

**COLISEUM STORAGE
SOIL SAMPLES FROM WELLS
RESULTS FOR METALS (mg/Kg), pH, AND SULFUR (mg/Kg)**

	CW-1-6.5'	CW-1-8'	CW-1-9'	CW-1-11'	CW-2-3.5'	CW-2-5'	CW-2-7.5'	CW-2-9.5'	CW-3-3.5'
Sb	320	19	<1	<1	51	48	<1	3	79
As	890	97	31	2	210	290	4	170	310
Ba	240	800	110000	540	2000	1800	190000	33000	11000
Be	0.1	0.4	1.1	0.4	0.3	0.3	0.2	0.2	0.5
Cd	200	200	2.9	0.8	29	28	<0.4	1	60
Cr	19	5	17	33	49	34	4	5	49
Co	45	43	79	7	15	13	150	36	25
Cu	5400	5500	100	24	420	390	13	58	560
Pb	23000	4000	54	17	1700	1900	13	110	3700
Hg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mo	5	<1	9	<1	2	7	<1	<1	6
Ni	19	44	420	25	73	48	76	84	93
Se	25	2	<1	<1	6	6	<1	<1	13
Ag	63	17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.5
Sulfate	910	220	<20	230	150	70	<20	<20	<20
Th	1	<1	2	<1	1	<1	<1	<1	8
Va	55	220	1000	30	44	41	120	160	70
Zn	37000	65000	1200	78	8700	11000	390	1100	8600
pH	5.7	5.9	11	9.3	8.3	8.6	10.8	8.6	9
Sulfur	<70	760	<70	550	1680	2270	<70	450	<70

**COLISEUM STORAGE
SOIL SAMPLES FROM WELLS
RESULTS FOR METALS (mg/Kg), pH, AND SULFUR (mg/Kg)**

	CW-3-6'	CW-3-9'	CW-3-11'	CW-4-5.5'	CW-4-7.5'	CW-4-11.5'	CW-4-12.5'	CW-5-7.5'	CW-5-11'
Sb	<1	<1	<1	120	<1	37	12	3	10
As	2	15	77	210	<1	87	120	68	85
Ba	72000	7500	41000	14000	2200	1200	230	2900	420
Be	0.3	0.3	0.9	0.2	0.3	0.1	0.2	0.1	0.3
Cd	14	<0.4	<0.4	230	2.2	<0.4	4.9	51	4.9
Cr	10	4	20	20	41	6	17	25	24
Co	66	67	77	25	12	4	11	14	15
Cu	58	32	120	4300	22	79	100	310	470
Pb	150	14	42	4200	26	200	490	810	1400
Hg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mo	<1	<1	1	<1	<1	7	6	<1	2
Ni	69	89	600	69	81	21	44	45	47
Se	<1	<1	<1	9	<1	5	3	<1	12
Ag	<0.5	<0.5	<0.5	7.5	<0.5	13	4.9	<0.5	<0.5
Sulfate	<20	<20	<20	<20	90	<20	30	<20	30
Th	1	1	4	4	<1	<1	<1	<1	<1
Va	150	240	780	86	32	54	40	40	41
Zn	6700	59	400	23000	1100	56	9900	8100	2200
pH	10.9	11.1	10.5	8.6	9	10.4	10	8.8	8.9
Sulfur									

**COLISEUM STORAGE
SOIL SAMPLE FROM WELLS
RESULTS FOR 8015/8260/8270**

EPA 8260(mg/Kg)							
	CW-2-9.5	CW-4-5.5	CW-4-7.5	CW-4-11.5'	CW-4-12.5'	CW-5-7.5'	CW-5-11'
ACETONE		0.07					
BENZENE				0.15		4	
ETHYLBENZENE				0.12	4	8	3
METHYLENE CHLORIDE	0.7	0.007		0.006			
NAPHTHALENE	9.8	0.03	0.011	0.009	240	2100	260
STYRENE						6	
1,2,3-TRIMETHYLBENZENE					6	16	
1,2,4-TRIMETHYLBENZENE					3	7	4
TOLUENE				0.014		12	
O-XYLENE				0.049	3	11	3
P,M-XYLENES				0.11	6	19	4
EPA 8015 (MODIFIED)							
	CW-2-9.5	CW-4-5.5	CW-4-7.5	CW-4-11.5'	CW-4-12.5'	CW-5-7.5'	CW-5-11'
TPH-E	510	780	22	37	10000	130	22000
TPH-D							
TPH-O	390	690	17	5	3700	40	8700
EPA 8270 - ACID EXTRACTABLE SEMIVOLATILE ORGANIC COMPOUNDS							
	CW-2-9.5	CW-4-5.5	CW-4-7.5	CW-4-11.5'	CW-4-12.5'	CW-5-7.5'	CW-5-11'
2,4-DIMETHYLPHENOL				6		13	
2-METHYLPHENOL				7		3	
4-METHYLPHENOL				11		0.4	
PHENOL							5

**COLISEUM STORAGE
SOIL SAMPLE FROM WELLS
RESULTS FOR 8015/8260/8270**

EPA 8270 - BASE/NEUTRAL SEMIVOLATILES							
	CW-2-9.5	CW-4-5.5	CW-4-7.5	CW-4-11.5'	CW-4-12.5'	CW-5-7.5'	CW-5-11'
ACENAPHTHENE	20	0.6		200	210		310
ACENAPHTHELENE				58	6		6
ANTHRACENE	40	1.6		2400	70		190
BENZO(A)ANTHRACENE	80	2.9		150	40		60
BENZO(B)FLUORANTHENE	50	2.5		110	19		28
BENZO(K)FLUORANTHENE	40	1.5		130	7		18
BENZO(GHI)PERYLENE	20	0.8		39	2		6
BENZO(A)PYRENE	70	2.9		110	15		26
CHRYSENE	80	3.4		240	50		90
DIBENZO(A,H)ANTHRACENE		0.3		15	1		11
DIBENZOFURAN		0.4		160	110		140
FLUORANTHENE	160	5		540	170		250
FLUORENE	20	0.4		350	140		230
INDENO(1,2,3-cd)PYRENE	20	1.3		47	4		8
2-METHYLNAPHTHALENE	20	.		470	290		250
NAPHTHALENE	30	0.8	0.2	1200	320		470
N-NITROSODIPHENYLAMINE	20	1.1					
PHENANTHRENE	100	5		1300	460		690
PYRENE	270	8		600	160		280

**COLISEUM STORAGE
GROUNDWATER RESULTS: EPA 8270**

	MW-1	MW-2	MW-3	MW-4	MW-5
EPA 8270 - ACID EXTRACTABLES					
2-CHLOROPHENOL			19		
2,4-DIMETHYLPHENOL				330	
2-METHYLPHENOL			11	190	
4-METHYLPHENOL			18		300
PHENOL			9		
EPA 8270 - BASE NEUTRAL EXTRACTABLES					
ACENAPHTHENE				1,900	9,000
ACENAPHTHYLENE				90	500
ANTHRACENE				590	7,000
BENZO(a)ANTHRACENE				380	1,800
BENZO(a)PYRENE				130	600
BENZO(b)FLUORANTHENE				150	700
BENZOIC ACID				300	
BENZO(k)FLUORANTHENE				60	300
CHRYSENE				350	2,400
DIBENZOFURAN				1,500	5,000
FLUORANTHENE				1,400	7,000
FLUORENE				1,100	6,000
2-METHYLNAPHTHALENE				4,500	18,000
NAPHTHALENE				12,000	33,000
PHENANTHRENE		8		3,800	19,000
PYRENE		10		1,300	6,000

**COLISEUM STORAGE
GROUNDWATER RESULTS: METALS**

	MW-1	MW-2	MW-3	MW-4	MW-5
MG/L					
ANTIMONY					
ARSENIC	0.52	3.5	3.3	0.24	0.54
BARIUM	2.5	220	1000	3.6	31
BERYLIUM					
CADMIUM					
CALCIUM	19	70	37	4.2	43
CHROMIUM					
COBALT		0.2	0.9		0.03
COPPER					
LEAD					
MAGNESIUM	18	34	0.5	0.5	20
MERCURY					
MOLYBDENUM	0.02		0.2	0.13	0.01
NICKEL					
POTASSIUM	28	31	46	20	32
SELENIUM					
SILVER					
SODIUM	480	230	510	620	520
THALLIUM					
VANADIUM	0.08		0.04	0.04	0.01
ZINC	0.01	0.06		0.02	0.01
BROMIDE	9.3	1.6	3.5	3.9	1.8
CHLORIDE	440	480	1300	310	410
FLUORIDE	2.8	1.9	2.1	3.1	2.7
NITRATE					
NITRITE					
ORTHOPHOSPHATE	0.2			0.1	
SULFATE	11	0.7	1.2	34	2.7
FIELD PARAMETERS					
pH	8.1	6.9	10.3	9.9	7.3
TEMPERATURE	21.9	22.5	21.3	22.1	22.3
CONDUCTIVITY	>2000	>2000	>2000	>2000	>2000

COLISEUM STORAGE
VOLVO/GM STORMSEWER WATER SAMPLING RESULTS: METALS

	CSS-1	CSS-2	CSS-3	CSS-4	CSS-5	CSS-6	CSS-7	CSL-A	PGSS-1
MG/L									
BARIUM	0.06	0.09	0.05	0.06	0.06	0.06	0.07	0.24	0.24
BARIUM, DISSOLVED	0.05	0.06	0.04	0.05	0.05	0.05	0.05	0.14	0.11
CALCIUM	51	32	31	31	30	30	30	26	280
CALCIUM, DISSOLVED	46	33	30	30	29	29	28	23	240
CHROMIUM								0.01	0.03
COPPER		0.02						0.06	0.09
COPPER, DISSOLVED		0.19						0.01	
LEAD								0.07	0.13
LEAD, DISSOLVED		0.06							
MAGNESIUM	110	44	43	41	39	38	39	4.7	870
MAGNESIUM, DISSOLVED	97	43	41	41	39	37	36	3.8	760
NICKEL								0.02	0.04
NICKEL, DISSOLVED		0.04							
POTASSIUM	30	9	6	5	4	5	4	6	270
POTASSIUM, DISSOLVED	26	10	6	6	5	5	4	5	250
SODIUM	720	180	130	120	100	100	96	23	7300
SODIUM, DISSOLVED	600	200	130	120	110	100	85	23	6600
VANADIUM									0.02
ZINC	0.04	0.1		0.01			0.04	0.36	1.3
ZINC, DISSOLVED	0.02	1.1				0.01		0.11	0.68
BROMIDE	4.1	1.2	0.71	0.7	0.53	0.51	0.45	0.08	56
CHLORIDE	1000	340	210	200	160	150	140	24	14000
FLUORIDE	2.3	1.3						0.77	23
NITRATE	2.3	2.3	2.6	2.6	2.6	2.7	2.7	0.06	
ORTHOPHOSPHATE						0.1			
SULFATE	130	64	48	47	42	40	38	19	1500
TOTAL ALKALINITY	160	160	160	160	160	160	160	70	140
pH	8.1	8.2	8.2	8.2	8.2	8.2	8.2	7.4	7.3

**COLISEUM STORAGE
STORMWATER CHANNEL SAMPLING RESULTS: METALS**

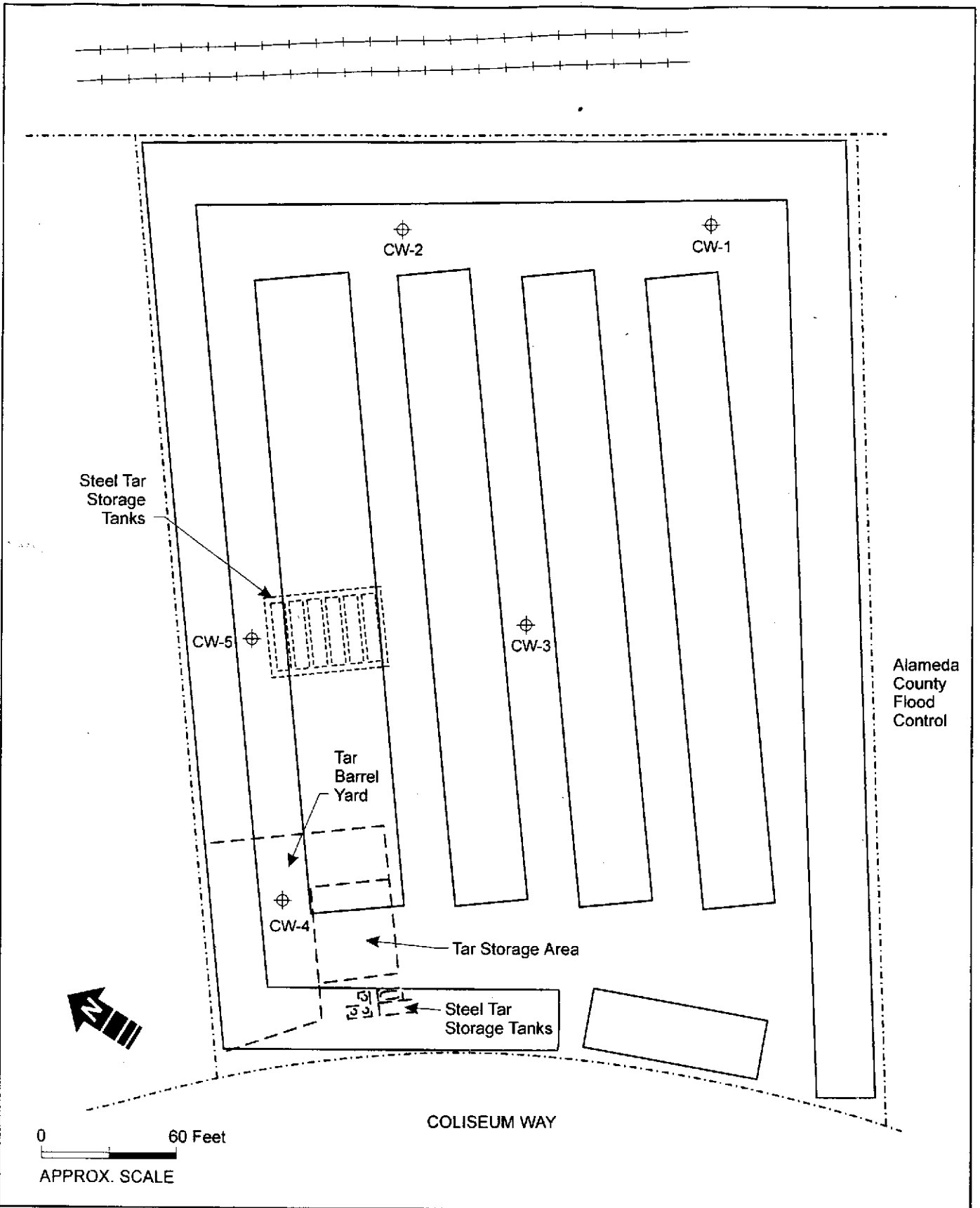
	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
MG/L						
BARIUM	0.06	0.05	0.05	0.5	0.07	0.05
BARIUM, DISSOLVED	0.06	0.06	0.06	0.5	0.07	0.05
CALCIUM	170	200	250	290	270	260
CALCIUM, DISSOLVED	140	190	190	290	260	260
MAGNESIUM	530	630	820	930	850	840
MAGNESIUM, DISSOLVED	410	600	600	930	830	830
POTASSIUM	170	200	260	290	250	260
POTASSIUM, DISSOLVED	130	180	180	280	250	260
SODIUM	4200	500	6400	7400	6500	6700
SODIUM, DISSOLVED	3200	4700	4700	7200	6300	7000
ZINC	0.1	0.06	0.06	0.08	0.03	0.05
ZINC, DISSOLVED	0.06	0.05	0.07	0.06	0.02	0.04
BROMIDE	27	37	50	62	51	59
CHLORIDE	6300	8800	12000	16000	13000	15000
FLUORIDE	13	17	22	26	23	24
NITRATE	1	0.9				0.9
SULFATE	700	970	1300	1600	1400	1600
TOTAL ALKALINITY	140	140	130	140	150	130
pH	7.8	7.7	7.6	7.4	8.4	7.6

**COLISEUM STORAGE
CHANNEL SEDIMENT SAMPLING RESULTS: METALS**

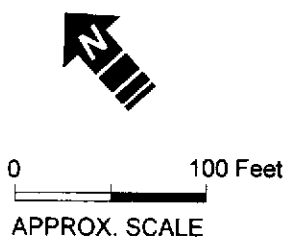
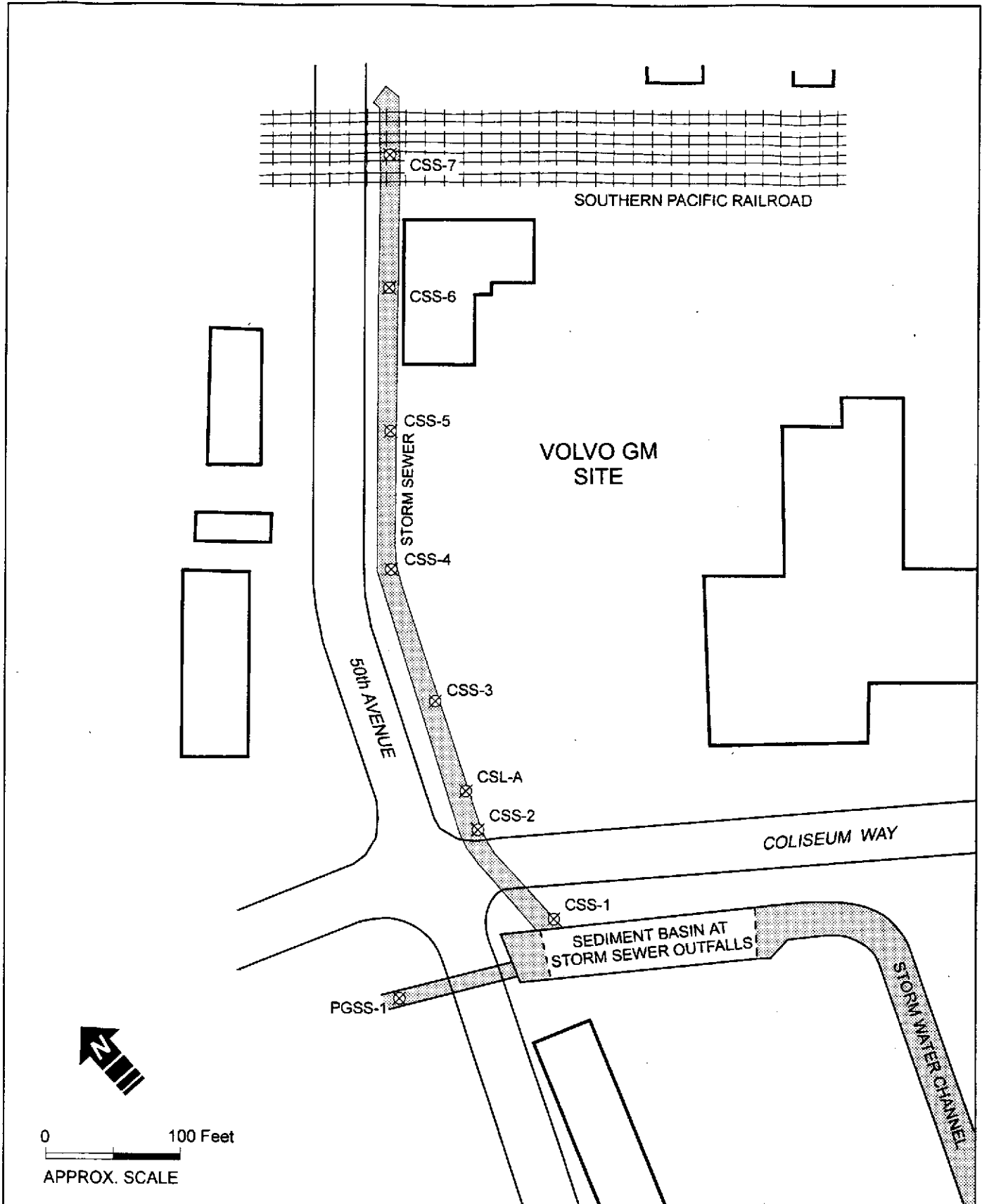
	SED-1	SED-2	SED-3	SED-4
MG/L				
BARIIUM	67	86	81	41
BERYLIUM	0.2	0.1	0.1	0.2
CADMIUM	0.7	1.3	1	
CHROMIUM	51	58	50	86
COBALT	11	8	8	18
COPPER	110	47	83	130
LEAD	160	140	210	96
MERCURY	0.2	0.2	0.2	
MOLYBDENUM		2		
NICKEL	96	59	66	170
VANADIUM	25	25	26	37
ZINC	750	310	260	1300
pH	7.0	8.1	7.8	8.2

**COLISEUM STORAGE
SLAG SAMPLE**

	CW-5-SLAG
MG/L	
ARSENIC	60
BARIUM	52
BERYLIUM	0.4
CADMIUM	12
CHROMIUM	31
COBALT	29
COPPER	1200
LEAD	10000
MOLYBDENUM	140
NICKEL	42
THALLIUM	7
VANADIUM	83
ZINC	27000



<p>LEGEND:</p>	<p>SITE PLAN</p>	<p>Figure</p>	<p>Clayton</p>
<p>----- Property Boundary</p> <p>⊕ Monitoring Well</p> <p>CW-1</p>	<p>5200 COLISEUM WAY OAKLAND, CALIFORNIA Clayton Project No. 69998.00</p>	<p>2</p> <p>10/10/96 FIG2-6.CDR</p>	<p>ENVIRONMENTAL CONSULTANTS</p>

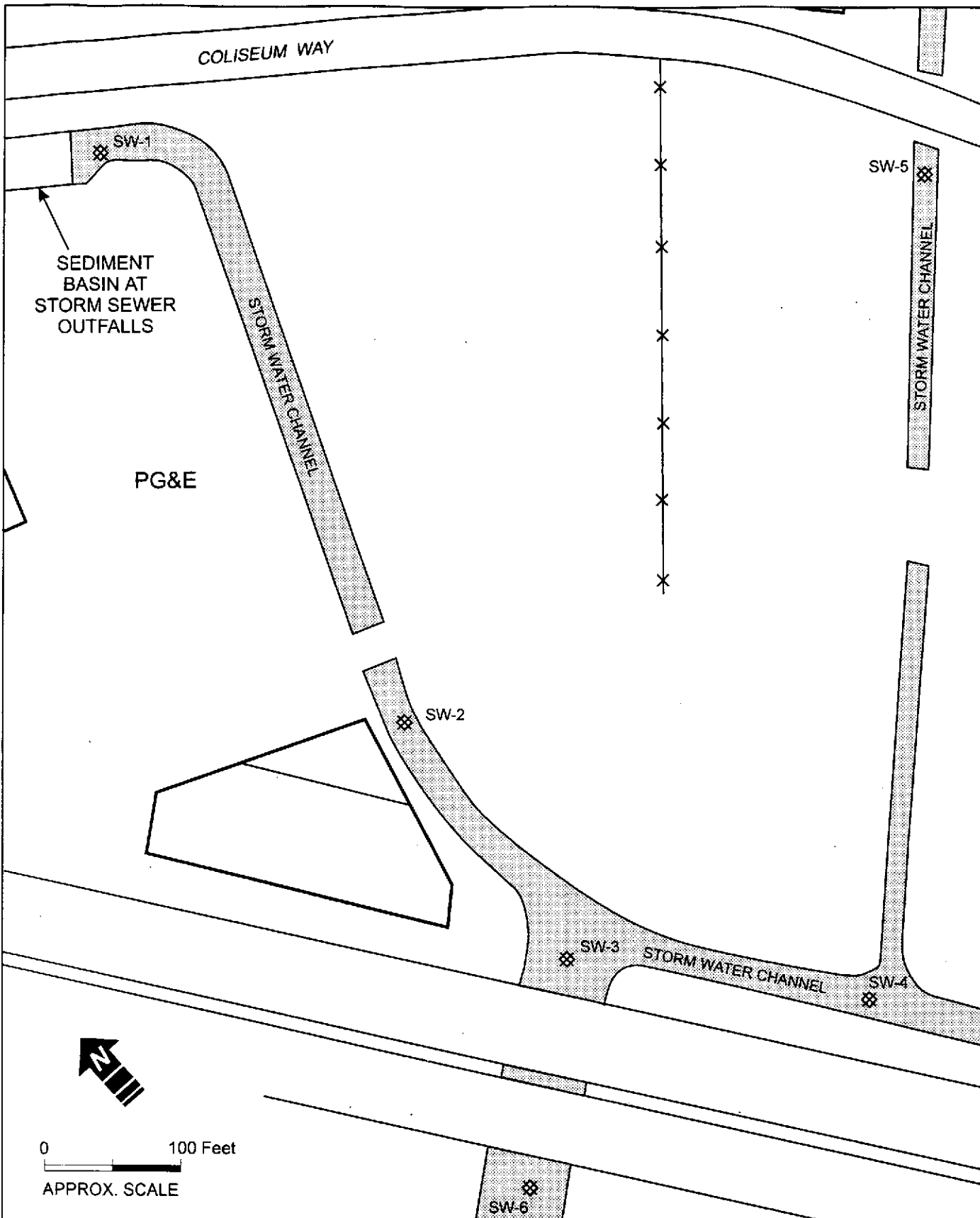


LEGEND:	
⊗	Storm Sewer Sample
CSS-1	

STORM SEWER SAMPLE LOCATIONS
 50th AVENUE STORM DRAIN
 OAKLAND, CALIFORNIA
 Clayton Project No.69998.00

Figure
3
 10/10/96
 FIG3-9.CDR

Clayton
 ENVIRONMENTAL
 CONSULTANTS

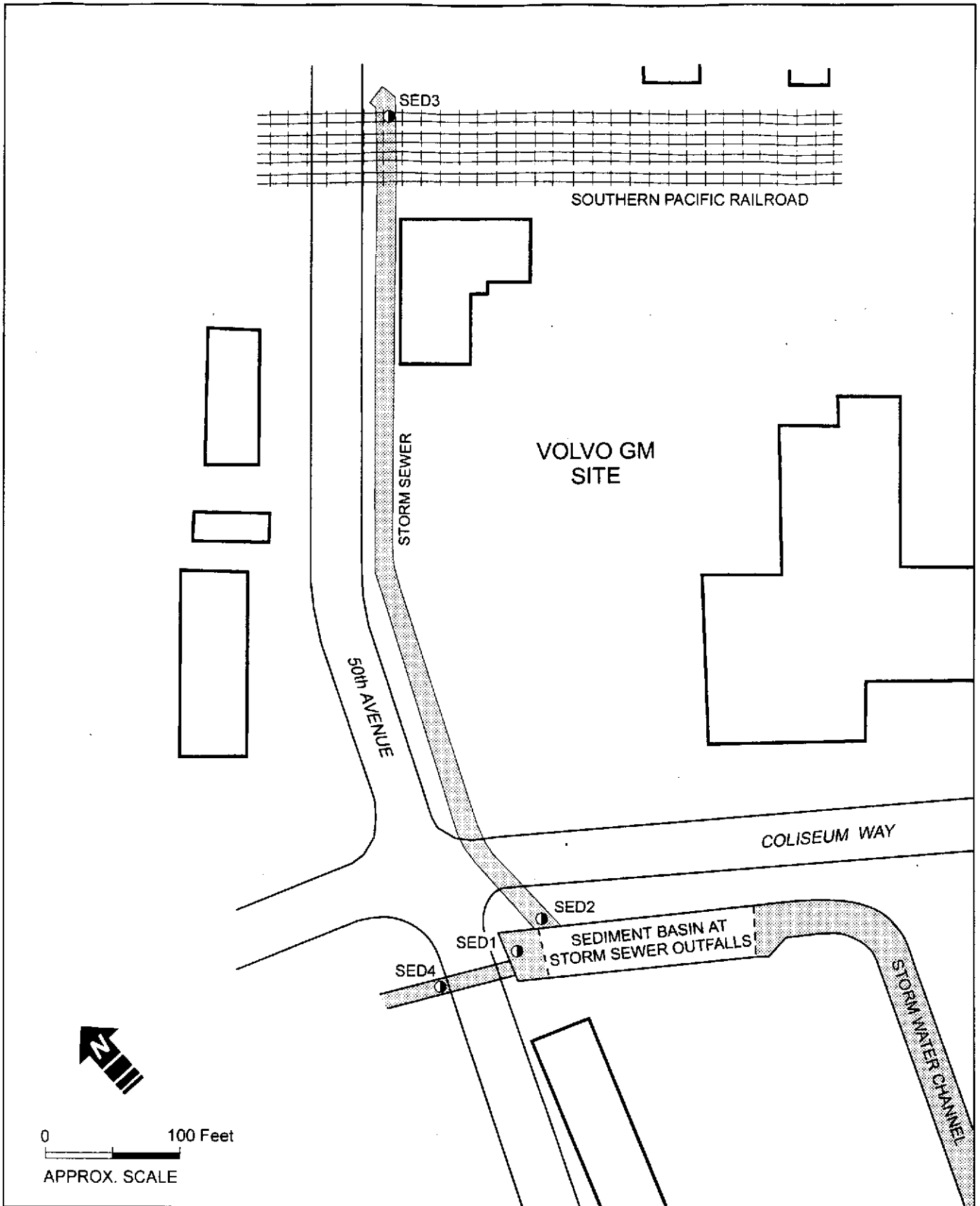


LEGEND:	
⊠	Surface Water Sample Point
SW-1	

SURFACE WATER SAMPLING LOCATIONS
 50th AVENUE STORM DRAIN
 OAKLAND, CALIFORNIA
 Clayton Project No. 69998.00

Figure
4
 10/10/96
 FIG4-8.CDR

Clayton
 ENVIRONMENTAL CONSULTANTS



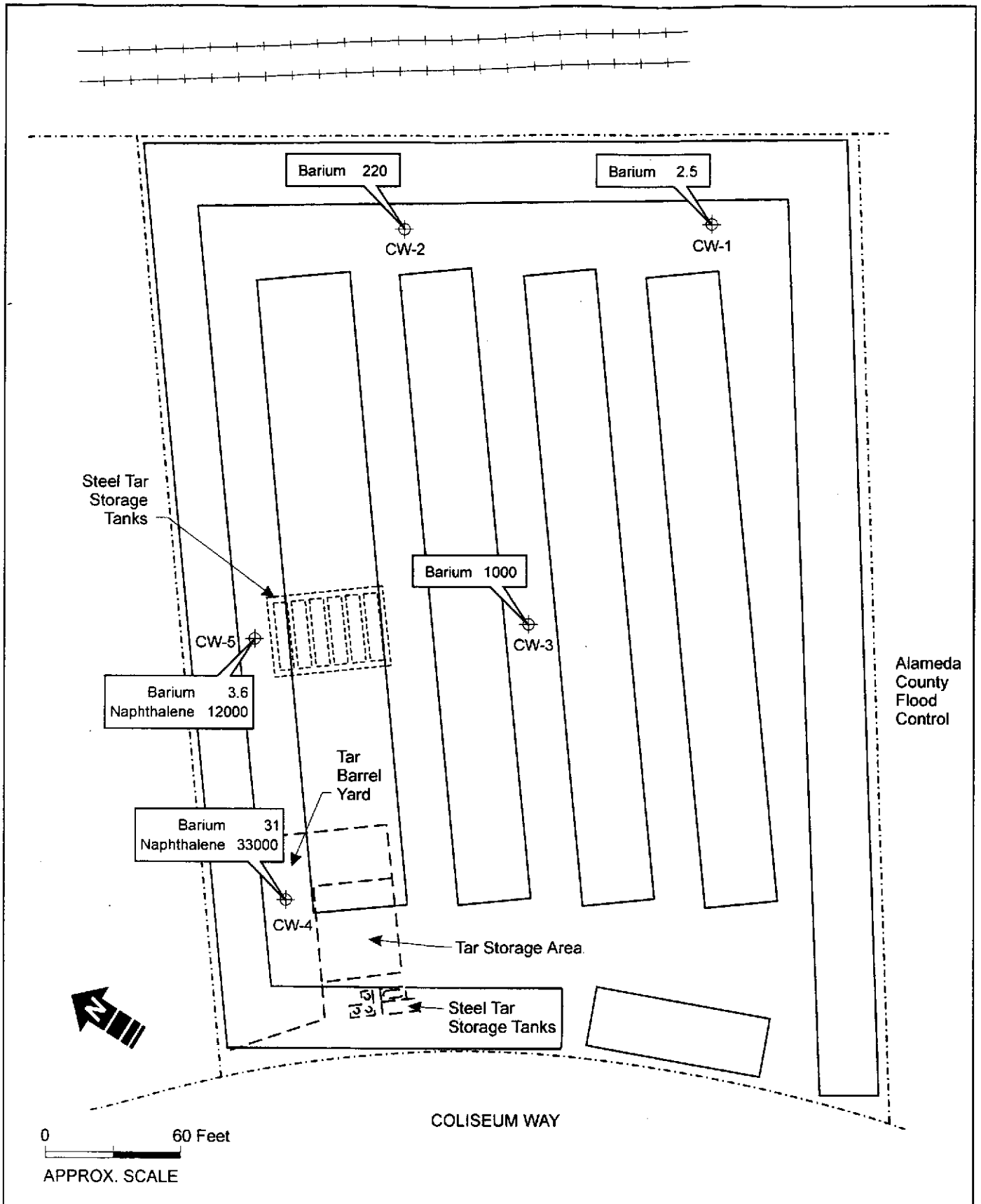
LEGEND:	
●	Sediment Sample
SED1	

SEDIMENT SAMPLE LOCATIONS

50th AVENUE STORM DRAIN
 OAKLAND, CALIFORNIA
 Clayton Project No. 69998.00

Figure
5
 10/10/96
 FIG3-9.CDR

Clayton
 ENVIRONMENTAL
 CONSULTANTS



LEGEND:	
-----	Property Boundary
⊕	Monitoring Well
CW-1	

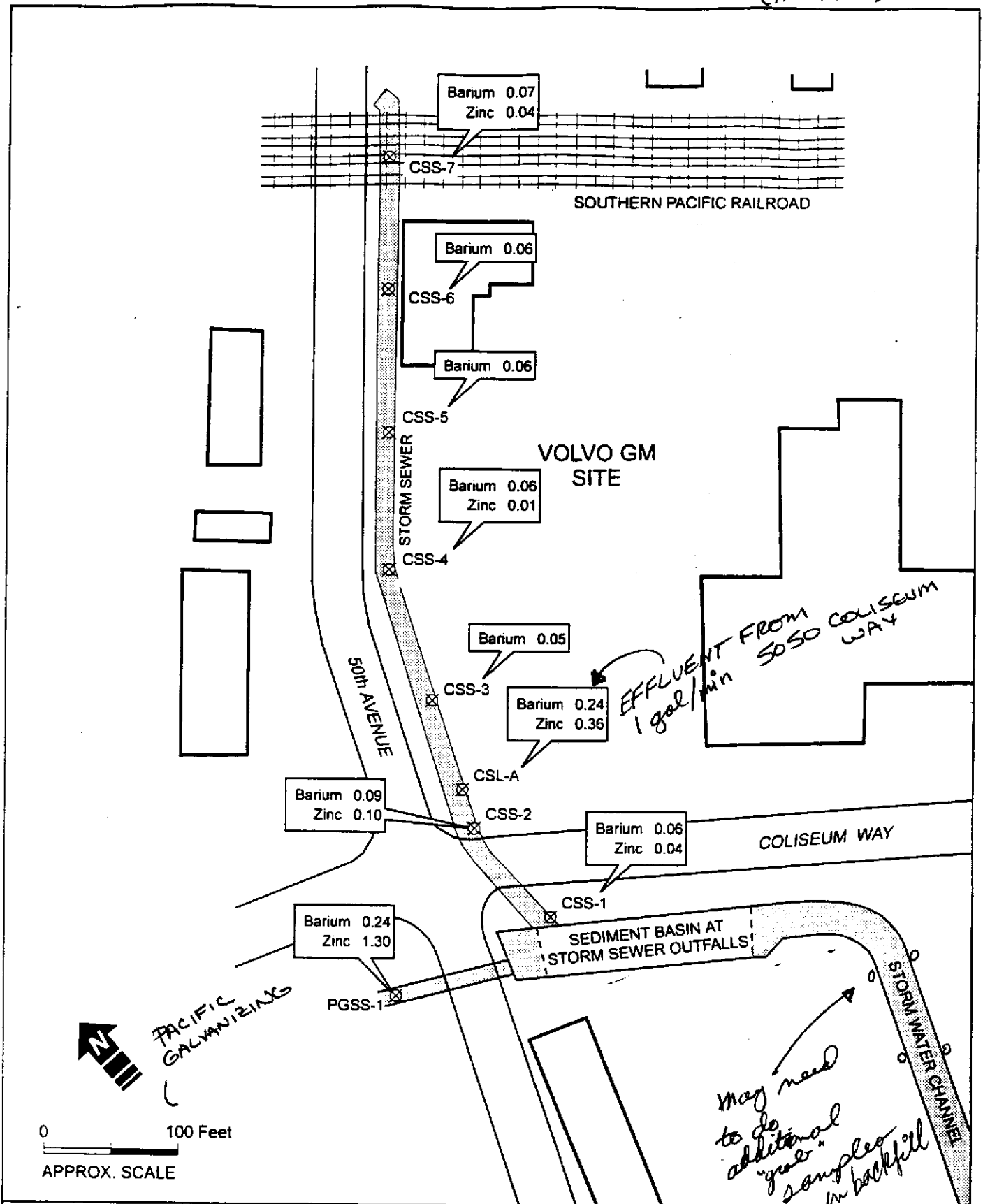
GROUNDWATER RESULTS

5200 COLISEUM WAY
 OAKLAND, CALIFORNIA
 Clayton Project No.69998.00

Figure
6
 10/10/96
 FIG2-6.CDR

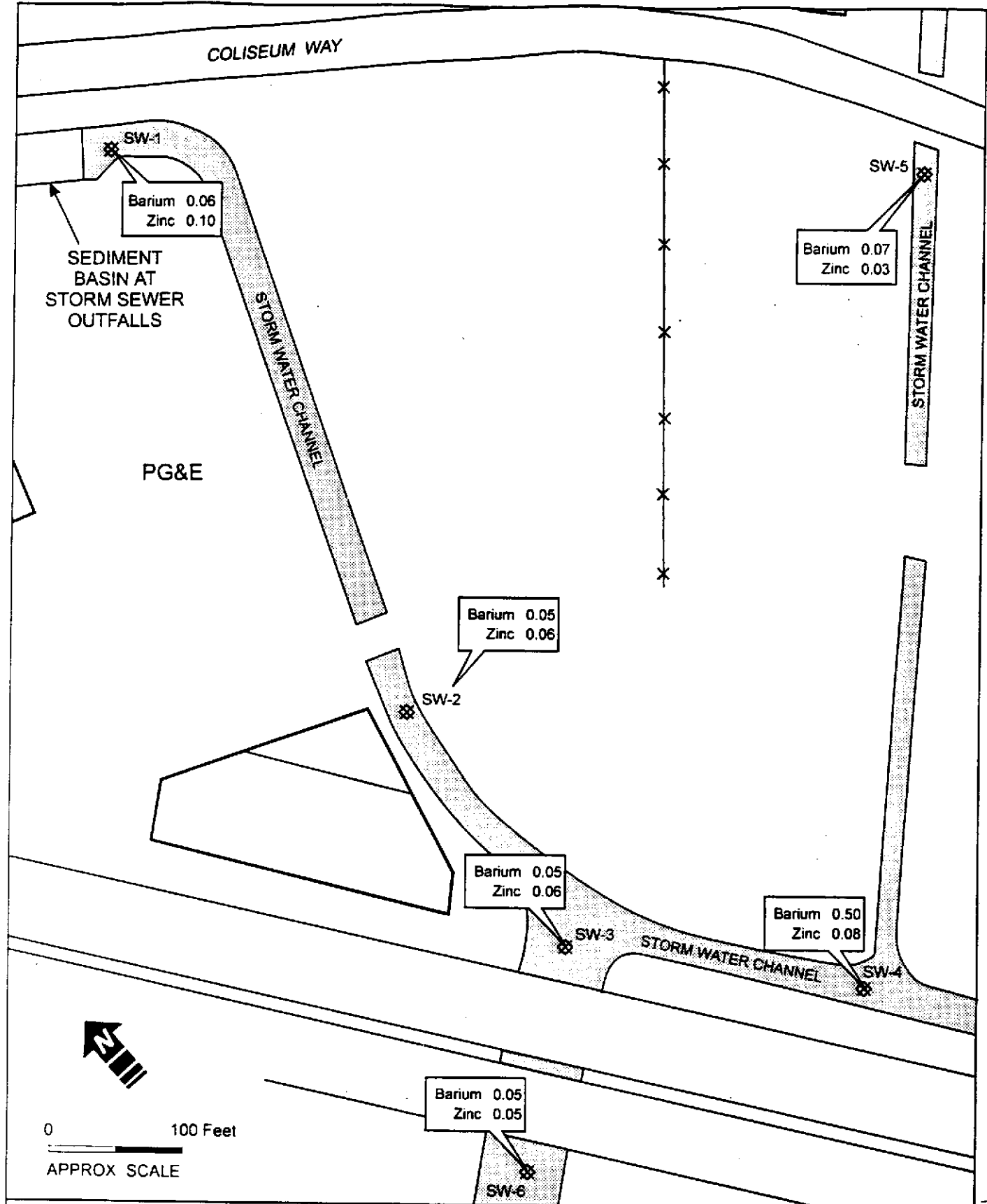
Clayton
 ENVIRONMENTAL
 CONSULTANTS

(IN PPM)



LEGEND ☒ Storm Sewer Sample CSS-1	STORM SEWER SAMPLE RESULTS 50th AVENUE STORM DRAIN OAKLAND, CALIFORNIA Clayton Project No. 89998.00	Figure 7 10/10/96 FIG3-9.CDR	Clayton ENVIRONMENTAL CONSULTANTS
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(IN PPM)



LEGEND	
☒	Surface Water Sample Point
SW-1	

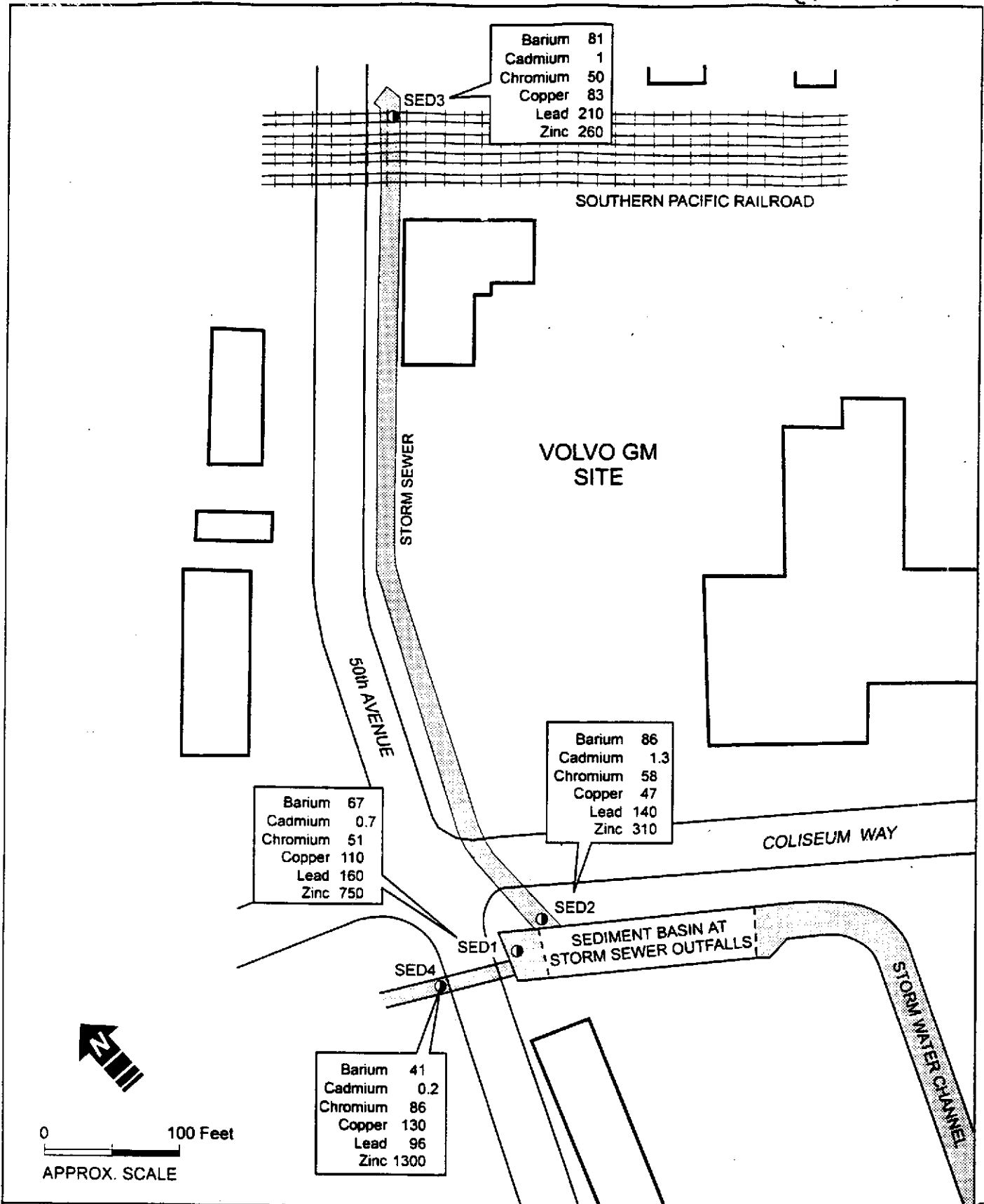
SURFACE WATER SAMPLE RESULTS

50th AVENUE STORM DRAIN
 OAKLAND, CALIFORNIA
 Clayton Project No. 69998.00

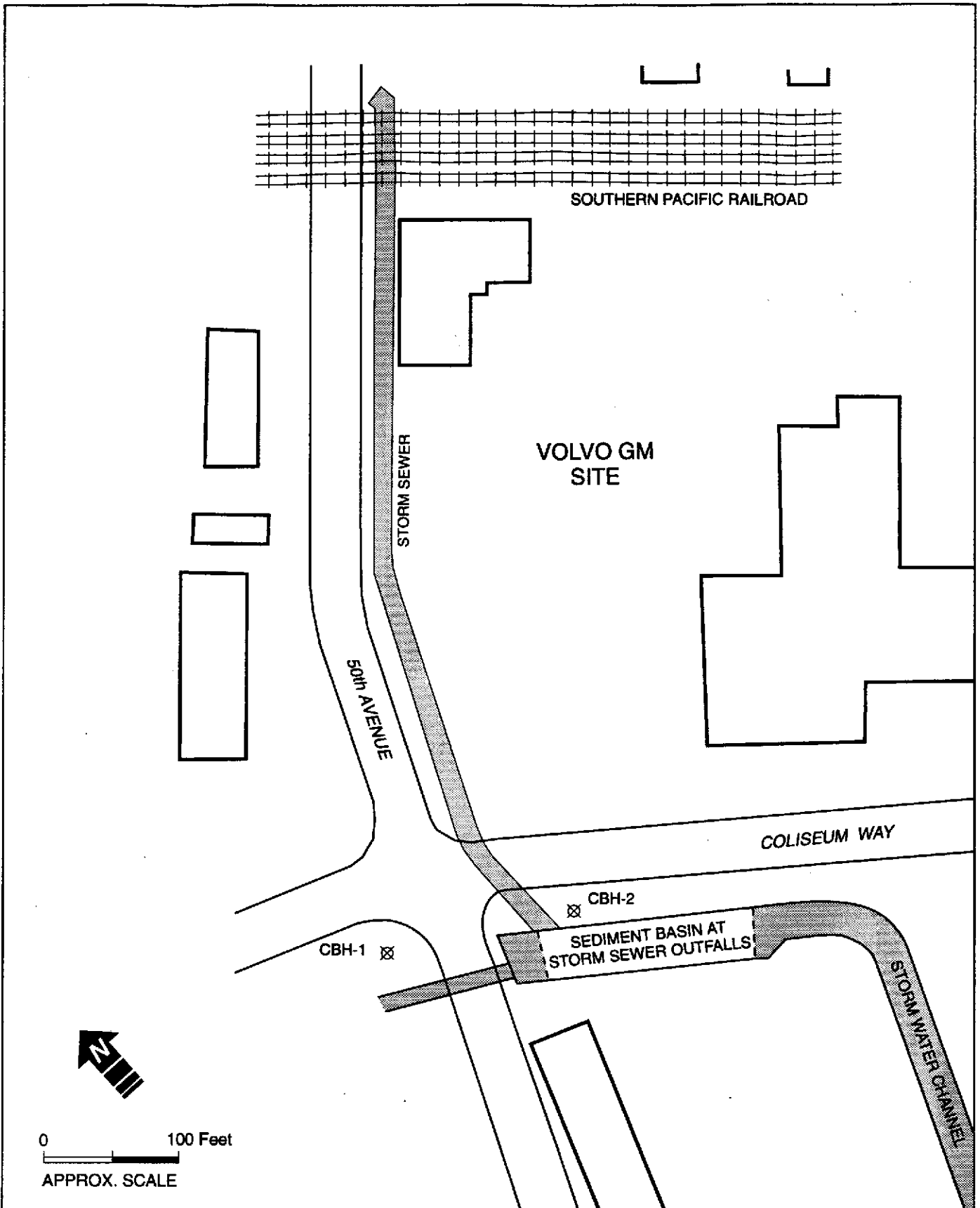
Figure
8
 10/10/96
 FIG4-8.CDR

Clayton
 ENVIRONMENTAL
 CONSULTANTS

(IN PPM)



<p>LEGEND:</p> <p>● Sediment Sample</p> <p>SED1</p>	<p>SEDIMENT SAMPLE RESULTS</p> <p>50th AVENUE STORM DRAIN OAKLAND, CALIFORNIA</p> <p>Clayton Project No. 69998.00</p>	<p>Figure</p> <p>9</p> <p>10/10/96 FIG3-9.CDR</p>	<p>Clayton ENVIRONMENTAL CONSULTANTS</p>
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LEGEND:

⊗ Groundwater Grab Sampling Location

CBH-1

**GROUNDWATER GRAB
SAMPLE LOCATIONS**

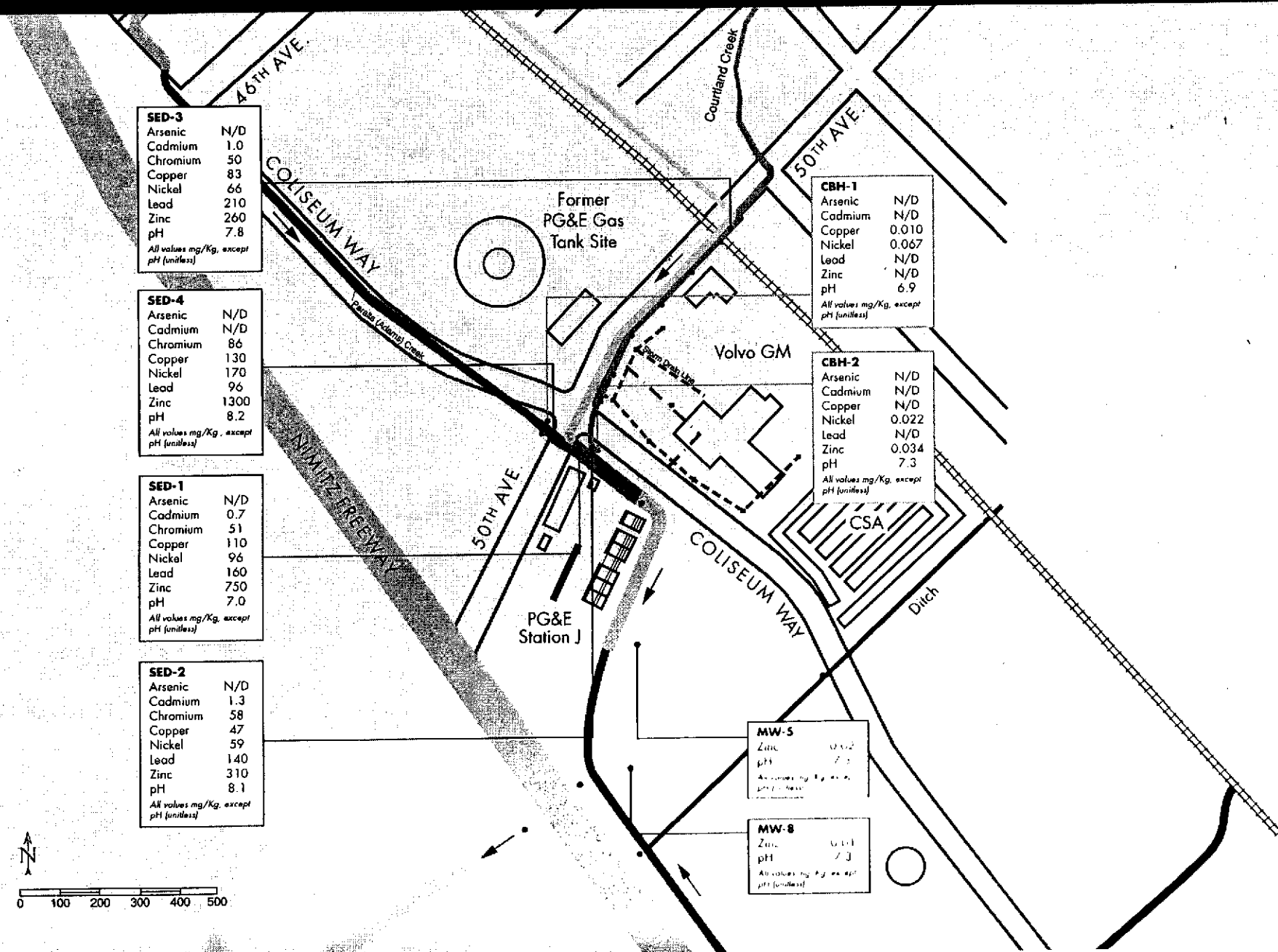
50th AVENUE STORM DRAIN
OAKLAND, CALIFORNIA

Clayton Project No. 69998.00

Figure
10
10/10/96
FIG3-9.CDR

Clayton
ENVIRONMENTAL
CONSULTANTS

Sediment & Groundwater Samples



Storm Drain Samples

CSS-6

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	N/D
pH	8.2
Chloride	150
Sulfate	40

All values mg/L, except pH (unitless)

CSS-4

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.01
pH	8.2
Chloride	200
Sulfate	47

All values mg/L, except pH (unitless)

CSL-A

Arsenic	N/D
Cadmium	N/D
Chromium	0.01
Copper	0.06
Nickel	N/D
Lead	0.07
Zinc	0.36
pH	7.4
Chloride	24
Sulfate	19

All values mg/L, except pH (unitless)

PGSS-1

Arsenic	N/D
Cadmium	N/D
Chromium	0.03
Copper	0.09
Nickel	N/D
Lead	0.13
Zinc	1.30
pH	7.3
Chloride	14000
Sulfate	1500

All values mg/L, except pH (unitless)

CSS-1

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.04
pH	8.1
Chloride	1000
Sulfate	130

All values mg/L, except pH (unitless)

CSS-2

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	0.02
Nickel	N/D
Lead	N/D
Zinc	0.10
pH	8.2
Chloride	340
Sulfate	64

All values mg/L, except pH (unitless)

CSS-3

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	N/D
pH	8.2
Chloride	210
Sulfate	48

All values mg/L, except pH (unitless)

CSS-5

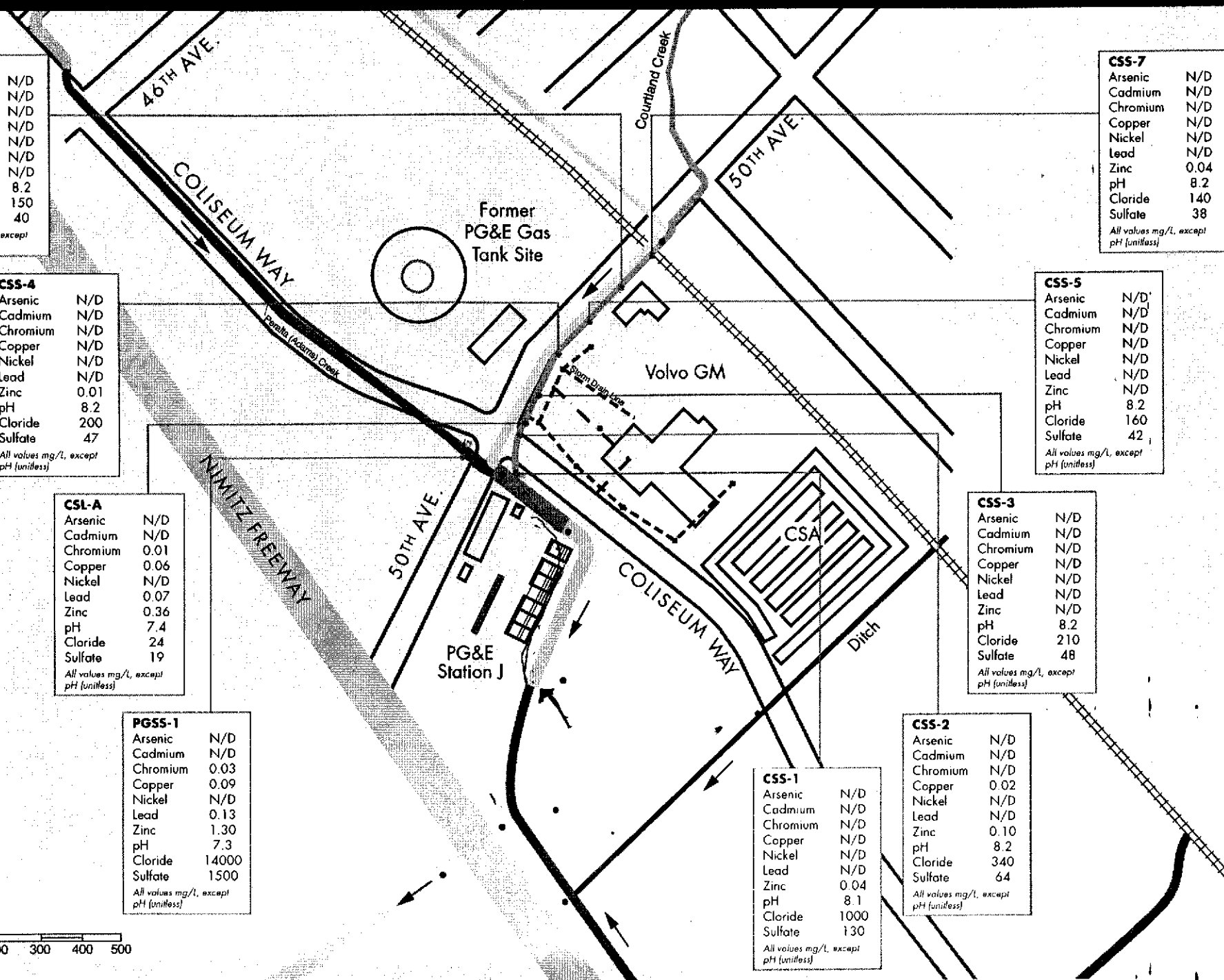
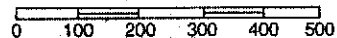
Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	N/D
pH	8.2
Chloride	160
Sulfate	42

All values mg/L, except pH (unitless)

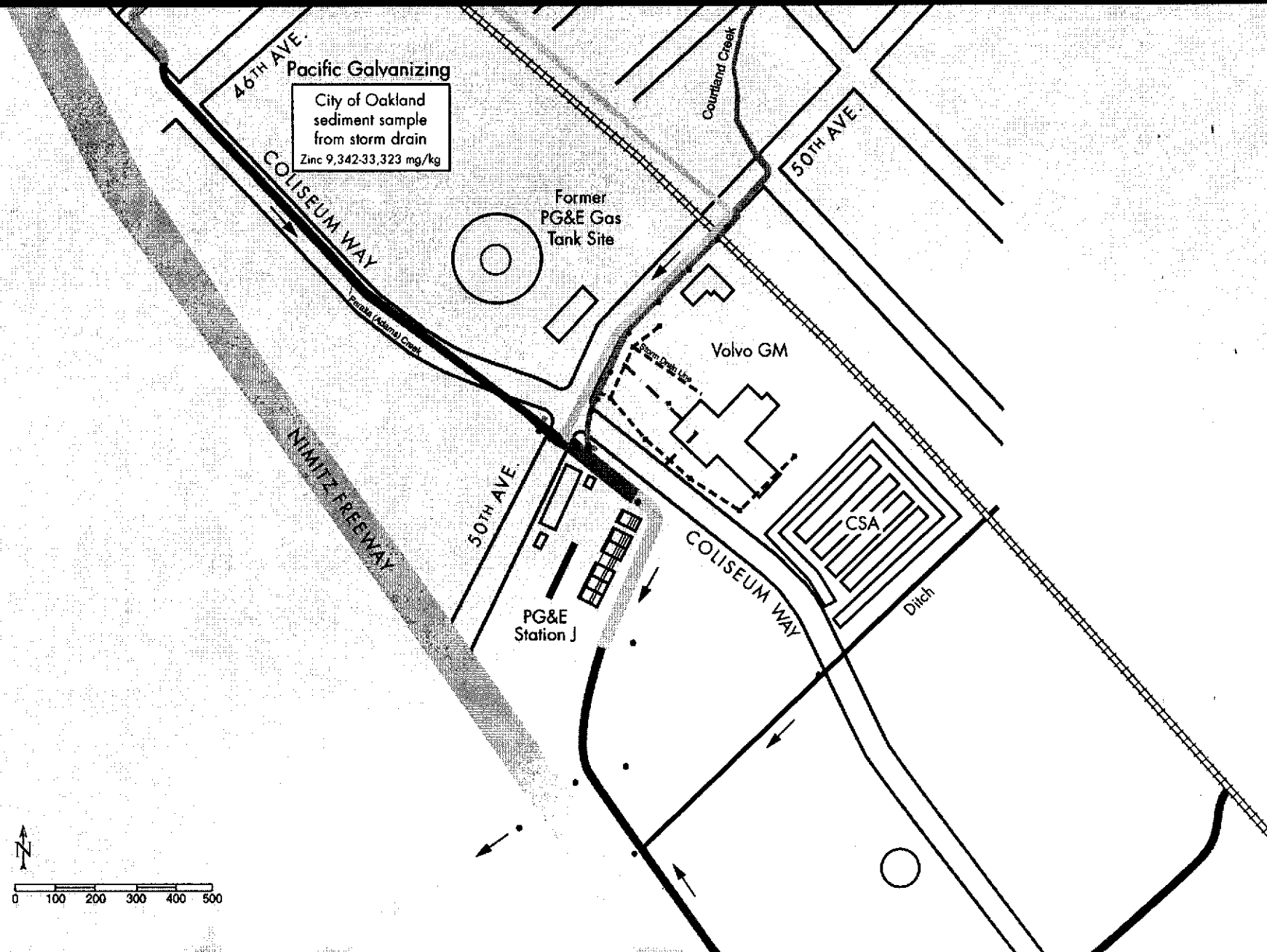
CSS-7

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.04
pH	8.2
Chloride	140
Sulfate	38

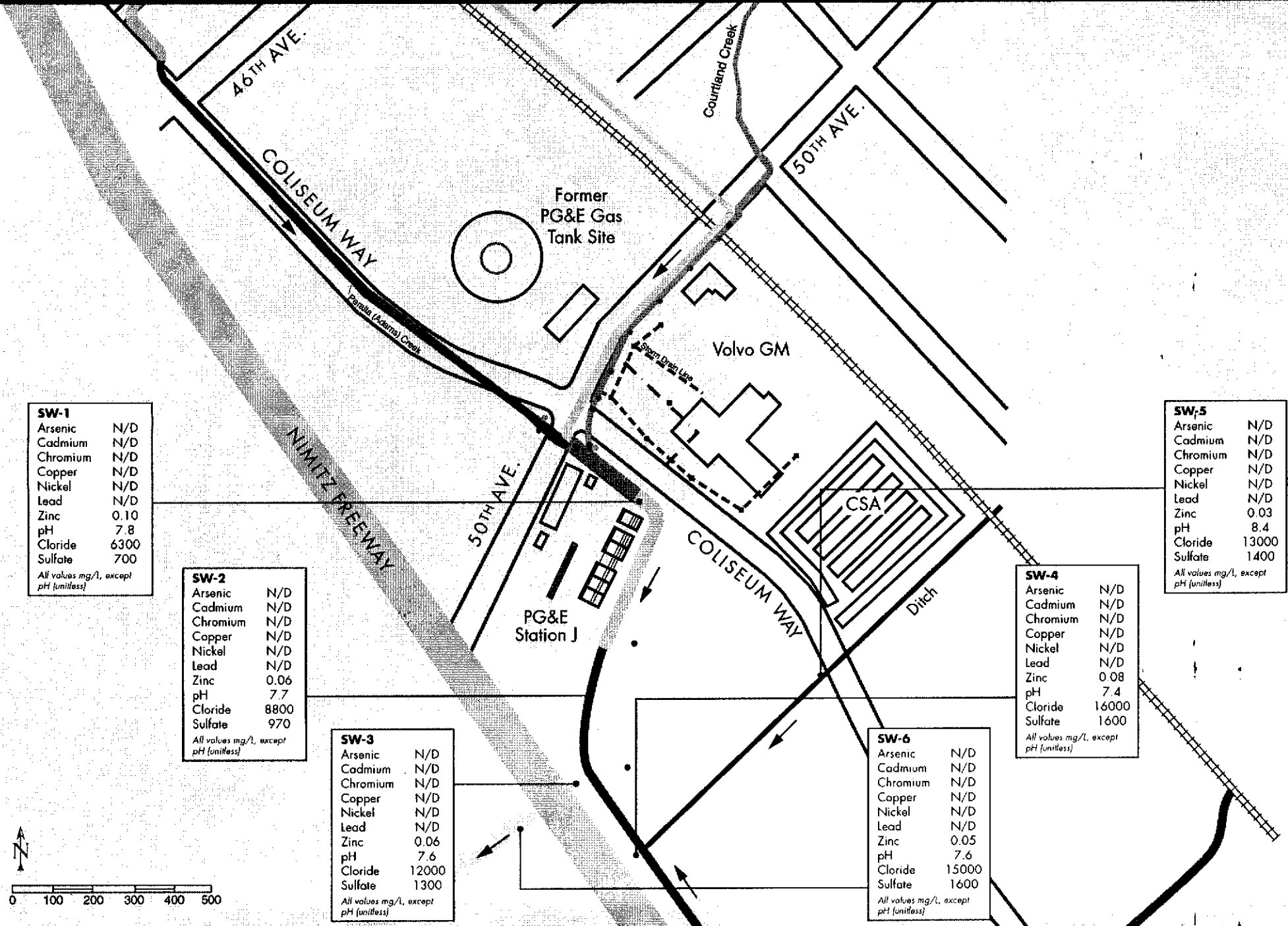
All values mg/L, except pH (unitless)



Sediment & Groundwater Samples



Surface Water Channel Samples



SW-1

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.10
pH	7.8
Chloride	6300
Sulfate	700

All values mg/L, except pH (unitless)

SW-2

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.06
pH	7.7
Chloride	8800
Sulfate	970

All values mg/L, except pH (unitless)

SW-3

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.06
pH	7.6
Chloride	12000
Sulfate	1300

All values mg/L, except pH (unitless)

SW-6

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.05
pH	7.6
Chloride	15000
Sulfate	1600

All values mg/L, except pH (unitless)

SW-4

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.08
pH	7.4
Chloride	16000
Sulfate	1600

All values mg/L, except pH (unitless)

SW-5

Arsenic	N/D
Cadmium	N/D
Chromium	N/D
Copper	N/D
Nickel	N/D
Lead	N/D
Zinc	0.03
pH	8.4
Chloride	13000
Sulfate	1400

All values mg/L, except pH (unitless)

