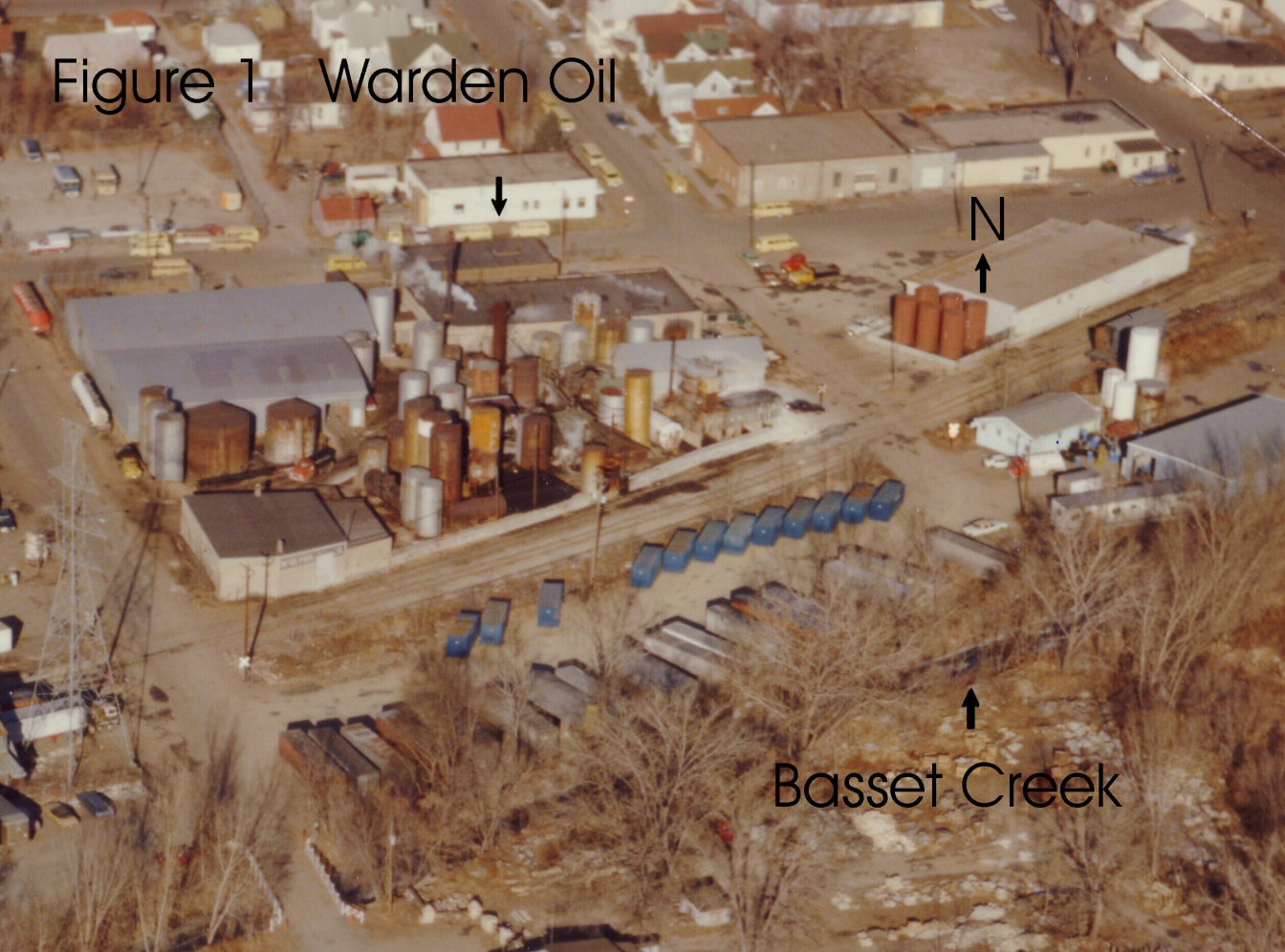


Figure 1 Warden Oil



N

Basset Creek

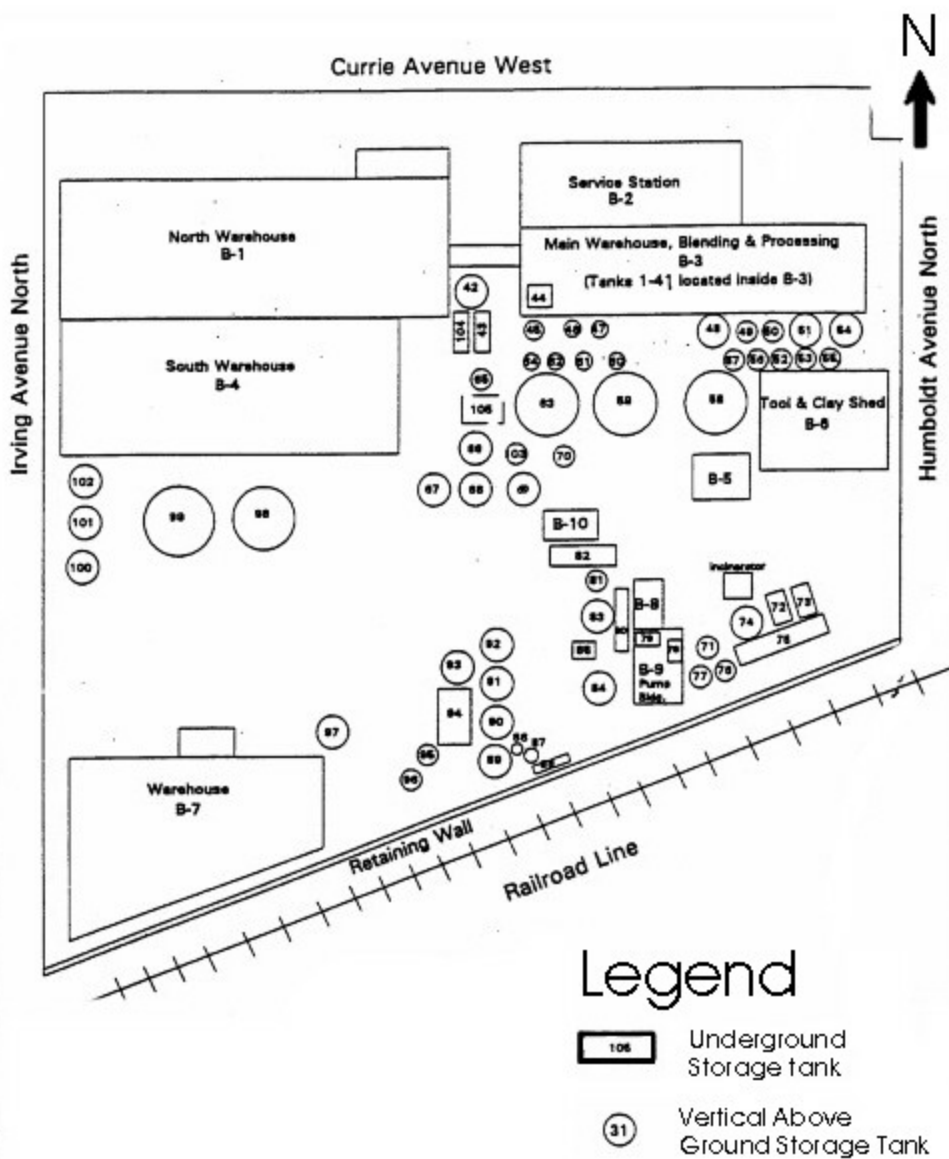


Figure 2 Warden Oil

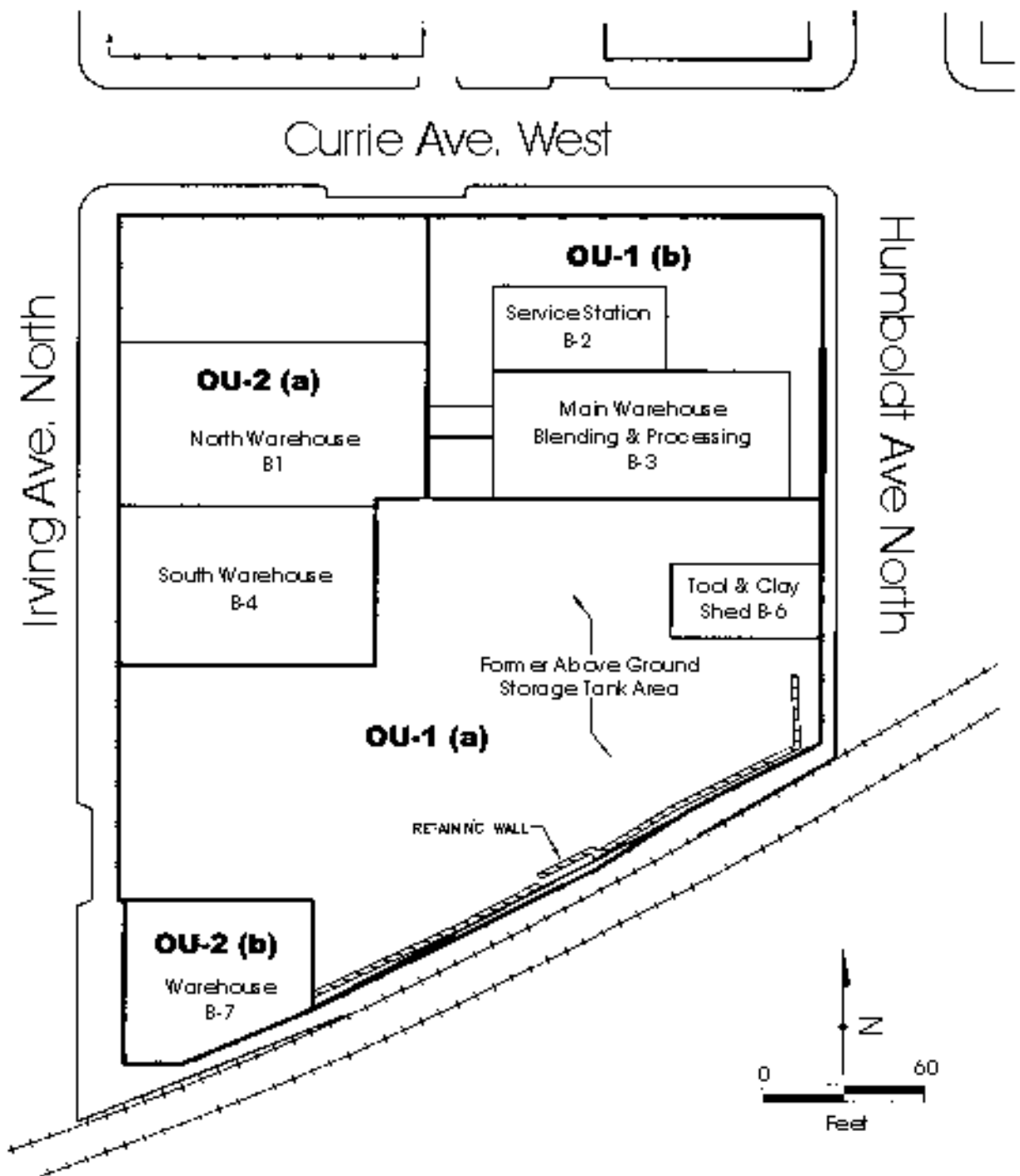


Figure 3 Warden Oil Operable Units

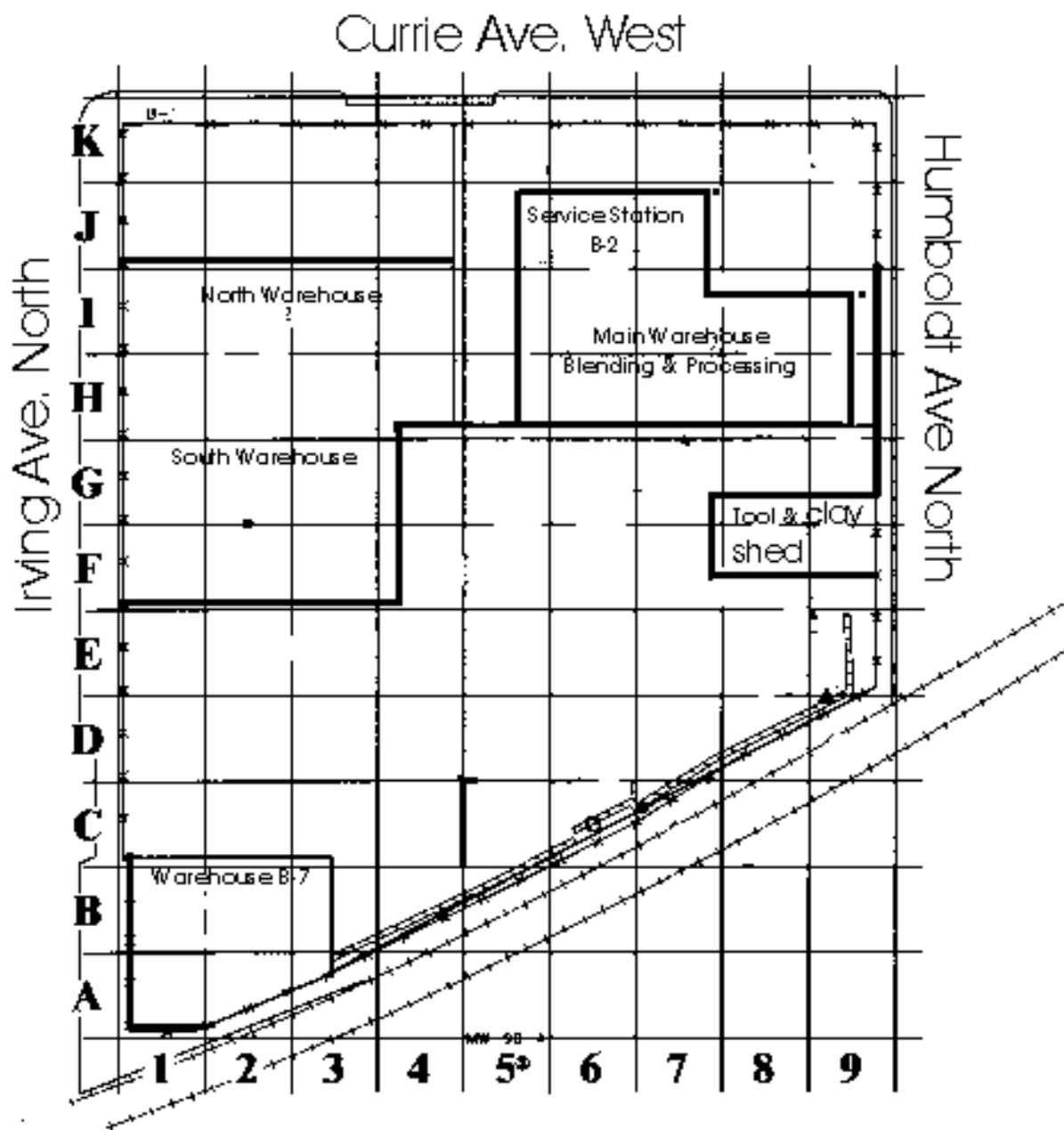


Figure 4
Warden Oil Excavation Grid

Table 1

Warden Oil Site Soil Lead Data (Mobile Lab)

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
J9 Comp	OU-1	10/20/04	0-8	28
K9 Comp	OU-1	10/20/04	0-8	300
I8 Comp	OU-1	10/20/04	0-6	110
I9 Comp	OU-1	10/20/04	0-6	11
H9 Comp	OU-1	10/20/04	0-6	100
G9 Comp	OU-1	10/20/04	0-6	240
D7 Comp	OU-1	10/20/04	0-6	98
D8 Comp	OU-1	10/20/04	0-4	11
E7 Comp	OU-1	10/20/04	0-4	120
E9 Comp	OU-1	10/20/04	0-7	160
F9 Comp	OU-1	10/20/04	0-6	160
E8 Comp	OU-1	10/20/04	0-1.5	110
F7 Comp	OU-1	10/20/04	0-8	1500
G7 Comp	OU-1	10/20/04	0-6	290
G8 Comp	OU-1	10/20/04	0-7	90
H7 Comp	OU-1	10/20/04	0-6	<10
H8 Comp	OU-1	10/20/04	0-6	10
I7 Comp	OU-1	10/20/04	0-5	190
J6 Comp	OU-1	10/20/04	0-8	130
C7 Comp	OU-1	10/21/04	0-6	1100
E7-2 Comp	OU-1	10/21/04	0-6.5	74
F7-2 Comp	OU-1	10/21/04	0-6	70
G7-2 Comp	OU-1	10/21/04	0-6	270
H7-2 Comp	OU-1	10/21/04	0-4	100
I7-2 Comp	OU-1	10/21/04	0-5	<10
J5 Comp	OU-1	10/21/04	0-8	110
I6 Comp	OU-1	10/21/04	0-8	1500
J6 Comp	OU-1	10/21/04	0-7	800
F6 Comp	OU-1	10/21/04	0-7	170
H6 Comp	OU-1	10/21/04	0-7	880
G6 Comp	OU-1	10/21/04	0-8	250
D6 Comp	OU-1	10/21/04	0-6	130
B3 Comp	OU-1	10/21/04	0-5	45
MN RSRV (1999)				400

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
E6 Comp	OU-1	10/21/04	0-6	39
C2 Comp	OU-1	10/21/04	0-7	160
C3 Comp	OU-1	10/21/04	0-6	95
E4 Comp	OU-1	10/21/04	0-6	220
E5 Comp	OU-1	10/21/04	0-8	45
F4 Comp	OU-1	10/21/04	0-6	160
E9-WL-E	OU-1	10/25/04	5	170
E9-B	OU-1	10/25/04	10	380
D9-WL	OU-1	10/25/04	5	NA
D7-B	OU-1	10/25/04	10	280
D7-WL	OU-1	10/25/04	8	480
C6-B	OU-1	10/25/04	10	270
C5-WL	OU-1	10/25/04	8	170
B4-B	OU-1	10/25/04	8	430
B4-WL	OU-1	10/25/04	6	1700
D6-B	OU-1	10/26/04	10	520
C4-B	OU-1	10/26/04	10	39
B4-B2	OU-1	10/26/04	10	2100
B4-WL2	OU-1	10/26/04	8	59
F9-WL	OU-1	10/27/04	4	80
F7-B	OU-1	10/27/04	6	620
E7-B2	OU-1	10/27/04	6	<10
E6-B	OU-1	10/27/04	8	18
E6-B2	OU-1	10/27/04	8	83
E5-B	OU-1	10/27/04	10	52
D5-B2	OU-1	10/27/04	11	210
D4-B* (C4-B)	OU-1	10/27/04	8	930
D4-B2* (C4-B)	OU-1	10/27/04	8	380
C4-B2* (C3-B2)	OU-1	10/28/04	8	1500
C3-B	OU-1	10/28/04	8	550
Tank North	OU-1	10/28/04	Composite	120
Tank South	OU-1	10/28/04	Composite	300
Tank TCLP	OU-1	10/28/04	5	530
MN RSRV (1999)				400

Notes:

* = These sampling locations were mislabeled during sampling. The correct sample location is the grid square in parentheses.

mg/kg = milligrams per kilogram;

MN RSRV = Minnesota Residential Soil Reference Value (mg/kg)

BOLD indicates concentration equals or exceeds the MN RSRV

Table 1 Cont.

Warden Oil Site Soil Lead Data (Mobile Lab)

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
D1-B	OU-1	11/12/04	8	450
D1-B2	OU-1	11/12/04	8	890
A1 - Comp	OU-2(b)	10/20/04	0-2	110
G9-B	OU-1	11/03/04	4	99
F8-B2	OU-1	11/03/04	4	120
G8-B	OU-1	11/03/04	4	54
E6-B3	OU-1	11/03/04	7	220
E7-B3	OU-1	11/03/04	6	170
F6-B	OU-1	11/03/04	7	64
F7-B2	OU-1	11/03/04	6	<10
G8-B2	OU-1	11/04/04	5	250
G9-B2	OU-1	11/04/04	4	<10
G7-B2	OU-1	11/04/04	6	69
G6-B	OU-1	11/04/04	7	410
G6-B2	OU-1	11/04/04	7	200
H9-WL	OU-1	11/04/04	7	180
H9-B	OU-1	11/04/04	7	390
H8-B	OU-1	11/04/04	7	36
H8-B2	OU-1	11/04/04	7	25
H7-B	OU-1	11/05/04	6	48
H7-B2	OU-1	11/05/04	6	2200
I9-WL	OU-1	11/05/04	6	61
I9 -B	OU-1	11/05/04	10	350
I8-B	OU-1	11/05/04	10	1400
I8-B2	OU-1	11/05/04	10	2100
J9-WL	OU-1	11/05/04	6	121
J9-B	OU-1	11/05/04	10	22
J9-B2	OU-1	11/05/04	11	4700
J9-B3	OU-1	11/08/04	10	14
K9-WL-N	OU-1	11/08/04	5	72
K9-WL-E	OU-1	11/08/04	5	110
K9-B	OU-1	11/08/04	10	14
K9-B2	OU-1	11/08/04	10	14
J8-B2	OU-1	11/08/04	10	18
MN RSRV (1999)				400

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
K8-B	OU-1	11/08/04	12	16
I7-B	OU-1	11/08/04	6	30
I7-B2	OU-1	11/08/04	10	16
J7-B2	OU-1	11/09/04	10	17
K7-B2	OU-1	11/9/2004	10	17
J5-WL	OU-1	11/10/04	8	140
K5-WL-N	OU-1	11/10/04	8	41
K5-B	OU-1	11/10/04	10	30
K5-WL-W	OU-1	11/10/04	6	25
I5-WL	OU-1	11/10/04	7	74
I5-B	OU-1	11/10/04	10	23
H5-WL	OU-1	11/10/04	6	100
H5-B	OU-1	11/10/04	10	18
H5-B2	OU-1	11/10/04	10	20
G5-B2	OU-1	11/11/04	10	18
G4-WL	OU-1	11/11/04	6	400
G4-B	OU-1	11/11/04	9	14
G4-B2	OU-1	11/11/04	9	11
F5-B	OU-1	11/11/04	9	1100
F5-B2	OU-1	11/11/04	9	<10
F4-B	OU-1	11/11/04	9	25
F4-B2	OU-1	11/11/04	9	1000
F4-WL	OU-1	11/11/04	6	310
E4-B3	OU-1	11/11/04	8	1300
E3-WL	OU-1	11/11/04	4	180
E3-B	OU-1	11/11/04	7	3100
D3-B	OU-1	11/11/04	6	150
C1-WL-S	OU-1	11/12/04	3	340
C1-WL-W	OU-1	11/12/04	3	11
C1-B	OU-1	11/12/04	7	290
C1-B2	OU-1	11/12/04	7	310
C2-B	OU-1	11/12/04	7	740
D3-B (2)	OU-1	11/12/04	8	630
D1-WL	OU-1	11/12/04	3	<10
MN RSRV (1999)				400

Notes:

* = These sampling locations were mislabeled during sampling. The correct sample location is the grid square in parentheses.

mg/kg = milligrams per kilogram;

MN RSRV = Minnesota Residential Soil Reference Value (mg/kg)

BOLD indicates concentration equals or exceeds the MN RSRV

Table 1 Cont.

Warden Oil Site Soil Lead Data (Mobile Lab)

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
D2-B2	OU-1	11/12/04	8	85
E1-B	OU-1	11/12/04	8	15
E1-B2	OU-1	11/12/04	8	1100
E2-B	OU-1	11/12/04	8	180
E2-B2	OU-1	11/12/04	8	150
B3-WL	OU-2(a)	11/15/04	4	360
I4-B2	OU-2(a)	11/15/04	4	860
F3-SP	OU-2(a)	11/15/04	Composite	61
G2-SP	OU-2(a)	11/15/04	Composite	73
H1-SP	OU-2(a)	11/15/04	Composite	370
H3-SP	OU-2(a)	11/15/04	Composite	150
K2-SP	OU-2(a)	11/15/04	Composite	390
H4-B	OU-2(a)	11/16/04	4	39
H4-B2	OU-2(a)	11/16/04	4	<10
A1 - Comp	OU-2(b)	10/20/04	2-4	83
A1-WL-N	OU-2(b)	10/20/04	2	NA
MN RSRV (1999)				400

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
A1-WL-E	OU-2(b)	10/20/04	2	NA
A1-WL-S	OU-2(b)	10/20/04	2	NA
A1-WL-W	OU-2(b)	10/20/04	2	NA
A1-B-N	OU-2(b)	10/20/04	4	NA
A1-B-S	OU-2(b)	10/20/04	4	NA
A1-SP (0-2')	OU-2(b)	10/20/04	0-2	NA
A1-SP (2-4')	OU-2(b)	10/20/04	2-4	NA
B2 - Comp	OU-2(b)	10/20/04	0-2	400
B2 - Comp	OU-2(b)	10/20/04	2-4	280
B2-WL-W	OU-2(b)	10/20/04	2	3200
B2-B-S	OU-2(b)	10/20/04	4	1200
B2-WL-S	OU-2(b)	10/20/04	2	240
B2-WL-E	OU-2(b)	10/20/04	2	<10
B2-WL-N	OU-2(b)	10/20/04	2	49
B2-B-N	OU-2(b)	10/20/04	4	47
A2, B2, C2, Stab	OU-2(b)	11/11/04	2-4 Comp	130
MN RSRV (1999)				400

Notes:

* = These sampling locations were mislabeled during sampling. The correct sample location is the grid square in parentheses.

mg/kg = milligrams per kilogram;

MN RSRV = Minnesota Residential Soil Reference Value (mg/kg)

BOLD indicates concentration equals or exceeds the MN RSRV

Table 1 Cont.

Warden Oil Site Soil Lead Data (Mobile Lab)

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
D2-B2	OU-1	11/12/04	8	85
E1-B	OU-1	11/12/04	8	15
E1-B2	OU-1	11/12/04	8	1100
E2-B	OU-1	11/12/04	8	180
E2-B2	OU-1	11/12/04	8	150
B3-WL	OU-2(a)	11/15/04	4	360
I4-B2	OU-2(a)	11/15/04	4	860
F3-SP	OU-2(a)	11/15/04	Composite	61
G2-SP	OU-2(a)	11/15/04	Composite	73
H1-SP	OU-2(a)	11/15/04	Composite	370
H3-SP	OU-2(a)	11/15/04	Composite	150
K2-SP	OU-2(a)	11/15/04	Composite	390
H4-B	OU-2(a)	11/16/04	4	39
H4-B2	OU-2(a)	11/16/04	4	<10
A1 - Comp	OU-2(b)	10/20/04	2-4	83
A1-WL-N	OU-2(b)	10/20/04	2	NA
MN RSRV (1999)				400

Sample ID	Location	Date	Depth (feet)	Mobile Lab
				Total Lead mg/kg
A1-WL-E	OU-2(b)	10/20/04	2	NA
A1-WL-S	OU-2(b)	10/20/04	2	NA
A1-WL-W	OU-2(b)	10/20/04	2	NA
A1-B-N	OU-2(b)	10/20/04	4	NA
A1-B-S	OU-2(b)	10/20/04	4	NA
A1-SP (0-2')	OU-2(b)	10/20/04	0-2	NA
A1-SP (2-4')	OU-2(b)	10/20/04	2-4	NA
B2 - Comp	OU-2(b)	10/20/04	0-2	400
B2 - Comp	OU-2(b)	10/20/04	2-4	280
B2-WL-W	OU-2(b)	10/20/04	2	3200
B2-B-S	OU-2(b)	10/20/04	4	1200
B2-WL-S	OU-2(b)	10/20/04	2	240
B2-WL-E	OU-2(b)	10/20/04	2	<10
B2-WL-N	OU-2(b)	10/20/04	2	49
B2-B-N	OU-2(b)	10/20/04	4	47
A2, B2, C2, Stab	OU-2(b)	11/11/04	2-4 Comp	130
MN RSRV (1999)				400

Notes:

* = These sampling locations were mislabeled during sampling. The correct sample location is the grid square in parentheses.

mg/kg = milligrams per kilogram;

MN RSRV = Minnesota Residential Soil Reference Value (mg/kg)

BOLD indicates concentration equals or exceeds the MN RSRV

Table 2

Warden Oil Site Soil Metals Data (Fixed Lab)

Sample ID	Location	Date	Depth (feet)	Fixed Lab (Pace Analytical)							
				Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium mg/kg	Lead mg/kg	Selenium mg/kg	Silver mg/kg	Mercury mg/kg
C6-WL	OU-1	10/25/04	5	19.2	321	0.2	12.7	733	<0.78	7.2	2.1
C5-B	OU-1	10/25/04	10	14.1	536	0.42	15.7	409	<1.0	1	1.7
D4-B	OU-1	11/02/04	6	19.2	223	1.9	9.9	500	<0.78	<0.52	0.74
C3-B	OU-1	11/02/04	7	16.3	758	4	32.3	1620	<1.7	0.83	1.3
G9-WL	OU-1	11/04/04	4	1.6	123	<0.051	19.8	9.6	<0.76	<0.51	0.032
G7-B	OU-1	11/04/04	6	9.6	1390	26.2	36.9	3230	<1.3	4.2	29.1
J8-B	OU-1	11/08/04	9	<0.82	225	0.25	3.1	1.2	24.3	1.6	<0.035
K8-WL	OU-1	11/08/04	5	0.48	50	0.081	17.1	36.3	<0.71	0.77	0.067
G5-B	OU-1	11/11/04	10	6.4	109	0.22	21.0	13.5	<0.94	0.72	0.073
H4-WL	OU-1	11/11/04	6	<0.73	328	0.20	11.6	3.2	14.0	1.3	<0.032
D2-B	OU-1	11/12/04	8	47.7	303	0.53	16.6	369	<0.84	<0.56	0.30
E1-WL-W	OU-1	11/12/04	3	3.8	69.2	0.07	12.7	57.9	<0.77	<0.51	0.13
I4-B	OU-2(a)	11/15/04	4	6.1	64.2	<0.054	8.4	60.4	<0.82	<0.54	0.12
K4-WL	OU-2(a)	11/17/04	3	NA	NA	NA	NA	68.9	NA	NA	NA
K4-B	OU-2(a)	11/17/04	3	NA	NA	NA	NA	12.6	NA	NA	NA
K3-WL	OU-2(a)	11/17/04	3	NA	NA	NA	NA	57.2	NA	NA	NA
K3-B	OU-2(a)	11/17/04	4	NA	NA	NA	NA	33.3	NA	NA	NA
J3-B	OU-2(a)	11/17/04	4	NA	NA	NA	NA	1090	NA	NA	NA
I3-B	OU-2(a)	11/17/04	4	NA	NA	NA	NA	1390	NA	NA	NA
G3-B	OU-2(a)	11/17/04	4	NA	NA	NA	NA	7.4	NA	NA	NA
F3-B	OU-2(a)	11/17/04	4	NA	NA	NA	NA	0.52	NA	NA	NA
K2-WL	OU-2(a)	11/18/04	2	NA	NA	NA	NA	8.3	NA	NA	NA
K2-B	OU-2(a)	11/18/04	4	NA	NA	NA	NA	15.6	NA	NA	NA
J2-B	OU-2(a)	11/18/04	4	NA	NA	NA	NA	37.5	NA	NA	NA
K1-B	OU-2(a)	11/18/04	4	NA	NA	NA	NA	23.1	NA	NA	NA
K1-WL-W	OU-2(a)	11/18/04	2	NA	NA	NA	NA	105	NA	NA	NA
K1-WL-N	OU-2(a)	11/18/04	2	NA	NA	NA	NA	20.6	NA	NA	NA
H3-B	OU-2(a)	11/18/04	4	NA	NA	NA	NA	336	NA	NA	NA
J1-WL	OU-2(a)	11/18/04	2	NA	NA	NA	NA	15.8	NA	NA	NA
J1-B	OU-2(a)	11/18/04	4	8.5	336	1.6	26.4	352	<0.95	0.67	0.35
H2-B	OU-2(a)	11/22/04	3	NA	NA	NA	NA	2.4	NA	NA	NA
F1-B	OU-2(a)	11/22/04	2.5	NA	NA	NA	NA	135	NA	NA	NA
F1-WL	OU-2(a)	11/22/04	1.5	NA	NA	NA	NA	111	NA	NA	NA
H1-WL	OU-2(a)	11/22/04	1.5	NA	NA	NA	NA	77.0	NA	NA	NA
H1-B	OU-2(a)	11/22/04	2.5	NA	NA	NA	NA	35.3	NA	NA	NA
G1-B	OU-2(a)	11/22/04	2.5	NA	NA	NA	NA	185	NA	NA	NA
G1-WL	OU-2(a)	11/22/04	1.5	2.8	113	<0.055	27.5	8.9	<0.82	<0.55	0.046
MN RSRV (1999)				10	1200	35	71**	400	170	170	0.7

Notes:

** = Denotes the concentration for chromium VI. Chromium III RSRV = 34,300 mg/kg.

NA = Not Analyzed

mg/kg = milligrams per kilogram; mg/L = milligrams per liter

MN RSRV = Minnesota Residential Soil Reference Value (mg/kg)

BOLD indicates concentration equals or exceeds the MN RSRV

Table 3

Warden Oil Site Soil Gasoline Range Organic Constituent Data

Sample ID	Location	Date	Depth (feet)	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,3,5-Trimethylbenzene	Benzene	Naphthalene	Xylene (total)
				ug/kg	ug/kg	ug/kg			
E9-WL-E	OU-1	10/25/2004	5	28300	9520	8960	573	13100	25500
E9	OU-1	10/25/2004	10	52500	17400	15300	<279	27600	<4190
D7	OU-1	10/25/2004	10	31900	2850	7100	147	23800	<850
F8	OU-1	10/27/2004	6	161000	32500	48100	2880	61100	139000
C3	OU-1	10/28/2004	8	30900	<2970	14300	<594	4290	<8910
G9	OU-1	11/3/2004	4	68100	10200	17400	644	31500	44300
F6	OU-1	11/3/2004	7	10000	1260	3470	<123	2300	6170
D2	OU-1	11/12/2004	8	6420	476	606	364	4640	4140
D9	OU-1	11/16/2004	4	101000	32800	30200	808	25400	73300
J1	OU-2(a)	11/18/2004	4	<330	<330	<330	<65.9	<330	<989
MN RSRV (ug/kg)		1999		5000	26000	4000	1500	10000	110000

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentrations equals or exceeds the MN RSRV

Table 4

Warden Oil Site Soil Semi-Volatile Organic Compound (SVOC) Data

Sample ID	Location	Date	Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzofuran
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
E9-WL-E	OU-1	10/25/04	5	<22400	<22400	<22400	<22400	<22400	<22400	<22400	<22400	<22400	<22400
E9-B	OU-1	10/25/04	10	<22300	<22300	<22300	<22300	<22300	<22300	<22300	<22300	<22300	<22300
C6-WL	OU-1	10/25/04	5	<42600	<42600	<42600	<42600	<42600	<42600	<42600	<42600	<42600	<42600
C5-B	OU-1	10/25/04	10	<28900	<28900	<28900	<28900	<28900	<28900	<28900	<28900	<28900	<28900
E7-B	OU-1	10/26/04	10	<37600	<37600	<37600	<37600	<37600	<37600	<37600	<37600	<37600	<37600
E5-B	OU-1	10/27/04	10	<2230	<2230	<2230	<2230	<22300	<22300	<22300	<22300	<2230	<2230
C3-B	OU-1	11/02/04	7	<39100	<39100	<39100	<39100	<39100	<39100	<39100	<39100	<39100	<39100
C2-WL	OU-1	11/02/04	4	<369	<369	<369	1230	652	1610	<369	<369	<369	<369
G9-WL	OU-1	11/04/04	4	<391	<391	<391	<391	<391	<391	<391	<391	<391	<391
G7-B	OU-1	11/04/04	6	<11700	<11700	<11700	<11700	<11700	<11700	<11700	<11700	<11700	<11700
I6-B	OU-1	11/09/04	10	<624	<624	<624	<624	<624	<624	<624	<624	<624	<624
G5-B	OU-1	11/11/04	10	<482	<482	<482	<482	<482	<482	<482	<482	<482	<482
H4-WL	OU-1	11/11/04	6	<518	<518	<518	<518	<518	<518	<518	<518	<518	<518
D2-B	OU-1	11/12/04	8	<4210	<4210	<84200	<84200	<84200	<84200	<84200	<84200	<84200	<4210
E1-WL-W	OU-1	11/12/04	3	<365	<365	<365	<365	<365	<365	<365	<365	<365	<365
I4-B	OU-2(a)	11/15/04	4	<1890	<1890	4720	8680	6740	6180	3300	6450	7950	<1890
J1-B	OU-2(a)	11/18/04	4	<431	<431	<431	<431	<431	<431	<431	<431	<431	<431
G2-B	OU-2(a)	11/18/04	2.5	656	960	2300	4740	4060	5980	3610	5800	4160	526
G1-WL	OU-2(a)	11/22/04	1.5	<402	<402	<402	<402	<402	<402	<402	<402	<402	<402
A1-WL-N	OU-2(b)	10/20/04	2	<1830	<1830	<1830	<1830	<1830	<1830	<1830	<1830	<1830	<1830
A1-WL-E	OU-2(b)	10/20/04	2	<20100	<20100	<20100	27400	<20100	35800	<20100	22600	22600	<20100
A1-WL-S	OU-2(b)	10/20/04	2	<20300	<20300	<20300	<20300	<20300	<20300	<20300	<20300	<20300	<20300
A1-WL-W	OU-2(b)	10/20/04	2	<1760	<1760	<1760	<1760	<1760	<1760	<1760	<1760	<1760	<1760
A1-B-N	OU-2(b)	10/20/04	4	<18400	<18400	<18400	47700	45300	77100	36400	46100	46100	<18400
A1-B-S	OU-2(b)	10/20/04	4	<18800	<18800	<18800	<18800	<18800	<18800	<18800	<18800	<18800	<18800
MN RSRV	(ug/kg)	1999		1200000		7880000		2000					104000

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentration equals or exceeds the MN RSRV

Table 4 cont.

Warden Oil Site Soil Semi-Volatile Organic Compound (SVOC) Data

Sample ID	Location	Date	Depth (feet)	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	1,2-Dichlorobenzene	Fluoranthene
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
E9-WL-E	OU-1	10/25/04	5	<22400	<22400	54700	49000	24800	<22400	<22400	<22400	<22400
E9-B	OU-1	10/25/04	10	<22300	<22300	54000	43600	26900	<22300	<22300	<22300	<22300
C6-WL	OU-1	10/25/04	5	<42600	<42600	<42600	<42600	<42600	<42600	<42600	<42600	<42600
C5-B	OU-1	10/25/04	10	<28900	<28900	<28900	<28900	<28900	<28900	<28900	<28900	<28900
E7-B	OU-1	10/26/04	10	<37600	<37600	<37600	<37600	<37600	<37600	<37600	<37600	<37600
E5-B	OU-1	10/27/04	10	<22300	<22300	11800	7130	3330	6880	9870	3030	5690
C3-B	OU-1	11/02/04	7	<39100	<39100	<39100	<39100	<39100	<39100	<39100	<39100	<39100
C2-WL	OU-1	11/02/04	4	<369	<369	<369	<369	<369	1390	1070	<369	1600
G9-WL	OU-1	11/04/04	4	<391	<391	<391	<391	<391	<391	<391	<391	<391
G7-B	OU-1	11/04/04	6	<11700	<11700	49600	23900	<11700	<11700	<11700	<11700	<11700
I6-B	OU-1	11/09/04	10	<624	<624	<624	<624	<624	<624	<624	<624	<624
G5-B	OU-1	11/11/04	10	<482	<482	<482	<482	<482	<482	<482	<482	<482
H4-WL	OU-1	11/11/04	6	<518	<518	<518	<518	<518	<518	<518	<518	<518
D2-B	OU-1	11/12/04	8	<4210	<84200	13100	15600	<4210	<84200	<84200	<4210	<84200
E1-WL-W	OU-1	11/12/04	3	<365	<365	<365	<365	<365	556	544	<365	669
I4-B	OU-2(a)	11/15/04	4	2390	3030	2360	3230	2780	14200	12600	<1890	15100
J1-B	OU-2(a)	11/18/04	4	<431	<431	<431	<431	<431	718	497	1840	510
G2-B	OU-2(a)	11/18/04	2.5	1020	2980	<387	<387	418	7620	9910	<387	9920
G1-WL	OU-2(a)	11/22/04	1.5	<402	<402	<402	<402	<402	<402	<402	<402	<402
A1-WL-N	OU-2(b)	10/20/04	2	<1830	<1830	<1830	<1830	<1830	<1830	<1830	<1830	<1830
A1-WL-E	OU-2(b)	10/20/04	2	22600	<20100	<20100	<20100	<20100	44700	48500	<20100	60200
A1-WL-S	OU-2(b)	10/20/04	2	<20300	<20300	<20300	<20300	<20300	<20300	<20300	<20300	<20300
A1-WL-W	OU-2(b)	10/20/04	2	<1760	<1760	<1760	<1760	<1760	<1760	<1760	<1760	<1760
A1-B-N	OU-2(b)	10/20/04	4	46100	30100	<18400	<18400	<18400	25900	76400	<18400	87300
A1-B-S	OU-2(b)	10/20/04	4	<18800	<18800	<18800	<18800	<18800	<18800	<18800	<18800	<18800
MN RSRV	(ug/kg)	1999		1140000				10000		890000	26000	1080000

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentration equals or exceeds the MN RSRV

Table 5
Warden Oil Site Volatile Organic Compound (VOCs) Data

Sample ID	Location	Date	Depth (feet)	1,1-Dichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	2-Chlorotoluene	Chlorobenzene	Isopropylbenzene	sec-Butylbenzene
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
E9-WL-E	OU-1	10/25/04	5	<1400	<1400	<1400	<1400	<1400	<1400	1680	1990
E9-B	OU-1	10/25/04	10	<1400	7100	<1400	1830	<1400	<1400	2470	3260
D7-B	OU-1	10/25/04	10	<284	<284	<284	579	<284	709	1790	1760
D7-WL	OU-1	10/25/04	8	<390	<390	<390	<390	<390	<390	<390	<390
C6-WL	OU-1	10/25/04	5	<327	581	<327	<327	<327	478	<327	376
C5-B	OU-1	10/25/04	10	<442	<442	<442	<442	<442	<442	<442	536
B4-B	OU-1	10/25/04	8	<430	<430	<430	<430	<430	<430	<430	<430
B4-WL	OU-1	10/25/04	6	<379	<379	<379	<379	<379	<379	<379	<379
E7-B	OU-1	10/26/04	10	<578	<578	<578	<578	<578	<578	<578	<578
D6-B	OU-1	10/26/04	10	<599	<599	<599	<599	<599	<599	<599	<599
F8-B	OU-1	10/27/04	6	<5450	6290	<5450	<5450	<5450	<5450	7520	8130
E5-B	OU-1	10/27/04	10	<338	<338	<338	<338	<338	<338	<338	<338
D4-B	OU-1	10/27/04	8	<346	<346	<346	<346	<346	446	422	444
C3-B	OU-1	10/28/04	8	<2970	<2970	<2970	<2970	<2970	<2970	<2970	<2970
B3-WL	OU-1	11/2/04	6	<369	<369	<369	1220	<369	6210	<369	<369
D2-B	OU-1	11/2/04	7	<329	<329	<329	<329	<329	<329	<329	<329
C2-WL	OU-1	11/2/04	4	<281	<281	<281	<281	<281	<281	<281	<281
E3-B	OU-1	11/2/04	7	<353	<353	<353	<353	<353	<353	<353	<353
G9-B	OU-1	11/3/04	4	359	1330	515	1820	<348	1550	4020	3750
F6-B	OU-1	11/3/04	7	<614	<614	<614	<614	<614	1380	764	665
G9-WL	OU-1	11/4/04	4	<303	<303	<303	358	<303	1220	<303	<303
G7-B	OU-1	11/4/04	6	<445	<445	<445	<445	453	<445	1820	1280
H8-B	OU-1	11/4/04	7	<308	<308	<308	<308	<308	2290	326	625
I9-WL	OU-1	11/5/04	6	<322	<322	<322	<322	<322	<322	<322	<322
I9-B	OU-1	11/5/04	10	<309	<309	<309	<309	<309	<309	<309	<309
K9-WL-E	OU-1	11/8/04	5	<473	<473	<473	<473	<473	<473	<473	<473
K9-B	OU-1	11/8/04	10	<535	<535	<535	<535	<535	<535	<535	<535
J8-B	OU-1	11/8/04	9	<462	<462	<462	<462	<462	<462	<462	<462
K8-WL	OU-1	11/8/04	5	<290	<290	<290	<290	<290	<290	<290	<290
I7-B	OU-1	11/8/04	6	<332	<332	<332	<332	<332	<332	<332	508
I7-B2	OU-1	11/8/04	10	<479	<479	<479	<479	<479	<479	<479	<479
K7-B	OU-1	11/9/04	10	<463	<463	<463	<463	<463	<463	<463	<463
H6-B	OU-1	11/9/04	10	<522	<522	<522	<522	<522	<522	<522	<522
J6-B	OU-1	11/9/04	10	<451	<451	<451	<451	<451	<451	<451	<451
K6-WL	OU-1	11/9/04	5	<358	<358	<358	<358	<358	<358	<358	<358
J5-WL	OU-1	11/10/04	8	<303	<303	<303	<303	<303	<303	<303	<303
MN 1999 RSRVs (ug/kg)				600	200000	8000	30000	436000	11000	30000	25000

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentrations exceed the MN RSRV

Table 5 Cont.
Warden Oil Site Volatile Organic Compound (VOCs) Data

Sample ID	Location	Date	Depth (feet)	Methylene chloride	Methyl-tert-butyl ether	Tetrachloroethene	Trichloroethene	Vinyl Chloride	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
K5-WL-N	OU-1	11/10/04	8	<385	<385	<385	<385	<770	<385	<385	<385
K5-B	OU-1	11/10/04	10	<376	<376	<376	<376	<753	<376	<376	<376
H5-WL	OU-1	11/10/04	6	<365	<365	<365	<365	<729	<365	<365	<365
G5-B	OU-1	11/11/04	10	<365	<365	<365	<365	<730	<365	<365	<365
H4-WL	OU-1	11/11/04	6	<398	<398	<398	<398	<796	<398	<398	<398
F4-B	OU-1	11/11/04	9	<355	<355	<355	<355	<710	<355	<355	<355
F4-WL	OU-1	11/11/04	6	<349	<349	<349	<349	<697	<349	<349	<349
E3-B	OU-1	11/11/04	7	<314	<314	<314	<314	<628	1280	<314	<314
C1-WL-W	OU-1	11/12/04	3	<262	<262	<262	<262	<524	<262	<262	<262
C1-B	OU-1	11/12/04	7	<330	<330	<330	<330	<660	951	466	<330
D2-B	OU-1	11/12/04	8	<319	<319	<319	<319	<638	1500	1380	<319
E1-WL-W	OU-1	11/12/04	3	<282	<282	<282	352	<564	<282	<282	<282
E1-B	OU-1	11/12/04	8	<449	<449	<449	<449	<898	<449	<449	<449
B5-WL	OU-1	11/16/04	4	<295	<295	<295	<295	<590	<295	<295	<295
C7-WL	OU-1	11/16/04	4	<283	<283	<283	301	<565	544	<283	439
D9-WL-2	OU-1	11/16/04	4	<1230	<1230	<1230	2170	<2470	15000	9530	8450
E2-WL	OU-2(a)	11/15/04	6	<276	<276	<276	<276	<551	<276	<276	<276
B3-WL	OU-2(a)	11/15/04	4	<307	<307	<307	<307	<615	<307	<307	<307
I4-B	OU-2(a)	11/15/04	4	<286	<286	<286	<286	<571	<286	<286	<286
K4-WL	OU-2(a)	11/17/04	3	<353	<353	<353	<353	<705	<353	<353	<353
K4-B	OU-2(a)	11/17/04	3	<371	<371	<371	<371	<741	<371	<371	<371
J3-B	OU-2(a)	11/17/04	4	<316	<316	<316	<316	<632	<316	<316	<316
F3-B	OU-2(a)	11/17/04	4	<324	<324	<324	<324	<649	<324	<324	<324
K2-WL	OU-2(a)	11/18/04	2	1940	<281	<281	<281	<562	<281	<281	<281
K2-B	OU-2(a)	11/18/04	4	<320	<320	<320	<320	<640	<320	<320	<320
K1-WL-W	OU-2(a)	11/18/04	2	<289	<289	<289	<289	<578	<289	<289	<289
H3-B	OU-2(a)	11/18/04	4	<298	<298	1310	<298	<595	<298	<298	<298
J1-B	OU-2(a)	11/18/04	4	<330	<330	<330	130000	<659	<330	<330	<330
I2-B	OU-2(a)	11/18/04	4	<267	<267	<267	<267	<534	<267	<267	<267
I1-WL-W	OU-2(a)	11/18/04	5	2340	<341	<341	<341	<682	<341	<341	<341
G2-B	OU-2(a)	11/18/04	2.5	470	<294	<294	377	<588	<294	<294	<294
F1-B	OU-2(a)	11/22/04	2.5	2800	<313	<313	<313	<626	<313	<313	<313
H1-B	OU-2(a)	11/22/04	2.5	2280	<335	<335	<335	<670	<335	<335	<335
G1-WL	OU-2(a)	11/22/04	1.5	<310	<310	<310	<310	<620	<310	<310	<310
MN 1999 RSRVs (ug/kg)				97000	---	72000	29000	250	30000	30000	---

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentrations exceed the MN RSRV

Table 5 Cont.
Warden Oil Site Volatile Organic Compound (VOCs) Data

Sample ID	Location	Date	Depth (feet)	1,1-Dichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	1,4-Dichlorobenzene	2-Chlorotoluene	Chlorobenzene	Isopropylbenzene	sec-Butylbenzene
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
K5-WL-N	OU-1	11/10/04	8	<385	<385	<385	<385	<385	<385	<385	<385
K5-B	OU-1	11/10/04	10	<376	<376	<376	<376	<376	<376	<376	<376
H5-WL	OU-1	11/10/04	6	<365	<365	<365	<365	<365	<365	<365	<365
G5-B	OU-1	11/11/04	10	<365	<365	<365	<365	<365	<365	<365	<365
H4-WL	OU-1	11/11/04	6	<398	<398	<398	<398	<398	<398	<398	<398
F4-B	OU-1	11/11/04	9	<355	<355	<355	<355	<355	<355	<355	<355
F4-WL	OU-1	11/11/04	6	<349	<349	<349	<349	<349	<349	<349	<349
E3-B	OU-1	11/11/04	7	<314	<314	<314	<314	<314	<314	579	1090
C1-WL-W	OU-1	11/12/04	3	<262	<262	<262	<262	<262	<262	<262	<262
C1-B	OU-1	11/12/04	7	<330	<330	<330	<330	458	<330	374	527
D2-B	OU-1	11/12/04	8	<319	<319	<319	<319	<319	<319	555	604
E1-WL-W	OU-1	11/12/04	3	<282	<282	<282	<282	<282	<282	<282	<282
E1-B	OU-1	11/12/04	8	<449	<449	<449	<449	<449	<449	<449	<449
B5-WL	OU-1	11/16/04	4	<295	<295	<295	<295	<295	<295	<295	<295
C7-WL	OU-1	11/16/04	4	<283	394	<283	<283	<283	<283	<283	<283
D9-WL-2	OU-1	11/16/04	4	<1230	<1230	<1230	3960	<1230	<1230	4090	4440
E2-WL	OU-2(a)	11/15/04	6	<276	<276	<276	<276	<276	<276	<276	<276
B3-WL	OU-2(a)	11/15/04	4	<307	<307	<307	<307	<307	<307	<307	<307
I4-B	OU-2(a)	11/15/04	4	<286	<286	<286	<286	<286	<286	<286	<286
K4-WL	OU-2(a)	11/17/04	3	<353	<353	<353	<353	<353	<353	<353	<353
K4-B	OU-2(a)	11/17/04	3	<371	<371	<371	<371	<371	<371	<371	<371
J3-B	OU-2(a)	11/17/04	4	<316	<316	<316	<316	<316	<316	<316	<316
F3-B	OU-2(a)	11/17/04	4	<324	<324	<324	<324	<324	<324	<324	<324
K2-WL	OU-2(a)	11/18/04	2	<281	<281	<281	<281	<281	<281	<281	<281
K2-B	OU-2(a)	11/18/04	4	<320	<320	<320	<320	<320	<320	<320	<320
K1-WL-W	OU-2(a)	11/18/04	2	<289	<289	<289	<289	<289	<289	<289	<289
H3-B	OU-2(a)	11/18/04	4	<298	<298	<298	<298	<298	<298	<298	<298
J1-B	OU-2(a)	11/18/04	4	<330	<330	<330	<330	<330	<330	<330	<330
I2-B	OU-2(a)	11/18/04	4	<267	<267	<267	<267	<267	<267	<267	<267
I1-WL-W	OU-2(a)	11/18/04	5	<341	<341	<341	<341	<341	<341	<341	<341
G2-B	OU-2(a)	11/18/04	2.5	<294	<294	<294	<294	<294	<294	<294	<294
F1-B	OU-2(a)	11/22/04	2.5	<313	<313	<313	<313	<313	<313	<313	<313
H1-B	OU-2(a)	11/22/04	2.5	<335	<335	<335	<335	<335	<335	<335	<335
G1-WL	OU-2(a)	11/22/04	1.5	<310	<310	<310	<310	<310	<310	<310	<310
MN 1999 RSRVs (ug/kg)				600	200000	8000	30000	436000	11000	30000	25000

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentrations exceed the MN RSRV

Table 5 Cont.
Warden Oil Site Volatile Organic Compound (VOCs) Data

Sample ID	Location	Date	Depth (feet)	Methylene chloride	Methyl-tert-butyl ether	Tetrachloroethene	Trichloroethene	Vinyl Chloride	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
E9-WL-E	OU-1	10/25/04	5	<1400	<1400	<1400	<1400	<2800	5450	3980	2860
E9-B	OU-1	10/25/04	10	<1400	<1400	<1400	<1400	<2790	10900	7080	4990
D7-B	OU-1	10/25/04	10	<284	<284	<284	<284	<568	6880	3620	4630
D7-WL	OU-1	10/25/04	8	<390	<390	<390	<390	<780	639	540	<390
C6-WL	OU-1	10/25/04	5	<327	<327	<327	<327	<654	648	496	<327
C5-B	OU-1	10/25/04	10	<442	<442	<442	<442	<885	679	627	<442
B4-B	OU-1	10/25/04	8	<430	<430	<430	<430	<860	563	<430	<430
B4-WL	OU-1	10/25/04	6	<379	<379	<379	<379	<758	<379	<379	<379
E7-B	OU-1	10/26/04	10	<578	<578	<578	<578	<1160	<578	<578	<578
D6-B	OU-1	10/26/04	10	<599	<599	<599	<599	<1200	<599	<599	<599
F8-B	OU-1	10/27/04	6	<5450	<5450	<5450	<5450	<10900	28000	20900	11500
E5-B	OU-1	10/27/04	10	<338	<338	<338	<338	<676	<338	<338	<338
D4-B	OU-1	10/27/04	8	<346	<346	<346	<346	<692	690	660	<346
C3-B	OU-1	10/28/04	8	<2970	<2970	<2970	<2970	<5940	4490	3370	3170
B3-WL	OU-1	11/2/04	6	<369	<369	<369	<369	<738	<369	<369	<369
D2-B	OU-1	11/2/04	7	<329	<329	<329	<329	<659	<329	<329	<329
C2-WL	OU-1	11/2/04	4	<281	<281	<281	<281	<561	<281	<281	<281
E3-B	OU-1	11/2/04	7	<353	<353	<353	<353	<706	670	629	<353
G9-B	OU-1	11/3/04	4	<348	<348	<348	530	<696	12400	7870	6630
F6-B	OU-1	11/3/04	7	<614	<614	<614	<614	<1230	<614	1850	<614
G9-WL	OU-1	11/4/04	4	<303	<303	<303	<303	<606	<303	<303	<303
G7-B	OU-1	11/4/04	6	<445	<445	<445	<445	<890	2930	2690	2380
H8-B	OU-1	11/4/04	7	<308	<308	<308	<308	<616	845	654	<308
I9-WL	OU-1	11/5/04	6	<322	<322	<322	<322	<643	<322	<322	<322
I9-B	OU-1	11/5/04	10	<309	<309	<309	<309	<618	<309	<309	<309
K9-WL-E	OU-1	11/8/04	5	<473	<473	<473	<473	<947	<473	<473	<473
K9-B	OU-1	11/8/04	10	<535	<535	<535	<535	<1070	<535	<535	<535
J8-B	OU-1	11/8/04	9	<462	<462	<462	<462	<924	<462	<462	<462
K8-WL	OU-1	11/8/04	5	<290	<290	<290	<290	<580	<290	<290	<290
I7-B	OU-1	11/8/04	6	<332	<332	<332	<332	<665	866	544	<332
I7-B2	OU-1	11/8/04	10	<479	<479	<479	<479	<958	<479	<479	<479
K7-B	OU-1	11/9/04	10	<463	<463	<463	<463	<927	<463	<463	<463
H6-B	OU-1	11/9/04	10	<522	<522	<522	<522	<1040	<522	<522	<522
J6-B	OU-1	11/9/04	10	<451	<451	<451	<451	<901	<451	<451	<451
K6-WL	OU-1	11/9/04	5	<358	<358	<358	<358	<716	<358	<358	<358
J5-WL	OU-1	11/10/04	8	<303	<303	<303	<303	<606	<303	<303	<303
MN 1999 RSRVs (ug/kg)				97000	---	72000	29000	250	30000	30000	---

Notes:

ug/kg = micrograms per kilogram

MN RSRV = Minnesota Residential Soil Reference Value

BOLD indicates concentrations exceed the MN RSRV

Table 6 Warden Oil Site Soil Polychlorinated Biphenyl (PCB) Data

Sample ID	Location	Date	Depth (feet)	PCB-1254	PCB-1260	PCB-1268	Total PCBs**
				mg/kg	mg/kg	mg/kg	mg/kg
D9-WL	OU-1	10/25/2004	5	<0.044	0.61	<0.044	0.61
D7-B	OU-1	10/25/2004	10	<0.038	0.62	<0.038	0.62
C6-B	OU-1	10/25/2004	10	<0.062	<0.062	<0.062	---
C6-WL [^]	OU-1	10/25/2004	5	<5.0	<5.0	<5.0	---
C5-B	OU-1	10/25/2004	10	<0.057	0.57	<0.057	0.57
B4-B	OU-1	10/25/2004	8	<0.057	0.65	<0.057	0.65
B4-WL	OU-1	10/25/2004	6	<0.049	0.20	<0.049	0.2
D6-B	OU-1	10/26/2004	10	<0.078	<0.078	<0.078	---
E5-B	OU-1	10/27/2004	10	<0.045	<0.045	<0.045	---
B3-WL	OU-1	11/2/2004	6	<0.049	<0.049	<0.049	---
C3-B	OU-1	11/2/2004	7	<0.43	<0.43	<0.43	---
C2-WL	OU-1	11/2/2004	4	<0.037	0.79	<0.037	0.79
G7-B	OU-1	11/4/2004	6	<0.058	1.2	<0.058	1.2
D2-B	OU-1	11/12/2004	8	<0.042	0.93	<0.042	0.93
I4-B	OU-2(a)	11/15/2004	4	<0.038	0.057	<0.038	0.057
J1-B	OU-2(a)	11/18/2004	4	<0.043	0.11	<0.043	0.11
G2-B	OU-2(a)	11/18/2004	2.5	0.09	0.12	<0.038	0.21
G1-WL	OU-2(a)	11/22/2004	1.5	<0.040	<0.040	<0.040	---

Notes:

[^] = Sample C6-WL was analyzed as PCBs in oil due to the significant concentration of product in the sample.

** = Total PCBs sum the total of PCBs detected above method detection limits.

In samples with no PCBs detected above method detection limits, --- indicates a sum could not be determined.

BOLD indicates concentration equals or exceeds the MN PCB RSRV (1999) (1.2 mg/kg)

Table 7

Warden Oil Site
Air Monitoring Data - Main Excavation

Sample ID	Date	Distance	PID ppm
E8	10/26/2004	0-5 feet	0.0
Perimeter	10/26/2004	fenceline	0.0
B4 Stockpile	10/26/2004	0-5 feet	5.1
F8 Breathing Zone	10/27/2004	5-10 feet	48.2
F8 Downwind	10/27/2004	10 feet	7.9
Perimeter (8:30AM)	10/27/2004	fenceline	0.0
Perimeter (10:30AM)	10/27/2004	fenceline	0.0
Perimeter (2:45PM)	10/27/2004	fenceline	0.0
D4 Downwind	10/27/2004	20 feet	0.0
D4 Downwind	10/27/2004	10 feet	2.3
F9/G9 Border	10/28/2004	10 feet	15.7
F9/G9 Border	10/28/2004	20 feet	6.9
F9/G9 Border	10/28/2004	30 feet	1.8
Perimeter (6:30AM)	10/28/2004	fenceline	0.0
E4/E5 Stockpile	11/3/2004	10 feet	0.0
E4/E5 Border	11/3/2004	10 feet	0.0
Perimeter (8:15AM)	11/3/2004	fenceline	0.0
Perimeter (1:30PM)	11/3/2004	fenceline	0.0
F7 Stockpile	11/3/2004	10 feet	0.0
F7 Excavation	11/3/2004	10 feet	0.0
Perimeter (8:00AM)	11/4/2004	fenceline	0.0
G8 Excavation	11/4/2004	0-5 feet	0.0
G8 Stockpile	11/4/2004	10 feet	0.0
Perimeter (10:15AM)	11/4/2004	fenceline	0.0
G7 Excavation	11/4/2004	0-5 feet	0.0
G7 Stockpile	11/4/2004	10 feet	0.0
Perimeter (1:45PM)	11/8/2004	fenceline	0.0
I7 Excavation	11/8/2004	0-5 feet	0.0
I7 Stockpile	11/8/2004	10 feet	0.0
Perimeter (10:00AM)	11/9/2004	fenceline	0.0
J7 Excavation	11/9/2004	0-5 feet	0.0
J7 Stockpile	11/9/2004	10 feet	0.0
Perimeter (11:30AM)	11/9/2004	fenceline	0.0
K7 Excavation	11/9/2004	0-5 feet	0.0
K7 Stockpile	11/9/2004	10 feet	0.0
Perimeter (10:45AM)	11/10/2004	fenceline	0.0
I5 Excavation	11/10/2004	0-5 feet	0.0
Perimeter (1:00PM)	11/11/2004	fenceline	0.0
F4 Excavation	11/11/2004	0-5 feet	0.0
Perimeter (12:45PM)	11/12/2004	fenceline	0.0
D1 Excavation	11/12/2004	20 feet	0.0
D1 Excavation	11/12/2004	0-5 feet	0.0
J4 Excavation	11/15/2004	0-5 feet	0.0
A3 Concrete Wall Excavation	11/15/2004	0-5 feet	0.0
E1 Downwind	11/15/2004	20 feet	0.0
B4 Concrete Wall Excavation	11/15/2004	0-5 feet	0.0
B4 Downwind	11/15/2004	20 feet	0.0
D8 Concrete Wall Excavation	11/16/2004	0-5 feet	1.3
D9 Concrete Wall Excavation	11/16/2004	0-5 feet	0.9
D8/D9 Downwind	11/16/2004	10 feet	0.0
I4 Excavation	11/17/2004	0-5 feet	0.0
I4/J4 Stockpile	11/17/2004	0-5 feet	0.0
H2 Stockpile	11/18/2004	0-5 feet	0.0
H2 Stockpile - Downwind	11/18/2004	10 feet	0.0
Downwind from Leef (sweet odor)	11/18/2004	on site	0.0

Notes:

ppm = parts per million