0722	
FP-1	10/19/1999	8080	11097-69-1	aroclor 1254	mg/kg	0.231	
FP-1	10/19/1999	8080	11096-82-5	aroclor 1260	mg/kg	< 0.0722	
FP-1	10/19/1999	6010	7440-38-2	arsenic	mg/kg	3.49	
FP-1	10/19/1999	8270	103-33-3	azobenzene	ug/kg	< 37	
FP-1	10/19/1999	6000	7440-39-3	barium	ug/l	519	
FP-1	10/19/1999	6010	7440-39-3	barium	ug/kg	62300	
FP-1	10/19/1999	8260	71-43-2	benzene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	92-87-5	benzidine	ug/kg	< 37	
FP-1	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	< 74	
FP-1	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	< 37	
FP-1	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	< 37	
FP-1	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	< 37	
FP-1	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	< 37	
FP-1	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	< 180	U J
FP-1	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	< 74	
FP-1	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	< 37	
FP-1	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	< 37	
FP-1	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	< 37	
FP-1	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	700	
FP-1	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 8.5	
FP-1	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 8.5	
FP-1	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	270	
FP-1	10/19/1999	6010	7440-43-9	cadmium	ug/kg	392	
FP-1	10/19/1999	6000	7440-43-9	cadmium	ug/l	< 5.00	
FP-1	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.5	
FP-1	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.5	
FP-1	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	67-66-3		ug/kg	< 8.5	
FP-1	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 8.5	
FP-1	10/19/1999	6010	7440-47-3	chromium	ug/kg	16500	
FP-1	10/19/1999	6000	7440-47-3	chromium	ug/l	< 10.0	
FP-1	10/19/1999	8270	218-01-9	chrysene	ug/kg	< 37	
FP-1	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.5	
FP-1	10/19/1999	6010	7440-50-8	copper	ug/kg	17500	
FP-1	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	< 37	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-1	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	< 180	
FP-1	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 42	
FP-1	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	< 37	
FP-1	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	< 37	
FP-1	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	< 37	
FP-1	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	50	
FP-1	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	91.84	
FP-1	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	< 37	
FP-1	10/19/1999	8270	86-73-7	fluorene	ug/kg	< 37	
FP-1	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	< 37	
FP-1	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	87-68-3	hexachlorobutadiene	ug/kg	< 37	
FP-1	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	< 37	
FP-1	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	< 37	
FP-1	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	< 37	
FP-1	10/19/1999	8270	78-59-1	isophorone	ug/kg	< 37	
FP-1	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.5	
FP-1	10/19/1999	6010	7439-92-1	lead	ug/kg	11100	
FP-1	10/19/1999	6000	7439-92-1	lead	ug/l	< 100	
FP-1	10/19/1999	6010	7439-97-6	mercury	ug/kg	32.6	
FP-1	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
FP-1	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	71	
FP-1	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 42	
FP-1	10/19/1999	8270	91-20-3	naphthalene	ug/kg	< 37	
FP-1	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	6010	7440-02-0	nickel	ug/kg	15600	
FP-1	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	< 37	
FP-1	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	< 37	
FP-1	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	< 37	
FP-1	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	< 180	U J
FP-1	10/19/1999	9040	12408-02-5	pH		7.00	
FP-1	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	< 37	
FP-1	10/19/1999	8270	108-95-2	phenol	ug/kg	< 37	U J
FP-1	10/19/1999	8260	106-42-3	p-xylene	ug/kg	< 8.5	
FP-1	10/19/1999	8270	129-00-0	pyrene	ug/kg	< 37	
FP-1	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.5	
FP-1	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
FP-1	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 402	
FP-1	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
FP-1	10/19/1999	6010	7440-22-4	silver	ug/kg	< 267	
FP-1	10/19/1999	8260	100-42-5	styrene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.5	
FP-1	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5340	U J
FP-1	10/19/1999	8260	108-88-3	toluene	ug/kg	< 17	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
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Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-1	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.5	
FP-1	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 17	
FP-1	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.5	
FP-1	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.5	
FP-1	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.5	
FP-1	10/19/1999	6010	7440-66-6	zinc	ug/kg	47900	
FP-2	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 28	
FP-2	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 36	
FP-2	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 46	
FP-2	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	95-50-1	1,2-dichlorobenzene	ug/kg	< 36	
FP-2	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	541-73-1	1,3-dichlorobenzene	ug/kg	< 36	
FP-2	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	106-46-7	1,4-dichlorobenzene	ug/kg	< 36	
FP-2	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	< 180	U J
FP-2	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	< 36	
FP-2	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	< 36	
FP-2	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 46	
FP-2	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 9.2	
FP-2	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	< 36	
FP-2	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	< 36	U J
FP-2	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 46	
FP-2	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	< 36	
FP-2	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 46	
FP-2	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	< 71	
FP-2	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	< 36	
FP-2	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 46	
FP-2	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	< 180	
FP-2	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	< 180	U J
FP-2	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	< 36	
FP-2	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	< 71	U J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-2	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	< 71	
FP-2	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	< 36	
FP-2	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 46	
FP-2	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	< 180	
FP-2	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	< 36	U J
FP-2	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	< 36	
FP-2	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	< 36	
FP-2	10/19/1999	8260	67-64-1	acetone	ug/kg	< 46	
FP-2	10/19/1999	8270	98-86-2	acetophenone	ug/kg	< 180	
FP-2	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 190	
FP-2	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 46	
FP-2	10/19/1999	8270	62-53-3	aniline	ug/kg	< 180	
FP-2	10/19/1999	8270	120-12-7	anthracene	ug/kg	< 36	
FP-2	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1660	
FP-2	10/19/1999	8080	12674-11-2	aroclor 1016	mg/kg	< 0.0731	
FP-2	10/19/1999	8080	11104-28-2	aroclor 1221	mg/kg	< 0.0731	
FP-2	10/19/1999	8080	11141-16-5	aroclor 1232	mg/kg	< 0.0731	
FP-2	10/19/1999	8080	53469-21-9	aroclor 1242	mg/kg	< 0.0731	
FP-2	10/19/1999	8080	12672-29-6	aroclor 1248	mg/kg	< 0.0731	
FP-2	10/19/1999	8080	11097-69-1	aroclor 1254	mg/kg	< 0.0731	
FP-2	10/19/1999	8080	11096-82-5	aroclor 1260	mg/kg	< 0.0731	
FP-2	10/19/1999	6010	7440-38-2	arsenic	mg/kg	3.09	
FP-2	10/19/1999	8270	103-33-3	azobenzene	ug/kg	< 36	
FP-2	10/19/1999	6000	7440-39-3	barium	ug/l	355	
FP-2	10/19/1999	6010	7440-39-3	barium	ug/kg	73900	
FP-2	10/19/1999	8260	71-43-2	benzene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	92-87-5	benzidine	ug/kg	< 36	
FP-2	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	< 71	
FP-2	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	< 36	
FP-2	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	< 36	
FP-2	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	< 36	
FP-2	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	< 36	
FP-2	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	< 180	U J
FP-2	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	< 71	
FP-2	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	< 36	
FP-2	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	< 36	
FP-2	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	< 36	
FP-2	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	< 180	
FP-2	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 9.2	
FP-2	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 9.2	
FP-2	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	36	
FP-2	10/19/1999	6010	7440-43-9	cadmium	ug/kg	296	
FP-2	10/19/1999	6000	7440-43-9	cadmium	ug/l	< 5.00	
FP-2	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 9.5	
FP-2	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 9.2	
FP-2	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	67-66-3	chloroform	ug/kg	< 9.2	
FP-2	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 9.2	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-2	10/19/1999	6010	7440-47-3	chromium	ug/kg	16600	
FP-2	10/19/1999	6000	7440-47-3	chromium	ug/l	< 10.0	
FP-2	10/19/1999	8270	218-01-9	chrysene	ug/kg	< 36	
FP-2	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 9.2	
FP-2	10/19/1999	6010	7440-50-8	copper	ug/kg	18000	
FP-2	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	< 36	
FP-2	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	< 180	
FP-2	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 46	
FP-2	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	< 36	
FP-2	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	< 36	
FP-2	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	< 36	
FP-2	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	< 36	
FP-2	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	90.48	
FP-2	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	< 36	
FP-2	10/19/1999	8270	86-73-7	fluorene	ug/kg	< 36	
FP-2	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	< 36	
FP-2	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	87-68-3	hexachlorobutadiene	ug/kg	< 36	
FP-2	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	< 36	
FP-2	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	< 36	
FP-2	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	< 36	
FP-2	10/19/1999	8270	78-59-1	isophorone	ug/kg	< 36	
FP-2	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 9.2	
FP-2	10/19/1999	6010	7439-92-1	lead	ug/kg	5180	
FP-2	10/19/1999	6000	7439-92-1	lead	ug/l	< 100	
FP-2	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
FP-2	10/19/1999	6010	7439-97-6	mercury	ug/kg	< 21.5	
FP-2	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	120	
FP-2	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 46	
FP-2	10/19/1999	8270	91-20-3	naphthalene	ug/kg	< 36	
FP-2	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	6010	7440-02-0	nickel	ug/kg	14600	
FP-2	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	< 36	
FP-2	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	< 36	
FP-2	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	< 36	
FP-2	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	< 180	U J
FP-2	10/19/1999	9040	12408-02-5	pH		8.03	
FP-2	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	< 36	
FP-2	10/19/1999	8270	108-95-2	phenol	ug/kg	< 36	U J
FP-2	10/19/1999	8260	106-42-3	p-xylene	ug/kg	< 9.2	
FP-2	10/19/1999	8270	129-00-0	pyrene	ug/kg	< 36	
FP-2	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 9.2	
FP-2	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
FP-2	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 414	

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SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-2	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
FP-2	10/19/1999	6010	7440-22-4	silver	ug/kg	< 276	
FP-2	10/19/1999	8260	100-42-5	styrene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 9.2	
FP-2	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5530	U J
FP-2	10/19/1999	8260	108-88-3	toluene	ug/kg	< 19	
FP-2	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 9.2	
FP-2	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 19	
FP-2	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 9.2	
FP-2	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 9.2	
FP-2	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 9.2	
FP-2	10/19/1999	6010	7440-66-6	zinc	ug/kg	32800	
FP-3	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 10	
FP-3	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 31	
FP-3	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 10	
FP-3	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 10	
FP-3	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 10	
FP-3	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 10	
FP-3	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 10	
FP-3	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 10	
FP-3	10/19/1999	8270	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 51	
FP-3	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 10	
FP-3	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 10	
FP-3	10/19/1999	8270	95-50-1	1,2-dichlorobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 10	
FP-3	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 10	
FP-3	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 10	
FP-3	10/19/1999	8270	541-73-1	1,3-dichlorobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 10	
FP-3	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 10	
FP-3	10/19/1999	8270	106-46-7	1,4-dichlorobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	< 180	U J
FP-3	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 51	
FP-3	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 10	
FP-3	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	< 36	U J
FP-3	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 10	
FP-3	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 51	
FP-3	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 51	
FP-3	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	< 73	U J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-3	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	< 36	U J
FP-3	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 51	
FP-3	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	< 180	U J
FP-3	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	< 180	U J
FP-3	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	< 36	U J
FP-3	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	< 74	U J
FP-3	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	< 74	U J
FP-3	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	< 36	U J
FP-3	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 10	
FP-3	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 51	
FP-3	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	< 180	U J
FP-3	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	< 36	U J
FP-3	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	67-64-1	acetone	ug/kg	< 51	
FP-3	10/19/1999	8270	98-86-2	acetophenone	ug/kg	< 180	U J
FP-3	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 210	
FP-3	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 51	
FP-3	10/19/1999	8270	62-53-3	aniline	ug/kg	< 180	U J
FP-3	10/19/1999	8270	120-12-7	anthracene	ug/kg	< 36	U J
FP-3	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1660	
FP-3	10/19/1999	8080	12674-11-2	aroclor 1016	mg/kg	< 0.0184	
FP-3	10/19/1999	8080	11104-28-2	aroclor 1221	mg/kg	< 0.0184	
FP-3	10/19/1999	8080	11141-16-5	aroclor 1232	mg/kg	< 0.0184	
FP-3	10/19/1999	8080	53469-21-9	aroclor 1242	mg/kg	< 0.0184	
FP-3	10/19/1999	8080	12672-29-6	aroclor 1248	mg/kg	< 0.0184	
FP-3	10/19/1999	8080	11097-69-1	aroclor 1254	mg/kg	0.0551	
FP-3	10/19/1999	8080	11096-82-5	aroclor 1260	mg/kg	0.0698	
FP-3	10/19/1999	6010	7440-38-2	arsenic	mg/kg	3.12	
FP-3	10/19/1999	8270	103-33-3	azobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	6000	7440-39-3	barium	ug/l	761	
FP-3	10/19/1999	6010	7440-39-3	barium	ug/kg	76400	
FP-3	10/19/1999	8260	71-43-2	benzene	ug/kg	< 10	
FP-3	10/19/1999	8270	92-87-5	benzidine	ug/kg	< 36	U J
FP-3	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	< 73	U J
FP-3	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	< 180	U J
FP-3	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	< 73	U J
FP-3	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	< 36	U J
FP-3	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	< 36	U J
FP-3	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	< 36	U J
FP-3	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	190	J
FP-3	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 10	
FP-3	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 10	
FP-3	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 10	
FP-3	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	140	J
FP-3	10/19/1999	6000	7440-43-9	cadmium	ug/l	9.10	
FP-3	10/19/1999	6010	7440-43-9	cadmium	ug/kg	573	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-3	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 10	
FP-3	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 10	
FP-3	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 10	
FP-3	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 10	
FP-3	10/19/1999	8260	67-66-3	chloroform	ug/kg	< 10	
FP-3	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 10	
FP-3	10/19/1999	6000	7440-47-3	chromium	ug/l	12.1	
FP-3	10/19/1999	6010	7440-47-3	chromium	ug/kg	15700	
FP-3	10/19/1999	8270	218-01-9	chrysene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 10	
FP-3	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 10	
FP-3	10/19/1999	6010	7440-50-8	copper	ug/kg	62900	
FP-3	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	< 180	U J
FP-3	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 10	
FP-3	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 10	
FP-3	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 51	
FP-3	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	< 36	U J
FP-3	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	< 36	U J
FP-3	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	< 36	U J
FP-3	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	< 36	U J
FP-3	10/19/1999	bSOPSPL003	GIS_DRYWEIG	dry weight	%	90.39	
FP-3	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	< 10	
FP-3	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	86-73-7	fluorene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 10	
FP-3	10/19/1999	8270	87-68-3	hexachlorobutadiene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	< 36	U J
FP-3	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	78-59-1	isophorone	ug/kg	< 36	U J
FP-3	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 10	
FP-3	10/19/1999	6010	7439-92-1	lead	ug/kg	27400	
FP-3	10/19/1999	6000	7439-92-1	lead	ug/l	< 100	
FP-3	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
FP-3	10/19/1999	6010	7439-97-6	mercury	ug/kg	< 21.7	
FP-3	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 10	
FP-3	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 10	
FP-3	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	340	
FP-3	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 51	
FP-3	10/19/1999	8270	91-20-3	naphthalene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 10	
FP-3	10/19/1999	6010	7440-02-0	nickel	ug/kg	13500	
FP-3	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	< 36	U J
FP-3	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	< 36	U J
FP-3	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	< 36	U J
FP-3	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 10	
FP-3	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 10	
FP-3	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	< 180	U J
FP-3	10/19/1999	9040	12408-02-5	pH		8.29	
FP-3	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	< 36	U J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-3	10/19/1999	8270	108-95-2	phenol	ug/kg	< 36	U J
FP-3	10/19/1999	8260	106-42-3	p-xylene	ug/kg	< 10	
FP-3	10/19/1999	8270	129-00-0	pyrene	ug/kg	< 36	U J
FP-3	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 10	
FP-3	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
FP-3	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 413	
FP-3	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
FP-3	10/19/1999	6010	7440-22-4	silver	ug/kg	< 277	
FP-3	10/19/1999	8260	100-42-5	styrene	ug/kg	< 10	
FP-3	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 10	
FP-3	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 10	
FP-3	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5530	U J
FP-3	10/19/1999	8260	108-88-3	toluene	ug/kg	< 21	
FP-3	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 10	
FP-3	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 10	
FP-3	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 21	
FP-3	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 10	
FP-3	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 10	
FP-3	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 10	
FP-3	10/19/1999	6010	7440-66-6	zinc	ug/kg	154000	
FP-4	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 30	U J
FP-4	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 35	
FP-4	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 50	U J
FP-4	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	95-50-1	1,2-dichlorobenzene	ug/kg	< 35	
FP-4	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	541-73-1	1,3-dichlorobenzene	ug/kg	< 35	
FP-4	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	106-46-7	1,4-dichlorobenzene	ug/kg	< 35	
FP-4	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	< 180	U J
FP-4	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	< 35	
FP-4	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	< 35	
FP-4	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 50	U J
FP-4	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 10	U J
FP-4	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	< 35	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-4	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	< 35	U J
FP-4	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 50	U J
FP-4	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	< 35	
FP-4	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 50	U J
FP-4	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	< 71	
FP-4	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	< 35	
FP-4	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 50	U J
FP-4	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	< 180	
FP-4	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	< 180	U J
FP-4	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	< 35	
FP-4	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	< 71	U J
FP-4	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	< 71	
FP-4	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	< 35	
FP-4	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 50	U J
FP-4	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	< 180	
FP-4	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	< 35	U J
FP-4	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	< 35	
FP-4	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	< 35	
FP-4	10/19/1999	8260	67-64-1	acetone	ug/kg	< 50	U J
FP-4	10/19/1999	8270	98-86-2	acetophenone	ug/kg	< 180	
FP-4	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 210	U J
FP-4	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 50	U J
FP-4	10/19/1999	8270	62-53-3	aniline	ug/kg	< 180	
FP-4	10/19/1999	8270	120-12-7	anthracene	ug/kg	< 35	
FP-4	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1620	
FP-4	10/19/1999	8080	12674-11-2	aroclor 1016	mg/kg	< 0.0177	
FP-4	10/19/1999	8080	11104-28-2	aroclor 1221	mg/kg	< 0.0177	
FP-4	10/19/1999	8080	11141-16-5	aroclor 1232	mg/kg	< 0.0177	
FP-4	10/19/1999	8080	53469-21-9	aroclor 1242	mg/kg	< 0.0177	
FP-4	10/19/1999	8080	12672-29-6	aroclor 1248	mg/kg	< 0.0177	
FP-4	10/19/1999	8080	11097-69-1	aroclor 1254	mg/kg	0.0886	
FP-4	10/19/1999	8080	11096-82-5	aroclor 1260	mg/kg	< 0.0177	
FP-4	10/19/1999	6010	7440-38-2	arsenic	mg/kg	4.26	
FP-4	10/19/1999	8270	103-33-3	azobenzene	ug/kg	< 35	
FP-4	10/19/1999	6000	7440-39-3	barium	ug/l	507	
FP-4	10/19/1999	6010	7440-39-3	barium	ug/kg	76700	
FP-4	10/19/1999	8260	71-43-2	benzene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	92-87-5	benzidine	ug/kg	< 35	
FP-4	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	< 71	
FP-4	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	< 35	
FP-4	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	< 35	
FP-4	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	< 35	
FP-4	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	< 35	
FP-4	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	< 180	U J
FP-4	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	< 71	
FP-4	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	< 35	
FP-4	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	< 35	
FP-4	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	< 35	
FP-4	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	< 180	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-4	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 10	U J
FP-4	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 10	U J
FP-4	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	250	
FP-4	10/19/1999	6000	7440-43-9	cadmium	ug/l	11.2	
FP-4	10/19/1999	6010	7440-43-9	cadmium	ug/kg	611	
FP-4	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 10	U J
FP-4	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 10	U J
FP-4	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	67-66-3	chloroform	ug/kg	< 10	U J
FP-4	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 10	U J
FP-4	10/19/1999	6000	7440-47-3	chromium	ug/l	11.8	
FP-4	10/19/1999	6010	7440-47-3	chromium	ug/kg	15500	
FP-4	10/19/1999	8270	218-01-9	chrysene	ug/kg	< 35	
FP-4	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 10	U J
FP-4	10/19/1999	6010	7440-50-8	copper	ug/kg	58400	
FP-4	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	< 35	
FP-4	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	< 180	
FP-4	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 50	U J
FP-4	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	< 35	
FP-4	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	< 35	
FP-4	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	< 35	
FP-4	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	< 35	
FP-4	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	92.45	
FP-4	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	16	J
FP-4	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	< 35	
FP-4	10/19/1999	8270	86-73-7	fluorene	ug/kg	< 35	
FP-4	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	< 35	
FP-4	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	87-68-3	hexachlorobutadiene	ug/kg	< 35	
FP-4	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	< 35	
FP-4	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	< 35	
FP-4	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	< 35	
FP-4	10/19/1999	8270	78-59-1	isophorone	ug/kg	< 35	
FP-4	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 10	U J
FP-4	10/19/1999	6010	7439-92-1	lead	ug/kg	30100	
FP-4	10/19/1999	6000	7439-92-1	lead	ug/l	< 100	
FP-4	10/19/1999	6010	7439-97-6	mercury	ug/kg	34.7	
FP-4	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
FP-4	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	< 50	U J
FP-4	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 50	U J
FP-4	10/19/1999	8270	91-20-3	naphthalene	ug/kg	< 35	
FP-4	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 10	U J
FP-4	10/19/1999	6010	7440-02-0	nickel	ug/kg	14600	
FP-4	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	< 35	
FP-4	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	< 35	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-4	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	< 35	
FP-4	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 10	U J
FP-4	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	< 180	U J
FP-4	10/19/1999	9040	12408-02-5	pH		9.02	
FP-4	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	< 35	
FP-4	10/19/1999	8270	108-95-2	phenol	ug/kg	< 35	U J
FP-4	10/19/1999	8260	106-42-3	p-xylene	ug/kg	12	J
FP-4	10/19/1999	8270	129-00-0	pyrene	ug/kg	< 35	
FP-4	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 10	U J
FP-4	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
FP-4	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 406	
FP-4	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
FP-4	10/19/1999	6010	7440-22-4	silver	ug/kg	< 270	
FP-4	10/19/1999	8260	100-42-5	styrene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 10	U J
FP-4	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5410	U J
FP-4	10/19/1999	8260	108-88-3	toluene	ug/kg	< 21	U J
FP-4	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 10	U J
FP-4	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 21	U J
FP-4	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 10	U J
FP-4	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 10	U J
FP-4	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 10	U J
FP-4	10/19/1999	6010	7440-66-6	zinc	ug/kg	120000	
FP-5	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 30	
FP-5	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 49	
FP-5	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	95-50-1	1,2-dichlorobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	541-73-1	1,3-dichlorobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	106-46-7	1,4-dichlorobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	< 36	U J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-5	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	< 180	U J
FP-5	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 49	
FP-5	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 9.9	
FP-5	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	< 36	U J
FP-5	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 49	
FP-5	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 49	
FP-5	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	< 73	U J
FP-5	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	< 36	U J
FP-5	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 49	
FP-5	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	< 180	U J
FP-5	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	< 180	U J
FP-5	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	< 36	U J
FP-5	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	< 73	U J
FP-5	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	< 73	U J
FP-5	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	< 36	U J
FP-5	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 49	
FP-5	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	< 180	U J
FP-5	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	< 36	U J
FP-5	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	67-64-1	acetone	ug/kg	< 49	
FP-5	10/19/1999	8270	98-86-2	acetophenone	ug/kg	< 180	U J
FP-5	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 200	
FP-5	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 49	
FP-5	10/19/1999	8270	62-53-3	aniline	ug/kg	< 180	U J
FP-5	10/19/1999	8270	120-12-7	anthracene	ug/kg	< 36	U J
FP-5	10/19/1999	6010	7440-36-0	antimony	ug/kg	4800	
FP-5	10/19/1999	8080	12674-11-2	aroclor 1016	mg/kg	< 0.0185	
FP-5	10/19/1999	8080	11104-28-2	aroclor 1221	mg/kg	< 0.0185	
FP-5	10/19/1999	8080	11141-16-5	aroclor 1232	mg/kg	< 0.0185	
FP-5	10/19/1999	8080	53469-21-9	aroclor 1242	mg/kg	< 0.0185	
FP-5	10/19/1999	8080	12672-29-6	aroclor 1248	mg/kg	< 0.0185	
FP-5	10/19/1999	8080	11097-69-1	aroclor 1254	mg/kg	3.02	
FP-5	10/19/1999	8080	11096-82-5	aroclor 1260	mg/kg	1.94	
FP-5	10/19/1999	6010	7440-38-2	arsenic	mg/kg	9.83	
FP-5	10/19/1999	8270	103-33-3	azobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	6000	7440-39-3	barium	ug/l	2110	
FP-5	10/19/1999	6010	7440-39-3	barium	ug/kg	249000	
FP-5	10/19/1999	8260	71-43-2	benzene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	92-87-5	benzidine	ug/kg	< 36	U J
FP-5	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	< 73	U J
FP-5	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	73	J
FP-5	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	170	J
FP-5	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	68	J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-5	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	160	J
FP-5	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	< 180	U J
FP-5	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	< 73	U J
FP-5	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	< 36	U J
FP-5	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	< 36	U J
FP-5	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	< 36	U J
FP-5	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	1600	J
FP-5	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 9.9	
FP-5	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 9.9	
FP-5	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	4400	J
FP-5	10/19/1999	6000	7440-43-9	cadmium	ug/l	116	
FP-5	10/19/1999	6010	7440-43-9	cadmium	ug/kg	5670	
FP-5	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 9.9	
FP-5	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 9.9	
FP-5	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	67-66-3	chloroform	ug/kg	< 9.9	
FP-5	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 9.9	
FP-5	10/19/1999	6000	7440-47-3	chromium	ug/l	52.3	
FP-5	10/19/1999	6010	7440-47-3	chromium	ug/kg	60400	
FP-5	10/19/1999	8270	218-01-9	chrysene	ug/kg	130	J
FP-5	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 9.9	
FP-5	10/19/1999	6010	7440-50-8	copper	ug/kg	248000	
FP-5	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	< 180	U J
FP-5	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 49	
FP-5	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	< 36	U J
FP-5	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	< 36	U J
FP-5	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	640	J
FP-5	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	< 36	U J
FP-5	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	90.01	
FP-5	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	110	J
FP-5	10/19/1999	8270	86-73-7	fluorene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	87-68-3	hexachlorobutadiene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	< 36	U J
FP-5	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	130	J
FP-5	10/19/1999	8270	78-59-1	isophorone	ug/kg	< 36	U J
FP-5	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 9.9	
FP-5	10/19/1999	6000	7439-92-1	lead	ug/l	2600	
FP-5	10/19/1999	6010	7439-92-1	lead	ug/kg	358000	
FP-5	10/19/1999	6010	7439-97-6	mercury	ug/kg	369	
FP-5	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
FP-5	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 9.9	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-5	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	1100	
FP-5	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 49	
FP-5	10/19/1999	8270	91-20-3	naphthalene	ug/kg	< 36	U J
FP-5	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	6010	7440-02-0	nickel	ug/kg	46800	
FP-5	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	< 36	U J
FP-5	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	< 36	U J
FP-5	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	< 36	U J
FP-5	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	< 180	U J
FP-5	10/19/1999	9040	12408-02-5	pH		8.81	
FP-5	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	56	J
FP-5	10/19/1999	8270	108-95-2	phenol	ug/kg	< 36	U J
FP-5	10/19/1999	8260	106-42-3	p-xylene	ug/kg	< 9.9	
FP-5	10/19/1999	8270	129-00-0	pyrene	ug/kg	160	J
FP-5	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 9.9	
FP-5	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
FP-5	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 415	
FP-5	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
FP-5	10/19/1999	6010	7440-22-4	silver	ug/kg	< 278	
FP-5	10/19/1999	8260	100-42-5	styrene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 9.9	
FP-5	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5550	U J
FP-5	10/19/1999	8260	108-88-3	toluene	ug/kg	< 20	
FP-5	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 9.9	
FP-5	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 20	
FP-5	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 9.9	
FP-5	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 9.9	
FP-5	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 9.9	
FP-5	10/19/1999	6010	7440-66-6	zinc	ug/kg	876000	
FP-6	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 27	
FP-6	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 36	
FP-6	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 46	
FP-6	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	95-50-1	1,2-dichlorobenzene	ug/kg	< 36	
FP-6	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 9.0	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-6	10/19/1999	8270	541-73-1	1,3-dichlorobenzene	ug/kg	< 36	
FP-6	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	106-46-7	1,4-dichlorobenzene	ug/kg	< 36	
FP-6	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	< 180	U J
FP-6	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	< 36	
FP-6	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	< 36	
FP-6	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 46	
FP-6	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 9.0	
FP-6	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	< 36	
FP-6	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	< 36	U J
FP-6	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 46	
FP-6	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	< 36	
FP-6	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 46	
FP-6	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	< 71	
FP-6	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	< 36	
FP-6	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 46	
FP-6	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	< 180	
FP-6	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	< 180	U J
FP-6	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	< 36	
FP-6	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	< 71	U J
FP-6	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	< 71	
FP-6	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	< 36	
FP-6	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 46	
FP-6	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	< 180	
FP-6	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	< 36	U J
FP-6	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	< 36	
FP-6	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	< 36	
FP-6	10/19/1999	8260	67-64-1	acetone	ug/kg	< 46	
FP-6	10/19/1999	8270	98-86-2	acetophenone	ug/kg	< 180	
FP-6	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 180	
FP-6	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 46	
FP-6	10/19/1999	8270	62-53-3	aniline	ug/kg	< 180	
FP-6	10/19/1999	8270	120-12-7	anthracene	ug/kg	< 36	
FP-6	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1600	
FP-6	10/19/1999	8080	12674-11-2	aroclor 1016	mg/kg	< 0.018	
FP-6	10/19/1999	8080	11104-28-2	aroclor 1221	mg/kg	< 0.065	
FP-6	10/19/1999	8080	11141-16-5	aroclor 1232	mg/kg	< 0.018	
FP-6	10/19/1999	8080	53469-21-9	aroclor 1242	mg/kg	< 0.018	
FP-6	10/19/1999	8080	12672-29-6	aroclor 1248	mg/kg	< 0.018	
FP-6	10/19/1999	8080	11097-69-1	aroclor 1254	mg/kg	2.05	
FP-6	10/19/1999	8080	11096-82-5	aroclor 1260	mg/kg	< 0.018	
FP-6	10/19/1999	6010	7440-38-2	arsenic	mg/kg	3.60	
FP-6	10/19/1999	8270	103-33-3	azobenzene	ug/kg	< 36	
FP-6	10/19/1999	6000	7440-39-3	barium	ug/l	371	

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SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
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Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-6	10/19/1999	6010	7440-39-3	barium	ug/kg	65500	
FP-6	10/19/1999	8260	71-43-2	benzene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	92-87-5	benzidine	ug/kg	< 36	
FP-6	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	< 71	
FP-6	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	< 36	
FP-6	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	< 36	
FP-6	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	< 36	
FP-6	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	< 36	
FP-6	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	< 180	U J
FP-6	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	< 71	
FP-6	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	< 36	
FP-6	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	< 36	
FP-6	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	< 36	
FP-6	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	< 180	
FP-6	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 9.0	
FP-6	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 9.0	
FP-6	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	< 36	
FP-6	10/19/1999	6010	7440-43-9	cadmium	ug/kg	278	
FP-6	10/19/1999	6000	7440-43-9	cadmium	ug/l	< 5.00	
FP-6	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 9.0	
FP-6	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 9.0	
FP-6	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	67-66-3	chloroform	ug/kg	< 9.0	
FP-6	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 9.0	
FP-6	10/19/1999	6000	7440-47-3	chromium	ug/l	57.4	
FP-6	10/19/1999	6010	7440-47-3	chromium	ug/kg	12900	
FP-6	10/19/1999	8270	218-01-9	chrysene	ug/kg	< 36	
FP-6	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 9.0	
FP-6	10/19/1999	6010	7440-50-8	copper	ug/kg	15300	
FP-6	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	< 36	
FP-6	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	< 180	
FP-6	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 46	
FP-6	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	< 36	
FP-6	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	< 36	
FP-6	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	< 36	
FP-6	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	50	
FP-6	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	92.18	
FP-6	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	< 36	
FP-6	10/19/1999	8270	86-73-7	fluorene	ug/kg	< 36	
FP-6	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	< 36	
FP-6	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	87-68-3	hexachlorobutadiene	ug/kg	< 36	
FP-6	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	< 36	
FP-6	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	< 36	
FP-6	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	< 36	
FP-6	10/19/1999	8270	78-59-1	isophorone	ug/kg	< 36	

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SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
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Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
FP-6	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 9.0	
FP-6	10/19/1999	6010	7439-92-1	lead	ug/kg	4890	
FP-6	10/19/1999	6000	7439-92-1	lead	ug/l	< 100	
FP-6	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
FP-6	10/19/1999	6010	7439-97-6	mercury	ug/kg	< 21.7	
FP-6	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	73	
FP-6	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 46	
FP-6	10/19/1999	8270	91-20-3	naphthalene	ug/kg	< 36	
FP-6	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	6010	7440-02-0	nickel	ug/kg	13600	
FP-6	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	< 36	
FP-6	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	< 36	
FP-6	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	< 36	
FP-6	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	< 180	U J
FP-6	10/19/1999	9040	12408-02-5	pH		7.49	
FP-6	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	< 36	
FP-6	10/19/1999	8270	108-95-2	phenol	ug/kg	< 36	U J
FP-6	10/19/1999	8260	106-42-3	p-xylene	ug/kg	< 9.0	
FP-6	10/19/1999	8270	129-00-0	pyrene	ug/kg	< 36	
FP-6	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 9.0	
FP-6	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
FP-6	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 401	
FP-6	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
FP-6	10/19/1999	6010	7440-22-4	silver	ug/kg	< 267	
FP-6	10/19/1999	8260	100-42-5	styrene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 9.0	
FP-6	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5340	U J
FP-6	10/19/1999	8260	108-88-3	toluene	ug/kg	< 18	
FP-6	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 9.0	
FP-6	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 18	
FP-6	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 9.0	
FP-6	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 9.0	
FP-6	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 9.0	
FP-6	10/19/1999	6010	7440-66-6	zinc	ug/kg	28500	
LP-1	10/18/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	79-34-5	1,1,2,2;-tetrachloroethane	ug/kg	< 24	
LP-1	10/18/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 40	
LP-1	10/18/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.1	

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SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
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Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-1	10/18/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	78-93-3	2-butanone	ug/kg	< 40	
LP-1	10/18/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.1	
LP-1	10/18/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	591-78-6	2-hexanone	ug/kg	< 40	
LP-1	10/18/1999	8260	107-83-5	2-methylpentane	ug/kg	< 40	
LP-1	10/18/1999	8260	96-14-0	3-methylpentane	ug/kg	< 40	
LP-1	10/18/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 40	
LP-1	10/18/1999	8260	67-64-1	acetone	ug/kg	< 40	
LP-1	10/18/1999	8260	107-02-8	acrolein	ug/kg	< 160	
LP-1	10/18/1999	8260	107-13-1	acrylonitrile	ug/kg	< 40	
LP-1	10/18/1999	6010	7440-36-0	antimony	ug/kg	< 1660	
LP-1	10/18/1999	6000	7440-38-2	arsenic	ug/l	0.816	
LP-1	10/18/1999	6010	7440-38-2	arsenic	mg/kg	2.91	
LP-1	10/18/1999	6000	7440-39-3	barium	ug/l	270	
LP-1	10/18/1999	6010	7440-39-3	barium	ug/kg	67600	
LP-1	10/18/1999	8260	71-43-2	benzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-25-2	bromoform	ug/kg	< 8.1	
LP-1	10/18/1999	8260	74-83-9	bromomethane	ug/kg	< 8.1	
LP-1	10/18/1999	6010	7440-43-9	cadmium	ug/kg	466	
LP-1	10/18/1999	6000	7440-43-9	cadmium	ug/l	< 5.00	
LP-1	10/18/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.1	
LP-1	10/18/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.1	
LP-1	10/18/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-00-3	chloroethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	67-66-3	chloroform	ug/kg	< 8.1	
LP-1	10/18/1999	8260	74-87-3	chloromethane	ug/kg	< 8.1	
LP-1	10/18/1999	6000	7440-47-3	chromium	ug/l	21.2	
LP-1	10/18/1999	6010	7440-47-3	chromium	ug/kg	17800	
LP-1	10/18/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.1	
LP-1	10/18/1999	6010	7440-50-8	copper	ug/kg	20100	
LP-1	10/18/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	60-29-7	diethyl ether	ug/kg	< 40	
LP-1	10/18/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.1	
LP-1	10/18/1999	6010	7439-92-1	lead	ug/kg	15100	
LP-1	10/18/1999	6000	7439-92-1	lead	ug/l	< 100	
LP-1	10/18/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
LP-1	10/18/1999	6010	7439-97-6	mercury	ug/kg	< 22.2	
LP-1	10/18/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.1	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
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Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-1	10/18/1999	8260	75-09-2	methylene chloride	ug/kg	180	
LP-1	10/18/1999	8260	91-20-3	naphthalene	ug/kg	< 40	
LP-1	10/18/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	6010	7440-02-0	nickel	ug/kg	19900	
LP-1	10/18/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	95-47-6	o-xylene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	99-87-6	p-cymene	ug/kg	< 8.1	
LP-1	10/18/1999	9040	12408-02-5	pH		8.71	
LP-1	10/18/1999	8260	106-42-3	p-xylene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.1	
LP-1	10/18/1999	6000	7782-49-2	selenium	ug/l	< 300	
LP-1	10/18/1999	6010	7782-49-2	selenium	ug/kg	< 422	U J
LP-1	10/18/1999	6000	7440-22-4	silver	ug/l	28.7	J
LP-1	10/18/1999	6010	7440-22-4	silver	ug/kg	< 276	U J
LP-1	10/18/1999	8260	100-42-5	styrene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.1	
LP-1	10/18/1999	6010	7440-28-0	thallium	ug/kg	< 5520	
LP-1	10/18/1999	8260	108-88-3	toluene	ug/kg	< 16	
LP-1	10/18/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.1	
LP-1	10/18/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 16	
LP-1	10/18/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.1	
LP-1	10/18/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.1	
LP-1	10/18/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.1	
LP-1	10/18/1999	6010	7440-66-6	zinc	ug/kg	50500	
LP-2	10/18/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 26	
LP-2	10/18/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 43	
LP-2	10/18/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	78-93-3	2-butanone	ug/kg	< 43	
LP-2	10/18/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.6	
LP-2	10/18/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	591-78-6	2-hexanone	ug/kg	< 43	
LP-2	10/18/1999	8260	107-83-5	2-methylpentane	ug/kg	< 43	
LP-2	10/18/1999	8260	96-14-0	3-methylpentane	ug/kg	< 43	
LP-2	10/18/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 43	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-2	10/18/1999	8260	67-64-1	acetone	ug/kg	< 43	
LP-2	10/18/1999	8260	107-02-8	acrolein	ug/kg	< 170	
LP-2	10/18/1999	8260	107-13-1	acrylonitrile	ug/kg	< 43	
LP-2	10/18/1999	6010	7440-36-0	antimony	ug/kg	< 1650	
LP-2	10/18/1999	6000	7440-38-2	arsenic	ug/l	1.11	
LP-2	10/18/1999	6010	7440-38-2	arsenic	mg/kg	3.33	
LP-2	10/18/1999	6000	7440-39-3	barium	ug/l	368	
LP-2	10/18/1999	6010	7440-39-3	barium	ug/kg	79300	
LP-2	10/18/1999	8260	71-43-2	benzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-25-2	bromoform	ug/kg	< 8.6	
LP-2	10/18/1999	8260	74-83-9	bromomethane	ug/kg	< 8.6	
LP-2	10/18/1999	6000	7440-43-9	cadmium	ug/l	7.00	
LP-2	10/18/1999	6010	7440-43-9	cadmium	ug/kg	666	
LP-2	10/18/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.6	
LP-2	10/18/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.6	
LP-2	10/18/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-00-3	chloroethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	67-66-3	chloroform	ug/kg	< 8.6	
LP-2	10/18/1999	8260	74-87-3	chloromethane	ug/kg	< 8.6	
LP-2	10/18/1999	6000	7440-47-3	chromium	ug/l	12.3	
LP-2	10/18/1999	6010	7440-47-3	chromium	ug/kg	21600	
LP-2	10/18/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.6	
LP-2	10/18/1999	6010	7440-50-8	copper	ug/kg	23800	
LP-2	10/18/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	60-29-7	diethyl ether	ug/kg	< 43	
LP-2	10/18/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.6	
LP-2	10/18/1999	6010	7439-92-1	lead	ug/kg	20300	
LP-2	10/18/1999	6000	7439-92-1	lead	ug/l	< 100	
LP-2	10/18/1999	6010	7439-97-6	mercury	ug/kg	42.5	
LP-2	10/18/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
LP-2	10/18/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-09-2	methylene chloride	ug/kg	360	
LP-2	10/18/1999	8260	91-20-3	naphthalene	ug/kg	< 43	
LP-2	10/18/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	6010	7440-02-0	nickel	ug/kg	20300	
LP-2	10/18/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	95-47-6	o-xylene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	99-87-6	p-cymene	ug/kg	< 8.6	
LP-2	10/18/1999	9040	12408-02-5	pH		8.12	
LP-2	10/18/1999	8260	106-42-3	p-xylene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.6	
LP-2	10/18/1999	6000	7782-49-2	selenium	ug/l	< 300	
LP-2	10/18/1999	6010	7782-49-2	selenium	ug/kg	< 419	U J
LP-2	10/18/1999	6000	7440-22-4	silver	ug/l	< 10.0	U J
LP-2	10/18/1999	6010	7440-22-4	silver	ug/kg	< 275	U J

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-2	10/18/1999	8260	100-42-5	styrene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.6	
LP-2	10/18/1999	6010	7440-28-0	thallium	ug/kg	< 5500	
LP-2	10/18/1999	8260	108-88-3	toluene	ug/kg	< 17	
LP-2	10/18/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.6	
LP-2	10/18/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 17	
LP-2	10/18/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.6	
LP-2	10/18/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.6	
LP-2	10/18/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.6	
LP-2	10/18/1999	6010	7440-66-6	zinc	ug/kg	71400	
LP-3	10/18/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 27	
LP-3	10/18/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 44	
LP-3	10/18/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	78-93-3	2-butanone	ug/kg	< 44	
LP-3	10/18/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.9	
LP-3	10/18/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	591-78-6	2-hexanone	ug/kg	< 44	
LP-3	10/18/1999	8260	107-83-5	2-methylpentane	ug/kg	< 44	
LP-3	10/18/1999	8260	96-14-0	3-methylpentane	ug/kg	< 44	
LP-3	10/18/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 44	
LP-3	10/18/1999	8260	67-64-1	acetone	ug/kg	< 44	
LP-3	10/18/1999	8260	107-02-8	acrolein	ug/kg	< 180	
LP-3	10/18/1999	8260	107-13-1	acrylonitrile	ug/kg	< 44	
LP-3	10/18/1999	6010	7440-36-0	antimony	ug/kg	7240	
LP-3	10/18/1999	6000	7440-38-2	arsenic	ug/l	3.33	
LP-3	10/18/1999	6010	7440-38-2	arsenic	mg/kg	5.77	
LP-3	10/18/1999	6000	7440-39-3	barium	ug/l	1300	
LP-3	10/18/1999	6010	7440-39-3	barium	ug/kg	216000	
LP-3	10/18/1999	8260	71-43-2	benzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-25-2	bromoform	ug/kg	< 8.9	
LP-3	10/18/1999	8260	74-83-9	bromomethane	ug/kg	< 8.9	
LP-3	10/18/1999	6000	7440-43-9	cadmium	ug/l	88.5	
LP-3	10/18/1999	6010	7440-43-9	cadmium	ug/kg	4980	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-3	10/18/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.9	
LP-3	10/18/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.9	
LP-3	10/18/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-00-3	chloroethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	67-66-3	chloroform	ug/kg	< 8.9	
LP-3	10/18/1999	8260	74-87-3	chloromethane	ug/kg	< 8.9	
LP-3	10/18/1999	6000	7440-47-3	chromium	ug/l	28.0	
LP-3	10/18/1999	6010	7440-47-3	chromium	ug/kg	51600	
LP-3	10/18/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.9	
LP-3	10/18/1999	6010	7440-50-8	copper	ug/kg	136000	
LP-3	10/18/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	60-29-7	diethyl ether	ug/kg	< 44	
LP-3	10/18/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.9	
LP-3	10/18/1999	6000	7439-92-1	lead	ug/l	682	
LP-3	10/18/1999	6010	7439-92-1	lead	ug/kg	259000	
LP-3	10/18/1999	6010	7439-97-6	mercury	ug/kg	270	
LP-3	10/18/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
LP-3	10/18/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-09-2	methylene chloride	ug/kg	320	
LP-3	10/18/1999	8260	91-20-3	naphthalene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	6010	7440-02-0	nickel	ug/kg	42000	
LP-3	10/18/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	95-47-6	o-xylene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	99-87-6	p-cymene	ug/kg	< 8.9	
LP-3	10/18/1999	9040	12408-02-5	pH		8.93	
LP-3	10/18/1999	8260	106-42-3	p-xylene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.9	
LP-3	10/18/1999	6000	7782-49-2	selenium	ug/l	351	
LP-3	10/18/1999	6010	7782-49-2	selenium	ug/kg	< 135	U J
LP-3	10/18/1999	6000	7440-22-4	silver	ug/l	< 10.0	U J
LP-3	10/18/1999	6010	7440-22-4	silver	ug/kg	< 276	U J
LP-3	10/18/1999	8260	100-42-5	styrene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.9	
LP-3	10/18/1999	6010	7440-28-0	thallium	ug/kg	< 5510	
LP-3	10/18/1999	8260	108-88-3	toluene	ug/kg	< 18	
LP-3	10/18/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.9	
LP-3	10/18/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 18	
LP-3	10/18/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.9	
LP-3	10/18/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.9	
LP-3	10/18/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.9	
LP-3	10/18/1999	6010	7440-66-6	zinc	ug/kg	914000	
LP-4	10/18/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 26	
LP-4	10/18/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.6	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-4	10/18/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 43	
LP-4	10/18/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	78-93-3	2-butanone	ug/kg	< 43	
LP-4	10/18/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.6	
LP-4	10/18/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	591-78-6	2-hexanone	ug/kg	< 43	
LP-4	10/18/1999	8260	107-83-5	2-methylpentane	ug/kg	< 43	
LP-4	10/18/1999	8260	96-14-0	3-methylpentane	ug/kg	< 43	
LP-4	10/18/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 43	
LP-4	10/18/1999	8260	67-64-1	acetone	ug/kg	< 43	
LP-4	10/18/1999	8260	107-02-8	acrolein	ug/kg	< 170	
LP-4	10/18/1999	8260	107-13-1	acrylonitrile	ug/kg	< 43	
LP-4	10/18/1999	6010	7440-36-0	antimony	ug/kg	5710	
LP-4	10/18/1999	6000	7440-38-2	arsenic	ug/l	5.80	
LP-4	10/18/1999	6010	7440-38-2	arsenic	mg/kg	4.68	
LP-4	10/18/1999	6000	7440-39-3	barium	ug/l	312	
LP-4	10/18/1999	6010	7440-39-3	barium	ug/kg	43500	
LP-4	10/18/1999	8260	71-43-2	benzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-25-2	bromoform	ug/kg	< 8.6	
LP-4	10/18/1999	8260	74-83-9	bromomethane	ug/kg	< 8.6	
LP-4	10/18/1999	6000	7440-43-9	cadmium	ug/l	5.50	
LP-4	10/18/1999	6010	7440-43-9	cadmium	ug/kg	1980	
LP-4	10/18/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.6	
LP-4	10/18/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.6	
LP-4	10/18/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-00-3	chloroethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	67-66-3	chloroform	ug/kg	< 8.6	
LP-4	10/18/1999	8260	74-87-3	chloromethane	ug/kg	< 8.6	
LP-4	10/18/1999	6000	7440-47-3	chromium	ug/l	25.0	
LP-4	10/18/1999	6010	7440-47-3	chromium	ug/kg	13300	
LP-4	10/18/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.6	
LP-4	10/18/1999	6010	7440-50-8	copper	ug/kg	33100	
LP-4	10/18/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	60-29-7	diethyl ether	ug/kg	< 43	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-4	10/18/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.6	
LP-4	10/18/1999	6000	7439-92-1	lead	ug/l	182	
LP-4	10/18/1999	6010	7439-92-1	lead	ug/kg	155000	
LP-4	10/18/1999	6010	7439-97-6	mercury	ug/kg	52.1	
LP-4	10/18/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
LP-4	10/18/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-09-2	methylene chloride	ug/kg	230	
LP-4	10/18/1999	8260	91-20-3	naphthalene	ug/kg	< 43	
LP-4	10/18/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	6010	7440-02-0	nickel	ug/kg	14900	
LP-4	10/18/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	95-47-6	o-xylene	ug/kg	11	
LP-4	10/18/1999	8260	99-87-6	p-cymene	ug/kg	< 8.6	
LP-4	10/18/1999	9040	12408-02-5	pH		9.35	
LP-4	10/18/1999	8260	106-42-3	p-xylene	ug/kg	26	
LP-4	10/18/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.6	
LP-4	10/18/1999	6000	7782-49-2	selenium	ug/l	< 300	
LP-4	10/18/1999	6010	7782-49-2	selenium	ug/kg	< 410	U J
LP-4	10/18/1999	6000	7440-22-4	silver	ug/l	< 10.0	U J
LP-4	10/18/1999	6010	7440-22-4	silver	ug/kg	< 268	U J
LP-4	10/18/1999	8260	100-42-5	styrene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.6	
LP-4	10/18/1999	6010	7440-28-0	thallium	ug/kg	< 5360	
LP-4	10/18/1999	8260	108-88-3	toluene	ug/kg	< 17	
LP-4	10/18/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.6	
LP-4	10/18/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 17	
LP-4	10/18/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.6	
LP-4	10/18/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.6	
LP-4	10/18/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.6	
LP-4	10/18/1999	6010	7440-66-6	zinc	ug/kg	190000	
LP-5	10/18/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 26	
LP-5	10/18/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 43	
LP-5	10/18/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.6	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-5	10/18/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	78-93-3	2-butanone	ug/kg	< 43	
LP-5	10/18/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.6	
LP-5	10/18/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	591-78-6	2-hexanone	ug/kg	< 43	
LP-5	10/18/1999	8260	107-83-5	2-methylpentane	ug/kg	< 43	
LP-5	10/18/1999	8260	96-14-0	3-methylpentane	ug/kg	< 43	
LP-5	10/18/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 43	
LP-5	10/18/1999	8260	67-64-1	acetone	ug/kg	< 43	
LP-5	10/18/1999	8260	107-02-8	acrolein	ug/kg	< 170	
LP-5	10/18/1999	8260	107-13-1	acrylonitrile	ug/kg	< 43	
LP-5	10/18/1999	6010	7440-36-0	antimony	ug/kg	2100	
LP-5	10/18/1999	6000	7440-38-2	arsenic	ug/l	0.471	
LP-5	10/18/1999	6010	7440-38-2	arsenic	mg/kg	2.97	
LP-5	10/18/1999	6000	7440-39-3	barium	ug/l	465	
LP-5	10/18/1999	6010	7440-39-3	barium	ug/kg	72500	
LP-5	10/18/1999	8260	71-43-2	benzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-25-2	bromoform	ug/kg	< 8.6	
LP-5	10/18/1999	8260	74-83-9	bromomethane	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7440-43-9	cadmium	ug/kg	427	
LP-5	10/18/1999	6000	7440-43-9	cadmium	ug/l	< 5.00	
LP-5	10/18/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.6	
LP-5	10/18/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.6	
LP-5	10/18/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-00-3	chloroethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	67-66-3	chloroform	ug/kg	< 8.6	
LP-5	10/18/1999	8260	74-87-3	chloromethane	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7440-47-3	chromium	ug/kg	18900	
LP-5	10/18/1999	6000	7440-47-3	chromium	ug/l	< 10.0	
LP-5	10/18/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7440-50-8	copper	ug/kg	21700	
LP-5	10/18/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	60-29-7	diethyl ether	ug/kg	< 43	
LP-5	10/18/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7439-92-1	lead	ug/kg	5840	
LP-5	10/18/1999	6000	7439-92-1	lead	ug/l	< 100	
LP-5	10/18/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
LP-5	10/18/1999	6010	7439-97-6	mercury	ug/kg	< 22.2	
LP-5	10/18/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-09-2	methylene chloride	ug/kg	81 < 43	U
LP-5	10/18/1999	8260	91-20-3	naphthalene	ug/kg	< 43	
LP-5	10/18/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7440-02-0	nickel	ug/kg	16100	
LP-5	10/18/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	95-47-6	o-xylene	ug/kg	< 8.6	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-5	10/18/1999	8260	99-87-6	p-cymene	ug/kg	< 8.6	
LP-5	10/18/1999	9040	12408-02-5	pH		7.37	
LP-5	10/18/1999	8260	106-42-3	p-xylene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.6	
LP-5	10/18/1999	6000	7782-49-2	selenium	ug/l	< 300	
LP-5	10/18/1999	6010	7782-49-2	selenium	ug/kg	< 423	U J
LP-5	10/18/1999	6000	7440-22-4	silver	ug/l	< 10.0	U J
LP-5	10/18/1999	6010	7440-22-4	silver	ug/kg	< 275	U J
LP-5	10/18/1999	8260	100-42-5	styrene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7440-28-0	thallium	ug/kg	< 5510	
LP-5	10/18/1999	8260	108-88-3	toluene	ug/kg	< 17	
LP-5	10/18/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.6	
LP-5	10/18/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 17	
LP-5	10/18/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.6	
LP-5	10/18/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.6	
LP-5	10/18/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.6	
LP-5	10/18/1999	6010	7440-66-6	zinc	ug/kg	41400	
LP-6	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	< 26	
LP-6	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	< 43	
LP-6	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	78-93-3	2-butanone	ug/kg	< 43	
LP-6	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	< 8.6	
LP-6	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	< 43	
LP-6	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	< 43	
LP-6	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	< 43	
LP-6	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	< 8.6	
LP-6	10/19/1999	8260	67-64-1	acetone	ug/kg	< 43	
LP-6	10/19/1999	8260	107-02-8	acrolein	ug/kg	< 170	
LP-6	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	< 43	
LP-6	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1630	
LP-6	10/19/1999	6010	7440-38-2	arsenic	mg/kg	5.48	
LP-6	10/19/1999	6010	7440-39-3	barium	ug/kg	39100	

TABLE 3-2

SWMU-55 AND UNICO
PROPERTY SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-6	10/19/1999	6000	7440-39-3	barium	ug/l	< 200	
LP-6	10/19/1999	8260	71-43-2	benzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-25-2	bromoform	ug/kg	< 8.6	
LP-6	10/19/1999	8260	74-83-9	bromomethane	ug/kg	< 8.6	
LP-6	10/19/1999	6000	7440-43-9	cadmium	ug/l	18.7	
LP-6	10/19/1999	6010	7440-43-9	cadmium	ug/kg	1160	
LP-6	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	< 8.6	
LP-6	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	< 8.6	
LP-6	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-00-3	chloroethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	67-66-3	chloroform	ug/kg	< 8.6	
LP-6	10/19/1999	8260	74-87-3	chloromethane	ug/kg	< 8.6	
LP-6	10/19/1999	6000	7440-47-3	chromium	ug/l	29.1	
LP-6	10/19/1999	6010	7440-47-3	chromium	ug/kg	10700	
LP-6	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	< 8.6	
LP-6	10/19/1999	6010	7440-50-8	copper	ug/kg	31600	
LP-6	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	< 43	
LP-6	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	92.07	
LP-6	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	< 8.6	
LP-6	10/19/1999	6010	7439-92-1	lead	ug/kg	36500	
LP-6	10/19/1999	6000	7439-92-1	lead	ug/l	< 100	
LP-6	10/19/1999	6010	7439-97-6	mercury	ug/kg	74.5	
LP-6	10/19/1999	6000	7439-97-6	mercury	ug/l	< 0.200	
LP-6	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	360	
LP-6	10/19/1999	8260	91-20-3	naphthalene	ug/kg	< 43	
LP-6	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	6010	7440-02-0	nickel	ug/kg	11400	
LP-6	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	95-47-6	o-xylene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	99-87-6	p-cymene	ug/kg	< 8.6	
LP-6	10/19/1999	9040	12408-02-5	pH		9.04	
LP-6	10/19/1999	8260	106-42-3	p-xylene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	< 8.6	
LP-6	10/19/1999	6000	7782-49-2	selenium	ug/l	< 300	
LP-6	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 407	
LP-6	10/19/1999	6000	7440-22-4	silver	ug/l	< 10.0	
LP-6	10/19/1999	6010	7440-22-4	silver	ug/kg	< 272	
LP-6	10/19/1999	8260	100-42-5	styrene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	< 8.6	
LP-6	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5430	U J
LP-6	10/19/1999	8260	108-88-3	toluene	ug/kg	< 17	
LP-6	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	< 8.6	

TABLE 3-2

SWMU-55 AND UNICO PROPERTY SAMPLE RESULTS

PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
LP-6	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	< 8.6	
LP-6	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	< 17	
LP-6	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	< 8.6	
LP-6	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	< 8.6	
LP-6	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	< 8.6	
LP-6	10/19/1999	6010	7440-66-6	zinc	ug/kg	137000	
UN-1	10/19/1999	6010	7440-36-0	antimony	ug/kg	7950	
UN-1	10/19/1999	6010	7440-38-2	arsenic	mg/kg	5.44	
UN-1	10/19/1999	6010	7440-39-3	barium	ug/kg	68900	
UN-1	10/19/1999	6010	7440-43-9	cadmium	ug/kg	6060	
UN-1	10/19/1999	6010	7440-47-3	chromium	ug/kg	658000	
UN-1	10/19/1999	6010	7440-50-8	copper	ug/kg	113000	
UN-1	10/19/1999	6010	7439-92-1	lead	ug/kg	65900	
UN-1	10/19/1999	6010	7439-97-6	mercury	ug/kg	256	
UN-1	10/19/1999	6010	7440-02-0	nickel	ug/kg	26700	
UN-1	10/19/1999	9040	12408-02-5	pH		9.14	
UN-1	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 399	
UN-1	10/19/1999	6010	7440-22-4	silver	ug/kg	< 266	
UN-1	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5320	U J
UN-1	10/19/1999	6010	7440-66-6	zinc	ug/kg	252000	
UN-2	10/19/1999	6010	7440-36-0	antimony	ug/kg	< 1580	
UN-2	10/19/1999	6010	7440-38-2	arsenic	mg/kg	2.73	
UN-2	10/19/1999	6010	7440-39-3	barium	ug/kg	18400	
UN-2	10/19/1999	6010	7440-43-9	cadmium	ug/kg	218	
UN-2	10/19/1999	6010	7440-47-3	chromium	ug/kg	14600	
UN-2	10/19/1999	6010	7440-50-8	copper	ug/kg	10700	
UN-2	10/19/1999	6010	7439-92-1	lead	ug/kg	4740	
UN-2	10/19/1999	6010	7439-97-6	mercury	ug/kg	< 20.2	
UN-2	10/19/1999	6010	7440-02-0	nickel	ug/kg	13100	
UN-2	10/19/1999	9040	12408-02-5	pH		9.18	
UN-2	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 386	
UN-2	10/19/1999	6010	7440-22-4	silver	ug/kg	< 263	
UN-2	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5250	U J
UN-2	10/19/1999	6010	7440-66-6	zinc	ug/kg	20300	
UN-3	10/19/1999	6010	7440-36-0	antimony	ug/kg	2410	
UN-3	10/19/1999	6010	7440-38-2	arsenic	mg/kg	4.62	
UN-3	10/19/1999	6010	7440-39-3	barium	ug/kg	35600	
UN-3	10/19/1999	6010	7440-43-9	cadmium	ug/kg	1060	
UN-3	10/19/1999	6010	7440-47-3	chromium	ug/kg	168000	
UN-3	10/19/1999	6010	7440-50-8	copper	ug/kg	32600	
UN-3	10/19/1999	6010	7439-92-1	lead	ug/kg	15900	
UN-3	10/19/1999	6010	7439-97-6	mercury	ug/kg	25.3	
UN-3	10/19/1999	6010	7440-02-0	nickel	ug/kg	17000	
UN-3	10/19/1999	9040	12408-02-5	pH		9.46	
UN-3	10/19/1999	6010	7782-49-2	selenium	ug/kg	< 386	
UN-3	10/19/1999	6010	7440-22-4	silver	ug/kg	< 257	
UN-3	10/19/1999	6010	7440-28-0	thallium	ug/kg	< 5150	U J
UN-3	10/19/1999	6010	7440-66-6	zinc	ug/kg	94700	

1. FP = "Fluff Pile" (samples associated with SWMU-55); LP = "Lime Pile" (samples associated with SWMU-55); UN = samples from the Unico Property.
2. U = undetected; J = estimated

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS

PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
53-SS01	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	<24	
53-SS01	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	<41	
53-SS01	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	<170	U J
53-SS01	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	<34	U J
53-SS01	10/19/1999	8260	78-93-3	2-butanone	ug/kg	<41	
53-SS01	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	<8.2	
53-SS01	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	<34	U J
53-SS01	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	<41	
53-SS01	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	<34	U J
53-SS01	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	<41	
53-SS01	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	<67	U J
53-SS01	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	<34	U J
53-SS01	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	<41	
53-SS01	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	<170	U J
53-SS01	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	<170	U J
53-SS01	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	<34	U J
53-SS01	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	<67	U J
53-SS01	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	<67	U J
53-SS01	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	<34	U J
53-SS01	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	<41	
53-SS01	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	<170	U J
53-SS01	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	<34	U J
53-SS01	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	<34	U J
53-SS01	10/19/1999	8260	67-64-1	acetone	ug/kg	<41	
53-SS01	10/19/1999	8270	98-86-2	acetophenone	ug/kg	<170	U J
53-SS01	10/19/1999	8260	107-02-8	acrolein	ug/kg	<170	
53-SS01	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	<41	
53-SS01	10/19/1999	8270	62-53-3	aniline	ug/kg	<170	U J
53-SS01	10/19/1999	8270	120-12-7	anthracene	ug/kg	<34	U J
53-SS01	10/19/1999	6010	7440-36-0	antimony	ug/kg	<1570	
53-SS01	10/19/1999	6010	7440-38-2	arsenic	mg/kg	8.88	
53-SS01	10/19/1999	8270	103-33-3	azobenzene	ug/kg	<34	U J
53-SS01	10/19/1999	6010	7440-39-3	barium	ug/kg	42100	
53-SS01	10/19/1999	8260	71-43-2	benzene	ug/kg	<8.2	

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
53-SS01	10/19/1999	8270	92-87-5	benzidine	ug/kg	<34	U J
53-SS01	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	<67	U J
53-SS01	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	48	J
53-SS01	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	50	J
53-SS01	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	<170	U J
53-SS01	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	<67	U J
53-SS01	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	<34	U J
53-SS01	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	<34	U J
53-SS01	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	<34	U J
53-SS01	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	260	J
53-SS01	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-25-2	bromoform	ug/kg	<8.2	
53-SS01	10/19/1999	8260	74-83-9	bromomethane	ug/kg	<8.2	
53-SS01	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	<34	U J
53-SS01	10/19/1999	6010	7440-43-9	cadmium	ug/kg	492	
53-SS01	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	<8.2	
53-SS01	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	<8.2	
53-SS01	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-00-3	chloroethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	67-66-3	chloroform	ug/kg	<8.2	
53-SS01	10/19/1999	8260	74-87-3	chloromethane	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7440-47-3	chromium	ug/kg	10600	
53-SS01	10/19/1999	8270	218-01-9	chrysene	ug/kg	34	J
53-SS01	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7440-50-8	copper	ug/kg	85400	
53-SS01	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	<170	U J
53-SS01	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	<41	
53-SS01	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	<34	U J
53-SS01	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	<34	U J
53-SS01	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	<34	U J
53-SS01	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	37	J
53-SS01	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	95.58	
53-SS01	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	8.2	
53-SS01	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	86-73-7	fluorene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	<34	U J
53-SS01	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	<8.2	
53-SS01	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	<34	U J
53-SS01	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	78-59-1	isophorone	ug/kg	<34	U J
53-SS01	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7439-92-1	lead	ug/kg	13900	
53-SS01	10/19/1999	6010	7439-97-6	mercury	ug/kg	20.4	
53-SS01	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	250	
53-SS01	10/19/1999	8270	91-20-3	naphthalene	ug/kg	<34	U J
53-SS01	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7440-02-0	nickel	ug/kg	12900	
53-SS01	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	<34	U J
53-SS01	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	<34	U J
53-SS01	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	95-47-6	o-xylene	ug/kg	<8.2	

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
53-SS01	10/19/1999	8260	99-87-6	p-cymene	ug/kg	<8.2	
53-SS01	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	<170	U J
53-SS01	10/19/1999	9040	12408-02-5	pH		7.43	
53-SS01	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	<34	U J
53-SS01	10/19/1999	8270	108-95-2	phenol	ug/kg	<34	U J
53-SS01	10/19/1999	8260	106-42-3	p-xylene	ug/kg	9.7	
53-SS01	10/19/1999	8270	129-00-0	pyrene	ug/kg	49	J
53-SS01	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7782-49-2	selenium	ug/kg	<392	
53-SS01	10/19/1999	6010	7440-22-4	silver	ug/kg	<262	
53-SS01	10/19/1999	8260	100-42-5	styrene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7440-28-0	thallium	ug/kg	<5230	U J
53-SS01	10/19/1999	8260	108-88-3	toluene	ug/kg	<17	
53-SS01	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	<8.2	
53-SS01	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	<17	
53-SS01	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	<8.2	
53-SS01	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	<8.2	
53-SS01	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	<8.2	
53-SS01	10/19/1999	6010	7440-66-6	zinc	ug/kg	80700	
53-SS02	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	<25	
53-SS02	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	<42	
53-SS02	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	<170	U J
53-SS02	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	78-93-3	2-butanone	ug/kg	<42	
53-SS02	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	<8.6	
53-SS02	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	<35	U J
53-SS02	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	<42	
53-SS02	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	<42	
53-SS02	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	<70	U J
53-SS02	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	<35	U J
53-SS02	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	<42	
53-SS02	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	<170	U J

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
53-SS02	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	<170	U J
53-SS02	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	<35	U J
53-SS02	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	<70	U J
53-SS02	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	<70	U J
53-SS02	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	<35	U J
53-SS02	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	<42	
53-SS02	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	<170	U J
53-SS02	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	<35	U J
53-SS02	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	67-64-1	acetone	ug/kg	<42	
53-SS02	10/19/1999	8270	98-86-2	acetophenone	ug/kg	<170	U J
53-SS02	10/19/1999	8260	107-02-8	acrolein	ug/kg	<170	
53-SS02	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	<42	
53-SS02	10/19/1999	8270	62-53-3	aniline	ug/kg	<170	U J
53-SS02	10/19/1999	8270	120-12-7	anthracene	ug/kg	<35	U J
53-SS02	10/19/1999	6010	7440-36-0	antimony	ug/kg	2470	
53-SS02	10/19/1999	6010	7440-38-2	arsenic	mg/kg	7.65	
53-SS02	10/19/1999	8270	103-33-3	azobenzene	ug/kg	<35	U J
53-SS02	10/19/1999	6010	7440-39-3	barium	ug/kg	97800	
53-SS02	10/19/1999	8260	71-43-2	benzene	ug/kg	<8.6	
53-SS02	10/19/1999	8270	92-87-5	benzidine	ug/kg	<35	U J
53-SS02	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	<70	U J
53-SS02	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	<170	U J
53-SS02	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	<70	U J
53-SS02	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	<35	U J
53-SS02	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	<35	U J
53-SS02	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	<35	U J
53-SS02	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	340	J
53-SS02	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-25-2	bromoform	ug/kg	<8.6	
53-SS02	10/19/1999	8260	74-83-9	bromomethane	ug/kg	<8.6	
53-SS02	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	<35	U J
53-SS02	10/19/1999	6010	7440-43-9	cadmium	ug/kg	1070	
53-SS02	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	<8.6	
53-SS02	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	<8.6	
53-SS02	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-00-3	chloroethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	67-66-3	chloroform	ug/kg	<8.6	
53-SS02	10/19/1999	8260	74-87-3	chloromethane	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7440-47-3	chromium	ug/kg	20100	
53-SS02	10/19/1999	8270	218-01-9	chrysene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7440-50-8	copper	ug/kg	229000	
53-SS02	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	<170	U J
53-SS02	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	<42	
53-SS02	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	<35	U J
53-SS02	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	<35	U J
53-SS02	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	92	J
53-SS02	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	120	J
53-SS02	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	94.57	

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
53-SS02	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	11	
53-SS02	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	86-73-7	fluorene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	<8.6	
53-SS02	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	<35	U J
53-SS02	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	78-59-1	isophorone	ug/kg	<35	U J
53-SS02	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7439-92-1	lead	ug/kg	45800	
53-SS02	10/19/1999	6010	7439-97-6	mercury	ug/kg	<20.6	
53-SS02	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	170	
53-SS02	10/19/1999	8270	91-20-3	naphthalene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7440-02-0	nickel	ug/kg	10100	
53-SS02	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	<35	U J
53-SS02	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	<35	U J
53-SS02	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	95-47-6	o-xylene	ug/kg	23	
53-SS02	10/19/1999	8260	99-87-6	p-cymene	ug/kg	<8.6	
53-SS02	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	<170	U J
53-SS02	10/19/1999	9040	12408-02-5	pH		9.11	
53-SS02	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	<35	U J
53-SS02	10/19/1999	8270	108-95-2	phenol	ug/kg	<35	U J
53-SS02	10/19/1999	8260	106-42-3	p-xylene	ug/kg	51	
53-SS02	10/19/1999	8270	129-00-0	pyrene	ug/kg	<35	U J
53-SS02	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7782-49-2	selenium	ug/kg	<393	
53-SS02	10/19/1999	6010	7440-22-4	silver	ug/kg	275	
53-SS02	10/19/1999	8260	100-42-5	styrene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7440-28-0	thallium	ug/kg	<5230	U J
53-SS02	10/19/1999	8260	108-88-3	toluene	ug/kg	<17	
53-SS02	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	<8.6	
53-SS02	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	<17	
53-SS02	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	<8.6	
53-SS02	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	<8.6	
53-SS02	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	<8.6	
53-SS02	10/19/1999	6010	7440-66-6	zinc	ug/kg	474000	
54-SS01	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	<28	U J
54-SS01	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	<46	U J
54-SS01	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	<9.4	U J

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
54-SS01	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	<170	U J
54-SS01	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	<34	
54-SS01	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	<34	
54-SS01	10/19/1999	8260	78-93-3	2-butanone	ug/kg	<46	U J
54-SS01	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	<34	
54-SS01	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	<34	U J
54-SS01	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	<46	U J
54-SS01	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	<34	
54-SS01	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	<46	U J
54-SS01	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	<68	
54-SS01	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	<34	
54-SS01	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	<46	U J
54-SS01	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	<170	
54-SS01	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	<170	U J
54-SS01	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	<34	
54-SS01	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	<68	U J
54-SS01	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	<68	
54-SS01	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	<34	
54-SS01	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	<46	U J
54-SS01	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	<170	
54-SS01	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	<34	U J
54-SS01	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	<34	
54-SS01	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	<34	
54-SS01	10/19/1999	8260	67-64-1	acetone	ug/kg	<46	U J
54-SS01	10/19/1999	8270	98-86-2	acetophenone	ug/kg	<170	
54-SS01	10/19/1999	8260	107-02-8	acrolein	ug/kg	<190	U J
54-SS01	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	<46	U J
54-SS01	10/19/1999	8270	62-53-3	aniline	ug/kg	<170	
54-SS01	10/19/1999	8270	120-12-7	anthracene	ug/kg	<34	
54-SS01	10/19/1999	6010	7440-36-0	antimony	ug/kg	3320	
54-SS01	10/19/1999	6010	7440-38-2	arsenic	mg/kg	9.68	
54-SS01	10/19/1999	8270	103-33-3	azobenzene	ug/kg	<34	
54-SS01	10/19/1999	6010	7440-39-3	barium	ug/kg	78300	
54-SS01	10/19/1999	8260	71-43-2	benzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	92-87-5	benzidine	ug/kg	<34	
54-SS01	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	<68	
54-SS01	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	<34	
54-SS01	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	<34	
54-SS01	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	<34	
54-SS01	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	<34	
54-SS01	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	<170	U J
54-SS01	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	<68	
54-SS01	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	<34	
54-SS01	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	<34	
54-SS01	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	<34	
54-SS01	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	430	
54-SS01	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-25-2	bromoform	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	74-83-9	bromomethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	<34	

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS

PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
54-SS01	10/19/1999	6010	7440-43-9	cadmium	ug/kg	1170	
54-SS01	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-00-3	chloroethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	67-66-3	chloroform	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	74-87-3	chloromethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7440-47-3	chromium	ug/kg	21400	
54-SS01	10/19/1999	8270	218-01-9	chrysene	ug/kg	<34	
54-SS01	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7440-50-8	copper	ug/kg	169000	
54-SS01	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	<34	
54-SS01	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	<170	
54-SS01	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	<46	U J
54-SS01	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	<34	
54-SS01	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	38	
54-SS01	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	38	
54-SS01	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	160	
54-SS01	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	94.98	
54-SS01	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	<34	
54-SS01	10/19/1999	8270	86-73-7	fluorene	ug/kg	<34	
54-SS01	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	<34	
54-SS01	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	<34	
54-SS01	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	<34	
54-SS01	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	<34	
54-SS01	10/19/1999	8270	78-59-1	isophorone	ug/kg	<34	
54-SS01	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7439-92-1	lead	ug/kg	40700	
54-SS01	10/19/1999	6010	7439-97-6	mercury	ug/kg	<20.4	
54-SS01	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	150	J
54-SS01	10/19/1999	8270	91-20-3	naphthalene	ug/kg	<34	
54-SS01	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7440-02-0	nickel	ug/kg	12600	
54-SS01	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	<34	
54-SS01	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	<34	
54-SS01	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	<34	
54-SS01	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	95-47-6	o-xylene	ug/kg	11	J
54-SS01	10/19/1999	8260	99-87-6	p-cymene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	<170	U J
54-SS01	10/19/1999	9040	12408-02-5	pH		8.45	
54-SS01	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	<34	
54-SS01	10/19/1999	8270	108-95-2	phenol	ug/kg	<34	U J
54-SS01	10/19/1999	8260	106-42-3	p-xylene	ug/kg	12	J
54-SS01	10/19/1999	8270	129-00-0	pyrene	ug/kg	<34	
54-SS01	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7782-49-2	selenium	ug/kg	<389	
54-SS01	10/19/1999	6010	7440-22-4	silver	ug/kg	2450	
54-SS01	10/19/1999	8260	100-42-5	styrene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7440-28-0	thallium	ug/kg	<5210	U J
54-SS01	10/19/1999	8260	108-88-3	toluene	ug/kg	<19	U J
54-SS01	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	<9.4	U J

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS

PSC Tacoma Facility

Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
54-SS01	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	<19	U J
54-SS01	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	<9.4	U J
54-SS01	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	<9.4	U J
54-SS01	10/19/1999	6010	7440-66-6	zinc	ug/kg	291000	
54-SS02	10/19/1999	8260	71-55-6	1,1,1-tri-chloroethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	79-34-5	1,1,2,2,-tetrachloroethane	ug/kg	<27	
54-SS02	10/19/1999	8260	79-00-5	1,1,2-tri-chloroethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-34-3	1,1-dichloro-ethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-35-4	1,1-dichloro-ethene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	563-58-6	1,1-dichloropropene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	87-61-6	1,2,3-trichlorobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	96-18-4	1,2,3-trichloropropane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	120-82-1	1,2,4-trichlorobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	95-63-6	1,2,4-trimethylbenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	96-12-8	1,2-diboromo-3-chloropropane	ug/kg	<45	
54-SS02	10/19/1999	8260	106-93-4	1,2-dibromo-ethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	95-50-1	1,2-dichlorobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	107-06-2	1,2-dichloro-ethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	78-87-5	1,2-dichloropropane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	108-67-8	1,3,5-trimethylbenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	541-73-1	1,3-dichlorobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	142-28-9	1,3-dichloropropane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	106-46-7	1,4-dichlorobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8270	95-95-4	2,4,5-trichloro-phenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	88-06-2	2,4,6-trichloro-phenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	120-83-2	2,4-dichloro-phenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	105-67-9	2,4-dimethyl-phenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	51-28-5	2,4-dinitro-phenol	ug/kg	<180	U J
54-SS02	10/19/1999	8270	121-14-2	2,4-dinitrotoluene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	606-20-2	2,6-dinitrotoluene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	78-93-3	2-butanone	ug/kg	<45	
54-SS02	10/19/1999	8260	110-75-8	2-chloroethylvinylether	ug/kg	<8.9	
54-SS02	10/19/1999	8270	91-58-7	2-chloronaphthalene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	95-57-8	2-chlorophenol	ug/kg	<36	U J
54-SS02	10/19/1999	8260	95-49-8	2-chlorotoluene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	591-78-6	2-hexanone	ug/kg	<45	
54-SS02	10/19/1999	8270	91-57-6	2-methylnaphthalene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	107-83-5	2-methylpentane	ug/kg	<45	
54-SS02	10/19/1999	8270	95-48-7	2-methylphenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	88-74-4	2-nitroaniline	ug/kg	<73	U J
54-SS02	10/19/1999	8270	88-75-5	2-nitrophenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	91-94-1	3,3-dichlorobenzidine	ug/kg	<36	U J
54-SS02	10/19/1999	8260	96-14-0	3-methylpentane	ug/kg	<45	
54-SS02	10/19/1999	8270	99-09-2	3-nitroaniline	ug/kg	<180	U J
54-SS02	10/19/1999	8270	534-52-1	4,6-dinitro2-methylphenol	ug/kg	<180	U J
54-SS02	10/19/1999	8270	101-55-3	4-bromophenyl phenyl ether	ug/kg	<36	U J
54-SS02	10/19/1999	8270	59-50-7	4-chloro-3-methylphenol	ug/kg	<73	U J
54-SS02	10/19/1999	8270	106-47-8	4-chloroaniline	ug/kg	<73	U J
54-SS02	10/19/1999	8270	7005-72-3	4-chlorophenyl phenyl ether	ug/kg	<36	U J
54-SS02	10/19/1999	8260	106-43-4	4-chlorotoluene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	108-10-1	4-methyl-2-pentanone	ug/kg	<45	
54-SS02	10/19/1999	8270	106-44-5	4-methylphenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	100-01-6	4-nitroaniline	ug/kg	<180	U J
54-SS02	10/19/1999	8270	100-02-7	4-nitrophenol	ug/kg	<36	U J
54-SS02	10/19/1999	8270	83-32-9	acenaphthene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	208-96-8	acenaphthylene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	67-64-1	acetone	ug/kg	<45	
54-SS02	10/19/1999	8270	98-86-2	acetophenone	ug/kg	<180	U J
54-SS02	10/19/1999	8260	107-02-8	acrolein	ug/kg	<180	
54-SS02	10/19/1999	8260	107-13-1	acrylonitrile	ug/kg	<45	
54-SS02	10/19/1999	8270	62-53-3	aniline	ug/kg	<180	U J

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS
PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
54-SS02	10/19/1999	8270	120-12-7	anthracene	ug/kg	<36	U J
54-SS02	10/19/1999	6010	7440-36-0	antimony	ug/kg	<1610	
54-SS02	10/19/1999	6010	7440-38-2	arsenic	mg/kg	7.44	
54-SS02	10/19/1999	8270	103-33-3	azobenzene	ug/kg	<36	U J
54-SS02	10/19/1999	6010	7440-39-3	barium	ug/kg	55700	
54-SS02	10/19/1999	8260	71-43-2	benzene	ug/kg	<8.9	
54-SS02	10/19/1999	8270	92-87-5	benzidine	ug/kg	<36	U J
54-SS02	10/19/1999	8270	56-55-3	benzo(a)anthracene	ug/kg	<73	U J
54-SS02	10/19/1999	8270	50-32-8	benzo(a)pyrene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	205-99-2	benzo(b)fluoranthene	ug/kg	84	J
54-SS02	10/19/1999	8270	191-24-2	benzo(ghi)perylene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	207-08-9	benzo(k)fluoranthene	ug/kg	46	J
54-SS02	10/19/1999	8270	65-85-0	benzoic acid	ug/kg	<180	U J
54-SS02	10/19/1999	8270	100-51-6	benzyl alcohol	ug/kg	<73	U J
54-SS02	10/19/1999	8270	111-91-1	bis(2-chloro-ethoxy)methane	ug/kg	<36	U J
54-SS02	10/19/1999	8270	111-44-4	bis(2-chloro-ethyl)ether	ug/kg	<36	U J
54-SS02	10/19/1999	8270	39638-32-9	bis(2-chloroisopropyl)ether	ug/kg	<36	U J
54-SS02	10/19/1999	8270	117-81-7	bis(2-ethylhexyl)phthalate (BEHP)	ug/kg	200	J
54-SS02	10/19/1999	8260	108-86-1	bromobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-27-4	bromodichloromethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-25-2	bromoform	ug/kg	<8.9	
54-SS02	10/19/1999	8260	74-83-9	bromomethane	ug/kg	<8.9	
54-SS02	10/19/1999	8270	85-68-7	butyl benzyl phthalate	ug/kg	<36	U J
54-SS02	10/19/1999	6010	7440-43-9	cadmium	ug/kg	612	
54-SS02	10/19/1999	8260	75-15-0	carbon disulfide	ug/kg	<8.9	
54-SS02	10/19/1999	8260	56-23-5	carbon tetrachloride	ug/kg	<8.9	
54-SS02	10/19/1999	8260	108-90-7	chlorobenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	74-97-5	chlorobromomethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-00-3	chloroethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	67-66-3	chloroform	ug/kg	<8.9	
54-SS02	10/19/1999	8260	74-87-3	chloromethane	ug/kg	<8.9	
54-SS02	10/19/1999	6010	7440-47-3	chromium	ug/kg	25200	
54-SS02	10/19/1999	8270	218-01-9	chrysene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	156-59-2	cis-1,2-dichloroethylene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	10061-01-5	cis-1,3-dichloropropene	ug/kg	<8.9	
54-SS02	10/19/1999	6010	7440-50-8	copper	ug/kg	46500	
54-SS02	10/19/1999	8270	53-70-3	dibenzo(a,h)anthracene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	132-64-9	dibenzofuran	ug/kg	<180	U J
54-SS02	10/19/1999	8260	124-48-1	dibromochloromethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-71-8	dichloro-difluoro-methane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	60-29-7	diethyl ether	ug/kg	<45	
54-SS02	10/19/1999	8270	84-66-2	diethyl phthalate	ug/kg	<36	U J
54-SS02	10/19/1999	8270	131-11-3	dimethyl phthalate	ug/kg	<36	U J
54-SS02	10/19/1999	8270	84-74-2	di-n-butyl phthalate	ug/kg	<36	U J
54-SS02	10/19/1999	8270	117-84-0	di-n-octyl phthalate	ug/kg	<36	U J
54-SS02	10/19/1999	BSOPSPL003	GIS_DRYWEIG	dry weight	%	93.06	
54-SS02	10/19/1999	8260	100-41-4	ethylbenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8270	206-44-0	fluoranthene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	86-73-7	fluorene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	118-74-1	hexachlorobenzene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	87-68-3	hexachlorobutadiene	ug/kg	<8.9	
54-SS02	10/19/1999	8270	77-47-4	hexachlorocyclopentadiene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	67-72-1	hexachloroethane	ug/kg	<36	U J
54-SS02	10/19/1999	8270	193-39-5	indeno(1,2,3-cd)pyrene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	78-59-1	isophorone	ug/kg	<36	U J
54-SS02	10/19/1999	8260	98-82-8	isopropyl-benzene	ug/kg	<8.9	
54-SS02	10/19/1999	6010	7439-92-1	lead	ug/kg	18300	
54-SS02	10/19/1999	6010	7439-97-6	mercury	ug/kg	57.0	
54-SS02	10/19/1999	8260	96-37-7	methylcyclopentane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	74-95-3	methylene bromide	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-09-2	methylene chloride	ug/kg	680	
54-SS02	10/19/1999	8270	91-20-3	naphthalene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	104-51-8	n-butylbenzene	ug/kg	<8.9	

TABLE 3-3

SWMU-53 AND SWMU-54 SAMPLE RESULTS

PSC Tacoma Facility
Tacoma, Washington

Sample ID[1]	Date	Method	CAS	Compound	Units	Concentration	Flags[2]
54-SS02	10/19/1999	6010	7440-02-0	nickel	ug/kg	14700	
54-SS02	10/19/1999	8270	98-95-3	nitrobenzene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	86-30-6	n-nitrosodiphenylamine	ug/kg	<36	U J
54-SS02	10/19/1999	8270	621-64-7	n-nitrosodipropylamine	ug/kg	<36	U J
54-SS02	10/19/1999	8260	103-65-1	n-propylbenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	95-47-6	o-xylene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	99-87-6	p-cymene	ug/kg	<8.9	
54-SS02	10/19/1999	8270	87-86-5	pentachlorophenol	ug/kg	<180	U J
54-SS02	10/19/1999	9040	12408-02-5	pH		8.85	
54-SS02	10/19/1999	8270	85-01-8	phenanthrene	ug/kg	<36	U J
54-SS02	10/19/1999	8270	108-95-2	phenol	ug/kg	<36	U J
54-SS02	10/19/1999	8260	106-42-3	p-xylene	ug/kg	30	
54-SS02	10/19/1999	8270	129-00-0	pyrene	ug/kg	<36	U J
54-SS02	10/19/1999	8260	135-98-8	sec-butylbenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	594-20-7	sec-dichloropropane	ug/kg	<8.9	
54-SS02	10/19/1999	6010	7782-49-2	selenium	ug/kg	<134	
54-SS02	10/19/1999	6010	7440-22-4	silver	ug/kg	443	
54-SS02	10/19/1999	8260	100-42-5	styrene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	98-06-6	tert-butylbenzene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	127-18-4	tetrachloro-ethene	ug/kg	<8.9	
54-SS02	10/19/1999	6010	7440-28-0	thallium	ug/kg	<5370	U J
54-SS02	10/19/1999	8260	108-88-3	toluene	ug/kg	<18	
54-SS02	10/19/1999	8260	156-60-5	trans-1,2-dichloroethene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	10061-02-6	trans-1,3-dichloropropene	ug/kg	<8.9	
54-SS02	10/19/1999	8260	79-01-6	trichloro-ethene	ug/kg	<18	
54-SS02	10/19/1999	8260	75-69-4	trichlorofluoromethane	ug/kg	<8.9	
54-SS02	10/19/1999	8260	108-05-4	vinyl acetate	ug/kg	<8.9	
54-SS02	10/19/1999	8260	75-01-4	vinyl chloride	ug/kg	<8.9	
54-SS02	10/19/1999	6010	7440-66-6	zinc	ug/kg	135000	

1. Samples starting with "53" are from SWMU 53 area an samples starting with "54" are from SWMU 54
2. U = undetected; J = estimated