The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 1: Water Well VOC Results (Q2-2005)

Sample ID	WW02-401 SUNCREST-36'	WW02-401 SUNCREST-36'	WW02-850 Dayton St -IP- NP	WW02-850 Dayton St -IP- P
Sample Date (yyyy/mm/dd)	2005-06-13	2005-06-13	2005-04-26	2005-04-26
Sample Type	GW	GWDUP	GW	GW
Screened Interval	Cedarville Aquifer	Cedarville Aquifer	Cedarville Aquifer	Cedarville Aquifer
Reporting Units	µg/L	µg/L	µg/L	µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	7.8	8.1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE (MEK)	< 10	< 10	0.96 J	3.3 J
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	4.8 J	3.4 J
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	0.57 J	0.7 J	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	2.6	2.5	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	1.6	1.5	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

VOC = Volatile organic compound
GW = Ground Water
QDUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 3 in the Second Quarter 2005 Progress Report for definitions of data qualifiers.

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Aqueous QA/QC VOC Analytical Data (Q2-2005)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	EQUIPMENT RINSATE 2005-06-13 A5F150206004 µg/L	FIELD BLANK 2005-06-13 A5F150206003 µg/L	TRIP BLANK 2005-06-13 A5F150206005 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	0.2 J
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1
2-BUTANONE (MEK)	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1
TOLUENE	< 1	< 1	0.26 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1

VOC = Volatile organic compound
ID = Identification
QA/QC = Quality Control/Quality Assurance
µg/L = micrograms per liter
See Table 3 in the Second Quarter 2005 Progress Report for definitions of data qualifiers.

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 3: List of Data Qualifiers

Severn Trent Laboratory Qualification Flags		Severn Trent Laboratory Qualification Flag Description
General Chemistry	B	Estimated result. Result is less than the reporting limit.
	G	Interference
	J	Target analyte at a reportable level
Metals	*	Relative percent difference (RPD) is outside stated control limits
	B	Estimated result. Result is less than the reporting limit.
	J	Target analyte at a reportable level
	MSB	The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.
	E	Matrix interference
	L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
	N	Spiked analyte recovery is outside stated control limits
PAHs	A	Spiked analyte recovery is outside stated control limits
	B	Target analyte at a reportable level
	DIL	Presence of interfering analytes
	J	Estimated results. Result is less than that reporting limit.
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	PF	The percent difference between the original and confirmation analyses is greater than 50%.
	G	Interference
	PG	The percent difference between the original and confirmation analyses is greater than 40%.
	L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
PCBs	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
Pesticides	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	PG	The percent difference between the original and confirmation analyses is greater than 40%.
SVOCs	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	B	Target analyte at a reportable level
	E	Estimated result. Result concentration exceeds the calibration range.
	J	Estimated results. Result is less than that reporting limit.
VOCs	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	B	Target analyte at a reportable level
	E	Estimated result. Result concentration exceeds the calibration range.
	J	Estimated results. Result is less than that reporting limit

Payne Firm Qualification Flags	Payne Firm Qualification Flag Description
j	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
j-	The result is an estimated quantity, but the result may be biased low.
j+	The result is an estimated quantity, but the result may be biased high.
n	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
nj	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
r	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
u	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
uj	The analyte was not detected above the reporting sample quantitation limit. However, the reported quantitation limit is approx and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 4: Quarterly Water Level Measurements (Q2-2005)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (mm/dd/yyyy)	Potentiometric Elevation (feet msl)
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	4/12/2005	1002.30
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	5/2/2005	1002.73
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	6/3/2005	1003.20
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	4/12/2005	1011.61
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	5/2/2005	1011.31
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	6/3/2005	1011.20
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	4/12/2005	1022.19
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	4/12/2005	1023.12
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	4/12/2005	1023.13
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	4/12/2005	1023.23
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	4/12/2005	1022.62
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	4/12/2005	1022.56
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	4/12/2005	1021.09
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	4/12/2005	1021.16
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	4/12/2005	1021.53
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	4/12/2005	1019.52
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	4/12/2005	1018.69
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	4/12/2005	1022.65
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	4/12/2005	1024.12
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	4/12/2005	1024.36
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	4/12/2005	1018.47
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	4/12/2005	1014.38
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	4/12/2005	1022.46
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	4/12/2005	1020.21
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	4/12/2005	1015.85
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	4/12/2005	1018.29
MW02-01	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	4/12/2005	1022.14
MW02-02	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	4/12/2005	1021.36
MW02-03	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	4/12/2005	1020.64
MW02-03CD	Omar Cirlce	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	4/12/2005	1020.87
MW02-03SE	Omar Cirlce	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	4/12/2005	1020.85
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	4/12/2005	1019.45
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	4/12/2005	1019.77
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	4/12/2005	1018.95
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	4/12/2005	1018.79
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	4/12/2005	1017.11
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	4/12/2005	1017.07
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	4/12/2005	1014.87
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	4/12/2005	1021.36
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	4/12/2005	1021.14
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	4/12/2005	1021.26
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	4/12/2005	1014.55
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	4/12/2005	1013.62
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	4/12/2005	1013.97
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	4/12/2005	1020.95
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	4/12/2005	1019.61
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	4/12/2005	1010.85
MW02-13	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	4/12/2005	1021.72
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	4/12/2005	1024.01
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	4/12/2005	1023.77
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	4/12/2005	1012.40
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	4/12/2005	1012.27
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	4/12/2005	1012.51
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	4/12/2005	1014.11
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	4/12/2005	1018.18
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	4/12/2005	1018.06

The Payne Firm, Inc.

TABLE 4: Quarterly Water Level Measurements (Q2-2005)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (mm/dd/yyyy)	Potentiometric Elevation (feet msl)
MW02-18	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	4/12/2005	1021.89
MW02-18CD	Omar Cirlce	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	4/12/2005	1021.94
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation	1573657.28	659499.33	4/12/2005	1022.49
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	4/12/2005	1015.73
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	4/12/2005	1016.11
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	4/12/2005	1017.21
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	4/12/2005	1018.13
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	4/12/2005	1017.89
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	4/12/2005	1017.90
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Wel	1573845.30	659250.23	4/12/2005	1017.42

ID = Identification
msl = mean sea level
State plane coordinates from Woolpert Surveying LLP., Dayton, Ohio (NAD83/NAVD88)

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Ground Water Treatability Evaluation Data - Field Measurements

Location	Date	Time	Temp C°	Temp F°	CND (mS/cm)	DO (%)	DO[1] (mg/L)	pH	ORP (mV)
MW01-01	10/5/2004	9:17	16.2	61.16	780	NM	11.58	7.11	209.0
		9:47	16.9	62.42	800	NM	6.46	7.14	202.0
	3/9/2005	11:02	9.2	48.56	1320	NM	3.75	6.77	154.0
		11:44	6.9	44.42	2800	NM	9.02	7.20	130.0
	4/15/2005	9:15	11.34	52.41	1173	35.9	0.00	6.80	126.1
MW01-02	10/5/2004	10:23	17	62.6	660	NM	7.97	7.14	-1.0
		10:38	16.3	61.34	770	NM	6.58	7.05	49.0
	3/8/2005	16:41	8.5	47.3	980	NM	5.82	6.97	170.0
		17:02	9.5	49.1	1150	NM	5.70	7.01	155.0
	4/15/2005	10:18	10.63	51.13	991.5	29.2	0.00	7.00	129.4
MW01-02CD	10/5/2004	10:11	14.5	58.1	410	NM	9.66	7.25	-48
		10:23	14.3	57.74	520	NM	7.15	7.16	-40
	3/8/2005	16:14	9.3	48.74	610	NM	8.59	7.18	177
		16:29	10.3	50.54	790	NM	5.70	7.18	147
	4/15/2005	10:22	10.39	50.71	213.6	65.9	2.21	7.63	135.3
MW01-03	10/6/2004	9:07	15.6	60.08	590	NM	9.45	7.35	268.0
		9:28	14.5	58.1	630	NM	7.47	7.12	252.0
	3/8/2005	14:58	8	46.4	790	NM	7.31	7.14	178.0
		15:19	8.8	47.84	880	NM	1.62	7.14	170.0
	4/15/2005	10:32	10.11	50.2	788.6	38.0	0.00	7.33	130.2
MW01-03CD	10/5/2004	13:29	16.5	61.7	600	NM	11.19	7.37	171.0
		13:47	16.1	60.98	600	NM	7.51	7.15	142.0
	3/8/2005	14:20	6.9	44.42	570	NM	8.10	7.63	177.0
		14:32	7.6	45.68	790	NM	4.84	7.21	170.0
	4/15/2005	10:37	10.03	50.06	642.3	94.9	0.00	7.45	140.7
MW01-04	10/6/2004	15:15	18.4	65.12	680	NM	5.52	7.21	259.0
		15:36	16.9	62.42	650	NM	2.75	7.06	204.0
	3/9/2005	10:55	8.4	47.12	860	NM	8.02	7.20	81.0
		11:22	9.9	49.82	860	NM	4.86	7.24	89.0
	4/15/2005	11:07	10.74	51.33	797.2	45.8	0.00	7.31	134.9

The Payne Firm, Inc.

TABLE 5: Ground Water Treatability Evaluation Data - Field Measurements

Location	Date	Time	Temp C°	Temp F°	CND (mS/cm)	DO (%)	DO[1] (mg/L)	pH	ORP (mV)
MW01-04CD	10/5/2004	16:22	18.2	64.76	560	NM	5.24	7.24	-75.0
		16:34	16.8	62.24	540	NM	3.09	7.13	-77.0
	3/9/2005	12:07	8.9	48.02	690	NM	4.09	7.28	-8.0
		12:25	10.6	51.08	720	NM	2.41	7.08	-22.0
	4/15/2005	11:12	10.55	50.99	693.2	44.0	0.00	7.28	142.1
MW01-08	10/5/2004	14:54	15.9	60.62	560	NM	8.91	7.33	213.0
		15:21	15.3	59.54	580	NM	6.32	7.19	186.0
	3/9/2005	14:35	9.8	49.64	380	NM	5.61	7.36	109.0
		14:50	10.0	50.0	770	NM	3.29	7.03	118.0
	4/15/2005	10:05	10.16	50.29	745.9	97.7	0.00	7.25	98.0
MW01-10	10/7/2004	14:53	22.3	72.14	980	NM	4.06	7.17	260.0
		15:01	20.9	69.62	940	NM	2.17	7.09	214.0
	3/9/2005	16:37	12.8	55.04	1200	NM	1.16	7.29	196.0
		16:55	11.8	53.24	1220	NM	0.00	7.16	172.0
	4/15/2005	11:22	14.87	58.77	1078	27.7	0.00	7.28	138.3
MW01-12	10/6/2004	13:34	22.9	73.22	820	NM	6.24	7.02	211.0
		13:58	22.4	72.32	810	NM	3.21	7.00	138.0
	3/9/2005	15:23	8.1	46.58	960	NM	4.01	7.23	135.0
		15:53	6.5	43.7	970	NM	0.49	7.21	157.0
	4/15/2005	10:49	10.79	51.42	924.3	49.3	0.00	7.26	163.2
MW01-13	10/7/2004	14:00	19.7	67.46	720	NM	3.91	7.03	249.0
		14:21	18.7	65.66	700	NM	1.77	7.00	199.0
	3/10/2005	15:44	8.2	46.76	768	NM	3.24	7.25	197.0
		15:53	8.4	47.12	759	NM	2.08	7.18	188.0
	4/15/2005	11:30	10.71	51.28	729.0	32.1	0.00	7.23	179.0
RW01-05	10/7/2004	15:37	20.1	68.18	770.0	NM	4.96	7.14	272.0
		16:01	18.6	65.48	750.0	NM	2.35	7.03	174.0
	3/11/2005	13:36	11.2	52.16	925.0	NM	0.99	7.20	227.0
		13:41	10.0	50.0	927.0	NM	0.00	7.13	199.0
	4/15/2005	11:44	12.58	54.65	893.0	74.5	0.00	7.21	196.4
MW02-03	10/12/2004	9:55	16.9	62.42	400.0	NM	8.06	7.44	238.0
		10:31	17.8	64.04	640.0	NM	1.85	7.22	23.0
	3/10/2005	9:45	8.7	47.66	772.0	NM	3.09	7.08	142.0
		9:54	8.9	48.02	790.0	NM	2.30	7.08	159.0
	4/15/2005	12:50	10.99	51.79	573.6	44.3	0.00	7.50	213.0

The Payne Firm, Inc.

TABLE 5: Ground Water Treatability Evaluation Data - Field Measurements

Location	Date	Time	Temp C°	Temp F°	CND (mS/cm)	DO (%)	DO[1] (mg/L)	pH	ORP (mV)
MW02-06	10/12/2004	15:15	18.7	65.66	1200	NM	5.27	7.15	260.0
		16:00	17.4	63.32	900	NM	2.30	7.08	210.0
	3/10/2005	10:52	7.8	46.04	930	NM	4.80	7.16	56.0
		11:10	8.5	47.3	930	NM	0.00	7.19	77.0
	4/15/2005	12:37	11.68	53.03	532.8	35.9	0.02	7.15	238.0
MW02-06CD	10/6/2004	8:59	13.6	56.48	845	NM	5.23	7.88	250.0
		9:14	12.7	54.86	874	NM	0.56	6.98	231.0
	3/10/2005	10:45	6.5	43.7	671	NM	2.57	7.44	73.0
		11:06	4.8	40.64	691	NM	0.00	7.32	45.0
	4/15/2005	12:42	10.54	50.98	658.7	78.0	0.00	7.36	229.0
MW02-07	10/6/2004	9:34	16.9	62.42	968	NM	0.02	6.81	251.0
		10:16	17.1	62.78	984	NM	0.00	7.04	155.0
	3/9/2005	13:19	8.0	46.4	880	NM	8.19	7.15	139.0
		13:34	8.8	47.84	890	NM	7.27	7.24	134.0
	4/15/2005	12:27	12.12	53.81	704.0	31.0	0.00	7.24	238.8
MW02-08	10/11/2004	17:07	14.5	58.1	500.0	NM	3.60	7.27	64
		18:01	13.5	56.3	510.0	NM	1.98	7.22	15
	3/10/2005	13:37	7.8	46.04	681.0	NM	1.19	7.45	14
		13:46	9.4	48.92	695.0	NM	0.00	7.23	27
	4/15/2005	13:05	9.39	48.90	636.8	29.1	0.00	7.34	50.4
MW02-08CD	10/11/2004	16:20	15.4	59.72	590	NM	5.84	7.68	154.0
		16:35	13.7	56.66	580	NM	1.89	7.23	115.0
	3/10/2005	13:28	7.1	44.78	820	NM	2.23	7.47	91.0
		13:50	7.6	45.68	860	NM	0.00	7.28	81.0
	4/15/2005	13:09	9.36	48.84	777.4	91.1	0.00	7.66	42.7
MW02-15	10/8/2004	10:39	16.10	60.98	950	NM	3.23	7.26	202
		11:15	15.90	60.62	940	NM	0.89	6.71	171
	3/8/2005	16:17	8.80	47.84	870	NM	1.51	7.34	103
		16:26	9.80	49.64	920	NM	0.00	7.29	91
	4/15/2005	12:04	12.01	53.61	898	48.9	0.00	7.31	137.1
MW02-15CD	10/8/2004	11:35	15	59	948	NM	3.51	7.06	182
		12:02	15	59	950	NM	0.00	7.06	129
	3/9/2005	10:46	9.6	49.28	760	NM	0.29	7.51	129
		11:19	11	51.8	780	NM	0.00	7.34	104
	4/15/2005	12:09	11.69	53.05	720.5	34.1	0.00	7.38	166.0

[1] April 15, 2005 Dissolved oxygen measurements were collected with a YSI down hole analyzed, and not a flow through cell as low-flow ground water purging was not being performed.

NM = No Measurement

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 6: Ground Water Treatability Evaluation Data - Degradation Byproducts

Well Location	Sample Date	Ethane	Ethene	Methane	Acetic Acid	Butyric Acid	Formic Acid	Lactic Acid	Propionic Acid	Pyruvic Acid
MW01-01	11/5/1998	< 0.0005	< 0.0005	0.0068	NA	NA	NA	NA	NA	NA
	3/8/2005	< 0.0005	< 0.0005	< 0.0005	< 1	< 1	< 1	< 1	< 1	< 1
MW01-02	11/5/1998	< 0.0005	< 0.0005	0.005	NA	NA	NA	NA	NA	NA
	6/5/2000	<0.002	<0.001	0.038	NA	NA	NA	NA	NA	NA
	3/8/2005	< 0.0005	< 0.0005	0.00076	< 1	< 1	< 1	< 1	< 1	< 1
MW01-02CD	6/5/2000	<0.002	<0.001	1.0	NA	NA	NA	NA	NA	NA
	3/8/2005	< 0.0005	< 0.0005	0.0018	< 1	< 1	< 1	< 1	< 1	< 1
MW01-03	11/5/1998	< 0.0005	< 0.0005	0.00093	NA	NA	NA	NA	NA	NA
	3/8/2005	< 0.0005	< 0.0005	< 0.0005	< 1	< 1	< 1	< 1	< 1	< 1
MW01-03CD	6/5/2000	<0.002	<0.001	0.19	NA	NA	NA	NA	NA	NA
	3/8/2005	< 0.0005	< 0.0005	< 0.0005	< 1	< 1	< 1	< 1	< 1	< 1
MW01-04	11/5/1998	< 0.0005	< 0.0005	0.00081	NA	NA	NA	NA	NA	NA
	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
	3/9/2005	< 0.0005	< 0.0005	0.00092 J	< 1	< 1	< 1	< 1	< 1	< 1
MW01-04CD	6/5/2000	<0.002	<0.001	0.0028	NA	NA	NA	NA	NA	NA
	3/9/2005	< 0.0005	< 0.0005	0.00011 J	< 1	< 1	< 1	< 1	< 1	< 1
MW01-05	11/5/1998	< 0.0005	< 0.0005	0.002	NA	NA	NA	NA	NA	NA
	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
MW01-05CD	6/5/2000	<0.002	<0.001	0.0039	NA	NA	NA	NA	NA	NA
MW01-06	11/5/1998	< 0.0005	< 0.0005	0.0047	NA	NA	NA	NA	NA	NA
	6/5/2000	<0.002	<0.001	0.027	NA	NA	NA	NA	NA	NA
MW01-07	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
MW01-08	3/9/2005	< 0.0005	< 0.0005	< 0.0005	< 1	< 1	< 1	< 1	< 1	< 1
MW01-09	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
MW01-10	6/5/2000	<0.002	<0.001	0.0057	NA	NA	NA	NA	NA	NA
	3/9/2005	0.0022	0.004	0.039	< 1	< 1	< 1	< 1	< 1	< 1
MW01-11	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
MW01-12	3/9/2005	< 0.0005	< 0.0005	0.0001 J	< 1	< 1	< 1	< 1	< 1	< 1
MW01-13	3/10/2005	< 0.0005	< 0.0005	0.00013 J	< 1	< 1	< 1	< 1	< 1	< 1
MW02-02	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
MW02-04	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA

The Payne Firm, Inc.

TABLE 6: Ground Water Treatability Evaluation Data - Degradation Byproducts

Well Location	Sample Date	Ethane	Ethene	Methane	Acetic Acid	Butyric Acid	Formic Acid	Lactic Acid	Propionic Acid	Pyruvic Acid
MW02-05	3/10/2005	0.0021 J	< 0.0005	0.00056	< 1	< 1	< 1	< 1	< 1	< 1
MW02-06	6/5/2000	<0.002	<0.001	<0.001	NA	NA	NA	NA	NA	NA
	3/10/2005	< 0.0005	< 0.0005	0.00032 J	< 1	< 1	< 1	< 1	< 1	< 1
MW02-06CD	3/10/2005	< 0.0005	0.0026 J	0.0024	< 1	< 1	< 1	< 1	< 1	< 1
MW02-07	3/9/2005	0.0015 J	< 0.0005	0.00071	< 1	< 1	< 1	< 1	< 1	< 1
MW02-08	3/10/2005	< 0.0005	< 0.0005	0.00027 J	< 1	< 1	< 1	< 1	< 1	< 1
MW02-08CD	3/10/2005	< 0.0005	< 0.0005	0.00013 J	< 1	< 1	< 1	< 1	< 1	< 1
MW02-15	3/8/2005	< 0.0005	< 0.0005	0.00028 J	< 1	< 1	< 1	< 1	< 1	< 1
MW02-15CD	3/9/2005	< 0.0005	< 0.0005	0.0001 J	< 1	< 1	< 1	< 1	< 1	< 1
RW01-05	3/11/2005	< 0.0005	< 0.0005	0.00011 J	< 1	< 1	< 1	< 1	< 1	< 1

NA = Not Analyzed

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: Soil Treatability Evaluation Parameters

Parameters	Description of Data Provided
Soil pH	Soil pH range is critical to determine whether soil conditions meet requirements for oxidative or reductive dechlorination. These processes usually require a pH range between 6 and 8 standard units.
Total Organic Carbon (TOC)	Determine the amount of TOC in the soil matrix which will affect the utilization of the in-situ chemical oxidation (ISCO) agents in treating the solvent concentrations adsorbed onto soil; determine the extent to which contaminants may adsorb to soil rather than disperse with ground water; and provide a source for carbon for biodegradation processes.
Percent (%) Soil Moisture	Measurements will determine whether sufficient moisture is present in the soil to support degradation process.
Soil Alkalinity	Parameter used to measure the buffering capacity of the soil in biodegradation and ISCO processes.
Natural Oxidant Demand (NOD) with/without Total Oxidant Demand (TOD)	Analysis will be performed to determine the oxidant demand of soil on sit Samples will be analyzed for natural oxidant demand (NOD) and total oxidant demand (TOD) to characterize oxidant use by native soil and impacted soil (contaminants and native soil).

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 8: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (µg/L)

Sample Date	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	Methylene Chloride	Acetone	Freon 113
CW01-01	3/22/2000	55	13	< 5	< 5	< 10	< 50	49 tic
CW01-01	3/28/2000	300	44	< 5	< 5	< 10	< 50	250 tic
CW01-01	4/4/2000	340	34	< 5	< 5	< 10	< 50	< 5
CW01-01	4/11/2000	690	60	< 5	< 5	< 10	< 50	< 5
CW01-01	4/19/2000	890	59	< 5	< 5	< 10	< 50	570 tic
CW01-01	5/3/2000	910	53	< 25	< 25	< 50	< 250	470 tic
CW01-01	6/8/2000	1300	63	5	< 5	< 10	< 50	1300 tic
CW01-01	7/11/2000	1700	68	6	< 5	< 10	< 50	1600 tic
CW01-01	8/4/2000	1700	48	5	< 5	< 10	79	2800 tic
CW01-01	9/18/2000	1300	77	12	< 5	< 10	< 50	790 tic
CW01-01	10/11/2000	2100	72	11	< 5	< 10	< 50	940 tic
CW01-01	11/3/2000	1500	61	11	< 5	< 10	< 50	1500 tic
CW01-01	11/22/2000	180	120	540	< 5	< 10	< 50	< 5
CW01-01	12/14/2000	2700	82	< 25	< 25	< 50	< 250	1100 tic
CW01-01	1/10/2001	1700	91	14	< 5	< 10	< 50	630 tic
CW01-01	2/7/2001	1900	81	16	< 5	< 10	< 50	520 tic
CW01-01	3/9/2001	1300	81	19	< 5	< 10	< 50	480 tic
CW01-01	4/11/2001	1400	69	17	< 5	< 10	< 50	640 tic
CW01-01	5/3/2001	1600	68	14	< 5	< 10	< 50	1200 tic
CW01-01	7/11/2001	1600	74	18	< 5	< 10	< 50	730 tic
CW01-01	8/3/2001	1400	74	17 J	< 25	< 50	< 250	690 tic
CW01-01	9/11/2001	1400	65	16	< 5	< 10	< 50	660 tic
CW01-01	10/12/2001	1400	68	17	< 5	< 10	< 50	920 tic
CW01-01	11/20/2001	980	56	14	< 5	< 10	< 50	1100 tic
CW01-01	12/13/2001	1300	69	17	< 5	< 10	< 50	840 tic
CW01-01	1/3/2002	1000	59	14	< 5	< 10	< 50	980 tic
CW01-01	2/7/2002	1200	61	14	< 5	< 10	< 50	660 tic
CW01-01	3/11/2002	1200	69	23	< 5	< 10	< 50	930 tic
CW01-01	4/3/2002	970	51	13	< 5	< 10	< 50	950 tic
CW01-01	5/16/2002	1900	48	14	< 5	< 10	< 50	1700 tic
CW01-01	6/12/2002	1100	52	17	< 5	< 10	< 50	690 tic
CW01-01	6/28/2002	1100	55	16	< 5	< 10	< 50	780 tic
CW01-01	7/12/2002	1400	53	15	< 5	< 10	< 50	1100 tic
CW01-01	8/8/2002	1000	46	15	< 5	< 10	< 50	710 tic
CW01-01	9/5/2002	1200	60	17	< 5	< 10	< 50	720 tic
CW01-01	10/4/2002	< 1300	61	16	< 5	< 10	< 50	1600 tic
CW01-01	11/6/2002	1100	56	15	< 5	< 10	< 50	730 tic
CW01-01	12/6/2002	1000	61	17	< 5	< 10	< 50	510 tic
CW01-01	1/16/2003	990	56	15	< 5	< 10	< 50	600 tic
CW01-01	2/5/2003	1100	59	16	< 5	< 10	< 50	550 tic
CW01-01	3/4/2003	18	< 5	< 5	< 5	< 10	< 50	9 tic
CW01-01	4/4/2003	970	51	19	< 5	< 10	< 50	510 tic
CW01-01	5/7/2003	1100	53	13	< 5	< 10	< 50	760 tic
CW01-01	6/2/2003	1000	50	15	< 5	< 10	< 50	790 tic
CW01-01	7/10/2003	960	49	16	< 5	< 10	< 50	670 tic
CW01-01	8/1/2003	970	39	11	< 5	< 10	< 50	440 tic
CW01-01	9/15/2003	< 1100	< 36	< 10	< 5	< 10	< 50	< 800
CW01-01	10/7/2003	890	46	13	< 5	< 10	< 50	820 tic
CW01-01	11/4/2003	790	42	13	< 5	< 10	< 50	720 tic
CW01-01	12/4/2003	770	47	14	< 5	< 10	< 50	780 tic
CW01-01	1/13/2004	860	43	12	< 5	< 10	< 50	620 tic
CW01-01	2/17/2004	840	42	12	< 5	< 10	< 50	570 tic
CW01-01	3/10/2004	730	42	12	< 5	< 10	< 50	610 tic
CW01-01	4/7/2004	760	43	14	< 5	< 10	< 50	580 tic
CW01-01	5/5/2004	680	41	12	< 5	< 10	< 50	560 tic
CW01-01	6/8/2004	690	39	11	< 5	< 10	< 50	740 tic
CW01-01	7/12/2004	640	36	10	< 5	< 10	< 50	470 tic
CW01-01	8/6/2004	640	34	10	< 5	< 10	< 50	600 tic
CW01-01	9/8/2004	790	42	13	< 5	< 10	< 50	490 tic
CW01-01	10/12/2004	800	35	12	< 5	< 10	< 50	340 tic
CW01-01	11/10/2004	460	35	11	< 5	< 10	< 50	< 5
CW01-01	12/10/2004	650	35	11	< 5	< 10	< 50	590 tic
CW01-01	1/12/2005	810	44	13	< 5	< 10	< 50	< 5
CW01-01	2/8/2005	670	40	12	< 5	< 10	< 50	350 tic
CW01-01	3/14/2005	640	39	< 25	< 25	< 25	< 250	460
CW01-01	4/12/2005	650	36	< 25	< 25	< 25	< 250	590
CW01-01	5/2/2005	730	37	< 31	< 31	< 31	< 310	640
CW01-01	6/3/2005	760	40	< 28	< 28	< 28	< 280	690
CW01-02	1/22/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	2/5/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	3/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	4/4/2003	9	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	5/7/2003	12	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	6/2/2003	18	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	7/10/2003	20	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	8/1/2003	27	< 5	< 5	< 5	< 10	< 50	< 5

TABLE 8: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (µg/L)

Sample Date	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	Methylene Chloride	Acetone	Freon 113
CW01-02	9/15/2003	< 28	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	10/7/2003	29	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	11/4/2003	34	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	12/4/2003	41	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	1/13/2004	43	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	2/17/2004	48	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	3/10/2004	57	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	4/7/2004	67	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	5/5/2004	63	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	6/8/2004	70 tic	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	7/12/2004	68	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	8/6/2004	69	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	9/8/2004	94	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	10/12/2004	94	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	11/10/2004	85	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	12/10/2004	87	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	1/12/2005	99	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	2/8/2005	86	< 5	< 5	< 5	< 10	< 50	< 5
CW01-02	3/14/2005	66	< 5	< 5	< 5	< 5	< 50	< 5
CW01-02	4/12/2005	63	< 5	< 5	< 5	< 5	< 50	< 5
CW01-02	5/2/2005	73	< 5	< 5	< 5	< 5	< 50	< 5
CW01-02	6/3/2005	70	< 5	< 5	< 5	< 5	< 50	< 5
GWCTS-POST PRIMARY	3/22/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	3/28/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	4/4/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	4/11/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	4/19/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	5/3/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	6/8/2000	< 5	< 5	< 5	< 5	< 10	< 50	30 tic
GWCTS-POST PRIMARY	7/11/2000	< 5	< 5	< 5	< 5	< 10	< 50	170 tic
GWCTS-POST PRIMARY	8/4/2000	< 5	< 5	< 5	< 5	< 10	< 50	170 tic
GWCTS-POST PRIMARY	9/18/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	10/11/2000	< 5	< 5	< 5	< 5	< 10	< 50	89
GWCTS-POST PRIMARY	11/3/2000	< 5	< 5	< 5	< 5	< 10	< 50	92 tic
GWCTS-POST PRIMARY	12/14/2000	< 5	< 5	< 5	< 5	11	< 50	120 tic
GWCTS-POST PRIMARY	1/10/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	2/7/2001	< 5	< 5	< 5	< 5	< 10	< 50	140 tic
GWCTS-POST PRIMARY	3/9/2001	< 5	< 5	< 5	< 5	< 10	< 50	150 tic
GWCTS-POST PRIMARY	4/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	180 tic
GWCTS-POST PRIMARY	5/3/2001	< 5	< 5	< 5	< 5	< 10	< 50	380 tic
GWCTS-POST PRIMARY	7/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-POST PRIMARY	8/3/2001	< 5	< 5	9	5	< 10	< 50	390 tic
GWCTS-POST PRIMARY	9/11/2001	< 5	< 5	15	7	< 10	< 50	660 tic
GWCTS-POST PRIMARY	10/12/2001	< 5	< 5	< 5	< 5	< 10	< 50	150 tic
GWCTS-POST PRIMARY	11/20/2001	< 5	< 5	< 5	< 5	< 10	< 50	430 tic
GWCTS-POST PRIMARY	12/13/2001	< 5	< 5	< 5	< 5	< 10	< 50	400 tic
GWCTS-POST PRIMARY	1/3/2002	< 5	< 5	< 5	< 5	< 10	< 50	620 tic
GWCTS-POST PRIMARY	2/7/2002	< 5	< 5	< 5	6	< 10	< 50	520 tic
GWCTS-POST PRIMARY	3/11/2002	< 5	< 5	< 5	6	< 10	< 50	820 tic
GWCTS-POST PRIMARY	4/3/2002	< 5	< 5	< 5	6	< 10	< 50	1100 tic
GWCTS-POST PRIMARY	5/16/2002	< 5	< 5	9	6	< 10	< 50	1500 tic
GWCTS-POST PRIMARY	6/12/2002	< 5	< 5	15	6	< 10	< 50	970 tic
GWCTS-POST PRIMARY	6/28/2002	< 5	< 5	20	6	< 10	< 50	1100 tic
GWCTS-POST PRIMARY	7/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	53 tic
GWCTS-POST PRIMARY	8/8/2002	< 5	< 5	< 5	< 5	< 10	< 50	50 tic
GWCTS-POST PRIMARY	9/5/2002	< 5	< 5	< 5	< 5	< 10	< 50	81 tic
GWCTS-POST PRIMARY	10/4/2002	< 5	< 5	< 5	< 5	< 10	< 50	280 tic
GWCTS-POST PRIMARY	11/6/2002	< 5	< 5	< 5	< 5	< 10	< 50	270 tic
GWCTS-POST PRIMARY	12/6/2002	< 5	< 5	< 5	< 5	< 10	< 50	320 tic
GWCTS-POST PRIMARY	1/16/2003	< 5	< 5	< 5	< 5	< 10	< 50	480 tic
GWCTS-POST PRIMARY	2/5/2003	< 5	< 5	< 5	< 5	< 10	< 50	560 tic
GWCTS-POST PRIMARY	3/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	670 tic
GWCTS-POST PRIMARY	4/4/2003	< 5	< 5	7	< 5	< 10	< 50	460 tic
GWCTS-POST PRIMARY	5/7/2003	8	< 5	10	< 5	< 10	< 50	640 tic
GWCTS-POST PRIMARY	6/2/2003	74	< 5	< 5	< 5	< 10	< 50	410 tic
GWCTS-POST PRIMARY	7/10/2003	< 5	< 5	< 5	< 5	< 10	< 50	480 tic
GWCTS-POST PRIMARY	8/1/2003	< 5	< 5	< 5	< 5	< 10	< 50	460 tic
GWCTS-POST PRIMARY	9/15/2003	< 5	< 5	< 10	< 5	< 10	< 50	< 870
GWCTS-POST PRIMARY	10/7/2003	< 5	< 5	12	< 5	< 10	< 50	630 tic
GWCTS-POST PRIMARY	11/4/2003	10	6	14	< 5	< 10	< 50	570 tic
GWCTS-POST PRIMARY	12/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	240 tic
GWCTS-POST PRIMARY	1/13/2004	< 5	< 5	< 5	< 5	< 10	< 50	490 tic
GWCTS-POST PRIMARY	2/17/2004	< 5	< 5	< 5	< 5	< 10	< 50	520 tic
GWCTS-POST PRIMARY	3/10/2004	< 5	< 5	3 J	< 5	< 10	< 50	520 tic
GWCTS-POST PRIMARY	4/7/2004	< 5	< 5	6	< 5	< 10	< 50	510 tic
GWCTS-POST PRIMARY	5/5/2004	< 5	< 5	7	< 5	< 10	< 50	470 tic
GWCTS-POST PRIMARY	6/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	250 tic
GWCTS-POST PRIMARY	7/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	280 tic
GWCTS-POST PRIMARY	8/6/2004	< 5	< 5	< 5	< 5	< 10	< 50	500 tic
GWCTS-POST PRIMARY	9/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	420 tic
GWCTS-POST PRIMARY	10/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	280 tic

The Payne Firm, Inc.

TABLE 8: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (µg/L)

Sample Date	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	Methylene Chloride	Acetone	Freon 113
GWCTS-POST PRIMARY	11/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	390 tic
GWCTS-POST PRIMARY	12/10/2004	6	< 5	6	< 5	< 10	< 50	580 tic
GWCTS-POST PRIMARY	1/12/2005	19	6	10	< 5	< 10	< 50	300 tic
GWCTS-POST PRIMARY	2/8/2005	24	8	11	< 5	< 10	< 50	260 tic
GWCTS-POST PRIMARY	3/14/2005	32	< 17	< 17	< 17	< 17	< 170	490
GWCTS-POST PRIMARY	4/12/2005	49	< 25	< 25	< 25	< 25	< 250	540
GWCTS-POST PRIMARY	5/2/2005	61	18	< 17	< 17	< 17	< 170	550
GWCTS-POST PRIMARY	6/3/2005	< 5	< 5	< 5	< 5	< 5	< 50	70
GWCTS-EFFLUENT	4/19/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	11/22/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	12/14/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	1/10/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	2/7/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	3/9/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	4/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	11 tic
GWCTS-EFFLUENT	5/3/2001	< 5	< 5	< 5	< 5	< 10	< 50	18 tic
GWCTS-EFFLUENT	7/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	42 tic
GWCTS-EFFLUENT	8/3/2001	< 5	< 5	< 5	< 5	< 10	< 50	51 tic
GWCTS-EFFLUENT	9/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	89 tic
GWCTS-EFFLUENT	10/5/2001	< 5	< 5	< 5	< 5	< 10	< 50	110 tic
GWCTS-EFFLUENT	10/12/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	11/20/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	12/13/2001	< 5	< 5	< 5	< 5	< 10	< 50	370 tic
GWCTS-EFFLUENT	1/3/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	2/7/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	3/11/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	4/3/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	5/16/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	6/12/2002	< 5	< 5	15	6	< 10	< 50	960 tic
GWCTS-EFFLUENT	6/28/2002	< 5	< 5	< 5	< 5	< 10	< 50	49 tic
GWCTS-EFFLUENT	7/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	8/8/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	9/5/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	10/4/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	11/6/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	12/6/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	1/16/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	2/5/2003	< 5	< 5	< 5	< 5	< 10	< 50	11 tic
GWCTS-EFFLUENT	3/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	7 tic
GWCTS-EFFLUENT	4/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	150 tic
GWCTS-EFFLUENT	5/7/2003	< 5	< 5	< 5	< 5	< 10	< 50	340 tic
GWCTS-EFFLUENT	6/2/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	7/10/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	8/1/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	9/15/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 140
GWCTS-EFFLUENT	10/7/2003	< 5	< 5	< 5	< 5	< 10	< 50	170 tic
GWCTS-EFFLUENT	11/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	200 tic
GWCTS-EFFLUENT	12/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	1/13/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	2/17/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	3/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	25 tic
GWCTS-EFFLUENT	4/7/2004	< 5	< 5	< 5	< 5	< 10	< 50	640 tic
GWCTS-EFFLUENT	5/5/2004	< 5	< 5	< 5	< 5	< 10	< 50	120 tic
GWCTS-EFFLUENT	6/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	7/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	8/6/2004	< 5	< 5	< 5	< 5	< 10	< 50	34 tic
GWCTS-EFFLUENT	9/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	120 tic
GWCTS-EFFLUENT	10/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	140 tic
GWCTS-EFFLUENT	11/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	260 tic
GWCTS-EFFLUENT	12/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	330 tic
GWCTS-EFFLUENT	1/12/2005	< 5	< 5	< 5	< 5	< 10	< 50	230 tic
GWCTS-EFFLUENT	2/8/2005	< 5	< 5	< 5	< 5	< 10	< 50	< 5
GWCTS-EFFLUENT	3/14/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
GWCTS-EFFLUENT	4/12/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
GWCTS-EFFLUENT	5/2/2005	< 5	< 5	< 5	< 5	< 5	< 50	16
GWCTS-EFFLUENT	6/3/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5

VOC = Volatile organic compound
µg/L = micrograms per liter
tic = tentative identified compound

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 9: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (µg/L)

Sample Location	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	Methylene Chloride	Acetone	Freon-113
UTSWTS-INFLUENT	10/11/2000	120	130	660	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	12/14/2000	170	140	710	< 5	< 10	68	17 tic
UTSWTS-INFLUENT	1/10/2001	150	96	330	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	2/7/2001	55	36	190	< 5	< 10	330	< 5
UTSWTS-INFLUENT	3/9/2001	17	11	30	< 5	< 10	120	< 5
UTSWTS-INFLUENT	4/11/2001	37	32	130	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	5/3/2001	15	12	26	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	7/11/2001	6	7	28	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	8/3/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	9/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	10/12/2001	< 5	< 5	72	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	11/20/2001	5	5	36	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	12/13/2001	5	6	14	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	1/3/2002	6	7	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	2/7/2002	< 5	7	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	3/11/2002	< 5	6	< 5	< 5	< 10	1400	< 5
UTSWTS-INFLUENT	4/3/2002	5	7	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	5/16/2002	< 5	6	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	6/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	7/12/2002	< 5	9	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	8/8/2002	11	15	330	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	9/5/2002	29	33	390	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	10/4/2002	16	16	410	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	11/6/2002	22	22	800	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	12/6/2002	13	14	470	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	1/16/2003	< 5	< 5	35	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	2/5/2003	7	6	58	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	3/4/2003	< 5	< 5	25	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	4/4/2003	< 5	6	33	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	5/7/2003	11	12	240	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	6/2/2003	5	6	65	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	7/10/2003	< 5	< 5	36	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	8/1/2003	< 5	6	62	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	9/15/2003	< 15	< 26	< 230	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	10/7/2003	14	22	170	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	11/4/2003	25	27	210	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	12/4/2003	15	17	98	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	1/13/2004	11	18	110	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	2/6/2004	15	24	110	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	3/10/2004	17	25	160	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	4/7/2004	13	21	150	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	5/5/2004	11	16	80	< 5	< 10	100	< 5
UTSWTS-INFLUENT	6/8/2004	12	20	130	< 5	< 10	130	< 5
UTSWTS-INFLUENT	7/12/2004	58	68	250	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	8/6/2004	60	53	310	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	9/8/2004	120	110	300	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	10/12/2004	170	100	320	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	11/10/2004	150	75	380	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	12/10/2004	94	37	290	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	1/12/2005	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	2/8/2005	30	19	130	< 5	< 10	< 50	< 5
UTSWTS-INFLUENT	3/14/2005	19	27	200	< 5	< 5	< 50	< 5
UTSWTS-INFLUENT	4/12/2005	13	21	120	< 5	< 5	< 50	< 5
UTSWTS-INFLUENT	5/2/2005	13	20	64	< 5	< 5	< 50	< 5
UTSWTS-INFLUENT	6/3/2005	28	56	170	< 5	< 5	< 50	< 5
UTSWTS-INTERMEDIATE	2/7/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	3/11/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	4/3/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	5/16/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	6/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	7/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5

TABLE 9: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (µg/L)

Sample Location	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	Methylene Chloride	Acetone	Freon-113
UTSWTS-INTERMEDIATE	8/8/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	9/5/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	10/4/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	11/6/2002	< 5	< 5	5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	12/6/2002	< 5	< 5	11	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	1/16/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	2/5/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	3/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	4/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	5/7/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	6/2/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	7/10/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	8/1/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	9/15/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	10/7/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	11/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	12/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	1/13/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	2/6/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	3/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	4/7/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	5/5/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	6/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	7/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	8/6/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	9/8/2004	< 5	< 5	7	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	10/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	11/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	12/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	1/12/2005	< 5	< 5	< 5	< 5	< 10	< 50	
UTSWTS-INTERMEDIATE	2/8/2005	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-INTERMEDIATE	3/14/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-INTERMEDIATE	4/12/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-INTERMEDIATE	5/2/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-INTERMEDIATE	6/3/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-EFFLUENT	10/11/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	12/14/2000	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	1/10/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	2/7/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	3/9/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	4/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	5/3/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	7/11/2001	< 5	< 5	7	< 5	< 10	< 50	390 tic
UTSWTS-EFFLUENT	7/25/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	8/3/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	9/11/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	10/12/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	11/20/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	12/13/2001	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	1/3/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	2/7/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	3/11/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	4/3/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	5/16/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	6/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	7/12/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	8/8/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	9/5/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	10/4/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	11/6/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	12/6/2002	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	1/16/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	2/5/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	3/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	4/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	5/7/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	6/2/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5

The Payne Firm, Inc.

TABLE 9: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (µg/L)

Sample Location	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	Methylene Chloride	Acetone	Freon-113
UTSWTS-EFFLUENT	7/10/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	8/1/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	9/15/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	10/7/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	11/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	12/4/2003	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	1/13/2004	< 5	< 5	< 5	< 5	< 10	< 50	
UTSWTS-EFFLUENT	2/6/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	3/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	4/7/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	5/5/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	6/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	7/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	8/6/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	9/8/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	10/12/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	11/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	12/10/2004	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	1/12/2005	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	2/8/2005	< 5	< 5	< 5	< 5	< 10	< 50	< 5
UTSWTS-EFFLUENT	3/14/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-EFFLUENT	4/12/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-EFFLUENT	5/2/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5
UTSWTS-EFFLUENT	6/3/2005	< 5	< 5	< 5	< 5	< 5	< 50	< 5

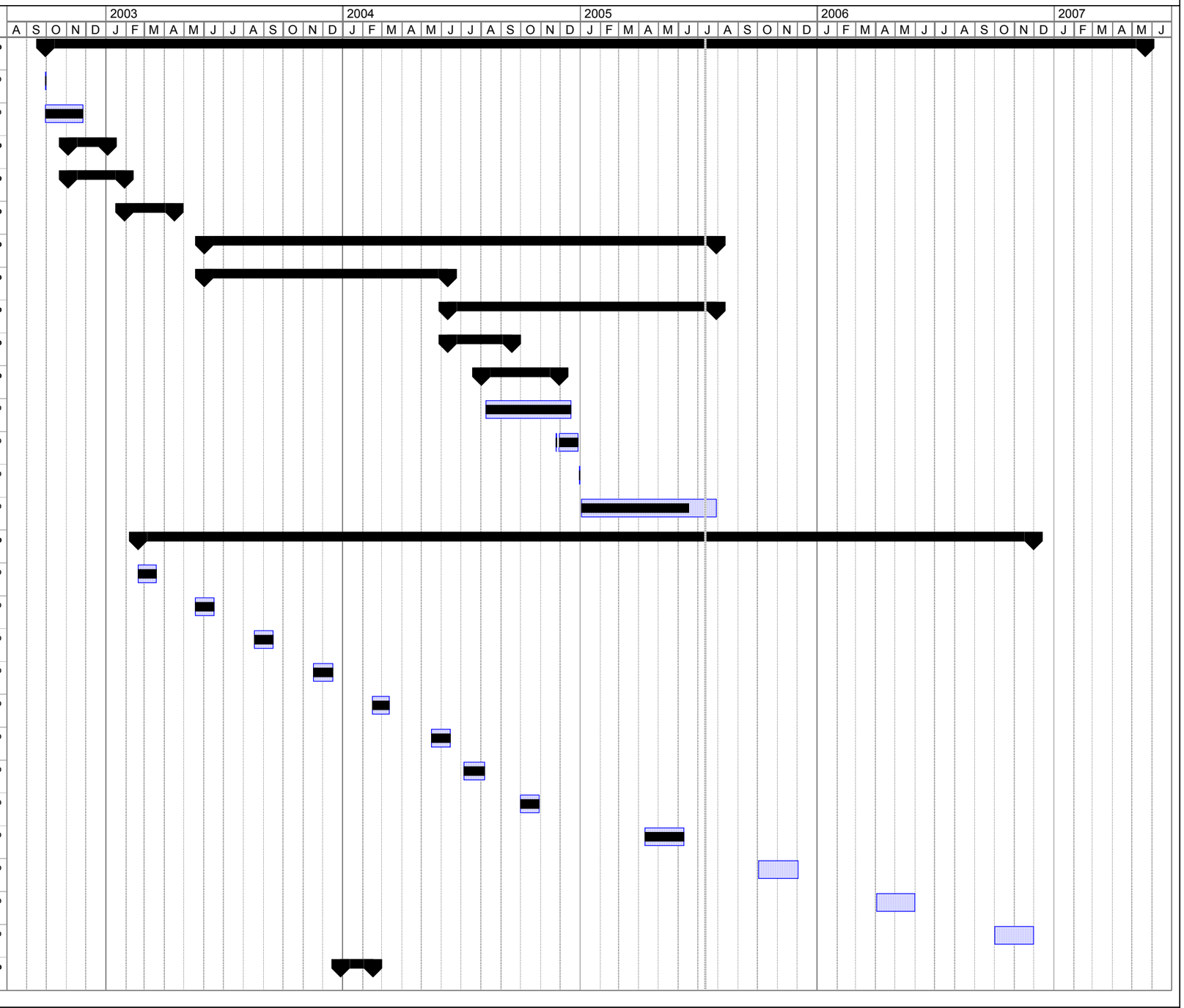
VOC = Volatile organic compound
µg/L = micrograms per liter
tic = tentative identified compound

Vernay Laboratories, Inc.
Project No. 0292.11.26
July 14, 2005

RCRA CORRECTIVE ACTION PROJECT SCHEDULE
Through Q2, 2005

Table 10: Project Schedule

ID	Task Name	% Complete
1	**RCRA CORRECTIVE ACTION PROJECT SCHEDULE**	**56%**
2	**1.0 CONSENT ORDER EFFECTIVE**	100%
3	**2.0 CURRENT CONDITIONS REPORT**	100%
4	**3.0 EI RISK SCOPING**	**100%**
7	**4.0 Ground Water Capture Interim Measure**	**100%**
13	**5.0 SOIL HOT SPOT INTERIM MEASURE ASSESSMENT**	**100%**
18	**6.0 RCRA FACILITY INVESTIGATION**	**96%**
19	**6.1 Phase I: N&E in Cedarville Aquifer/Storm Sewer Backfill**	**100%**
41	**6.2 Phase II RFI**	**93%**
42	**6.2.1 Additional Data Needs**	**100%**
46	**6.2.2 Fate and Transport Modeling**	**100%**
51	**6.2.3 Baseline Human Health and Ecological Risk Assessment**	100%
52	**6.2.4 Phase II Facility Investigation Report**	100%
53	Submit Phase II RFI Report	100%
54	USEPA Approval of Phase II RFI Report	80%
55	**6.3 Ground Water Monitoring**	**75%**
56	1st Quarter 2003	100%
57	2nd Quarter 2003	100%
58	3rd Quarter 2003	100%
59	4th Quarter 2003	100%
60	1st Quarter 2004	100%
61	2nd Quarter 2004	100%
62	3rd Quarter 2004	100%
63	4th Quarter 2004	100%
64	1st Half 2005	100%
65	2nd Half 2005	0%
66	1st Half 2006	0%
67	2nd Half 2006	0%
68	**6.5 Additional Soil Source Investigation**	**100%**



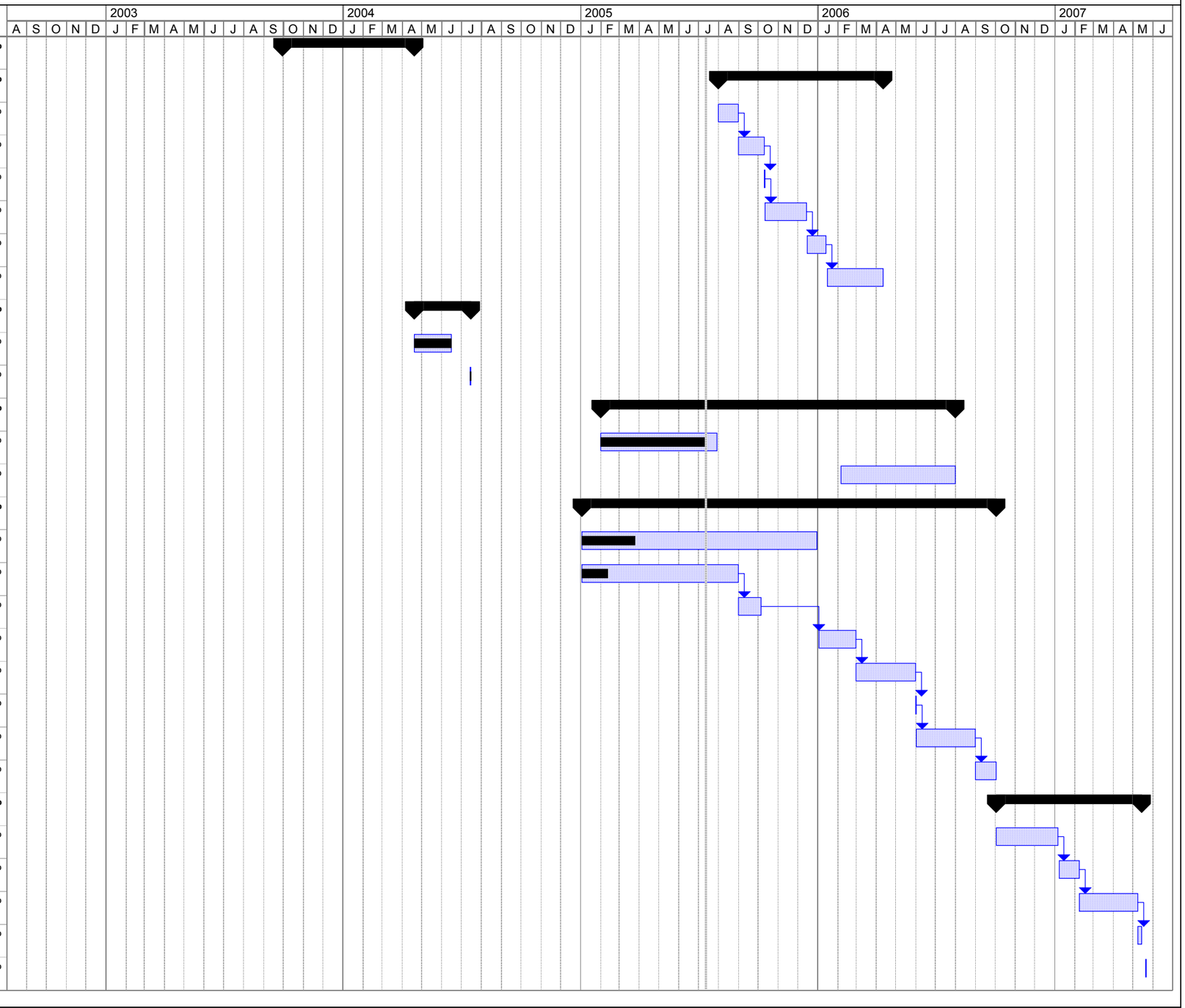
Time frames are estimates and are dependent on the U.S. EPA

Vernay Laboratories, Inc.
Project No. 0292.11.26
July 14, 2005

RCRA CORRECTIVE ACTION PROJECT SCHEDULE
Through Q2, 2005

Table 10: Project Schedule

ID	Task Name	% Complete
72	**6.6 EI Risk Data Needs**	**100%**
75	**7.0 EI REPORT FOR GROUND WATER**	**0%**
76	Data Evaluation	0%
77	Prepare Draft Report	0%
78	Submit Draft Report to USEPA	0%
79	USEPA Review of Draft Report	0%
80	Prepare and Submit Final Report	0%
81	USEPA Review and Approve Final Report	0%
82	**8.0 EI REPORT FOR HUMAN HEALTH**	**100%**
83	Prepare Report	100%
84	Submit EI Report to USEPA	100%
85	**9.0 WELL SURVEY FOLLOW UP AND WATER WELL SAMPLING**	**46%**
86	2005 Well Survey Follow-Up and Water Well Sampling	90%
87	2006 Well Survey Follow-up and Water Well Sampling	0%
88	**10.0 PROPOSE TO USEPA FINAL CORRECTIVE MEASURES**	**14%**
89	Treatability/Pilot Study	24%
90	Idenfify PRGs and Corrective Measures Objectives	17%
91	Screening and Development of Potential Corrective Measures	0%
92	Detailed Eng. Analysis and Comparison of Selected Corr. Measures	0%
93	Prepare Draft Corrective Measures Report	0%
94	Submit Draft Corrective Measures Report to USEPA	0%
95	USEPA Review of Draft Report	0%
96	Prepare and Submit Final Corrective Measures Report	0%
97	**11.0 USEPA SELECTS FINAL CORRECTIVE MEASURES**	**0%**
98	USEPA Selects Proposed Final Corrective Measures	0%
99	Public Review of Proposed Final Corrective Measures	0%
100	Prepare Response to Public/USEPA Comments	0%
101	USEPA Determination of Final Corrective Measures	0%
102	**12.0 COMMENCE IMPLEMENTATION OF FINAL CORRECTIVE MEASURES**	0%



Time frames are estimates and are dependent on the U.S. EPA