



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW01-01 2004-10-05 GW Upper CA µg/L	MW01-02 2004-10-07 GW Upper CA µg/L	MW01-02CD 2004-10-05 GW Middle CA µg/L	MW01-02SE 2004-10-05 GW Lower CA µg/L	MW01-03 2004-10-06 GW Upper CA µg/L	MW01-03CD 2004-10-05 GW Middle CA µg/L	MW01-04 2004-10-06 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,1,2,2-TETRACHLOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	110
1,1,2-TRICHLOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,1-DICHLOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	0.87 J
1,1-DICHLOROETHENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,2,4-TRICHLOROBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	2.5 J B
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 50	< 2	< 2	< 2	< 2	< 8
1,2-DIBROMOETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,2-DICHLOROBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,2-DICHLOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,2-DICHLOROPROPANE	2.1	980	< 1	< 1	< 1	< 1	< 4
1,3-DICHLOROBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
1,4-DICHLOROBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
2-BUTANONE	< 10	< 250	< 10	< 10	< 10	< 10	< 40
2-HEXANONE	< 10	< 250	< 10	< 10	< 10	< 10	< 40
4-METHYL-2-PENTANONE	< 10	< 250	< 10	< 10	< 10	< 10	< 40
ACETONE	1.1 J	< 250	1.3 J	0.97 J	< 10	0.99 J	< 40
BENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
BROMODICHLOROMETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
BROMOFORM	< 1	< 25	< 1	< 1	< 1	< 1	< 4
BROMOMETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CARBON DISULFIDE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CARBON TETRACHLORIDE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CHLOROBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CHLOROETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CHLOROFORM	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CHLOROMETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CIS-1,2-DICHLOROETHENE	0.34 J	18	< 0.5	< 0.5	< 0.5	< 0.5	5.8
CIS-1,3-DICHLOROPROPENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
CYCLOHEXANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
DIBROMOCHLOROMETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
DICHLORODIFLUOROMETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
ETHYLBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
ISOPROPYLBENZENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
METHYL ACETATE	< 10	< 250	< 10	< 10	< 10	< 10	< 40
METHYL TERT-BUTYL ETHER	< 5	< 120	< 5	< 5	< 5	< 5	< 20
METHYLCYCLOHEXANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
METHYLENE CHLORIDE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
STYRENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
TETRACHLOROETHENE	< 1	< 25	< 1	< 1	0.87 J	< 1	120
TOLUENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
TRANS-1,2-DICHLOROETHENE	< 0.5	< 12	< 0.5	< 0.5	< 0.5	< 0.5	< 2
TRANS-1,3-DICHLOROPROPENE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
TRICHLOROETHENE	< 1	12 J	< 1	< 1	< 1	< 1	15
TRICHLOROFLUOROMETHANE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
VINYL CHLORIDE	< 1	< 25	< 1	< 1	< 1	< 1	< 4
XYLENES (TOTAL)	< 1	< 25	< 1	< 1	< 1	< 1	< 4

VOC = Volatile Organic Compounds

ID = sample Location

GW = Ground Water

QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



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Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW01-04CD 2004-10-06 GW Middle CA µg/L	MW01-04SE 2004-10-05 GW Lower CA µg/L	MW01-04SE 2004-10-05 QDUPGW Lower CA µg/L	MW01-05 2004-10-06 GW Upper CA µg/L	MW01-05CD 2004-10-05 GW Middle CA µg/L	MW01-06 2004-10-07 GW Upper CA µg/L	MW01-07 2004-10-05 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,1,2,2-TETRACHLOROETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	520	< 1	< 1	< 1	< 1	< 25	< 1
1,1,2-TRICHLOROETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,1-DICHLOROETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,1-DICHLOROETHENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,2,4-TRICHLOROBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 33	< 2	< 2	< 2	< 2	< 50	< 2
1,2-DIBROMOETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,2-DICHLOROBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,2-DICHLOROETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,2-DICHLOROPROPANE	< 17	< 1	< 1	0.18 J	0.29 J	< 25	< 1
1,3-DICHLOROBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
1,4-DICHLOROBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
2-BUTANONE	< 170	< 10	< 10	< 10	< 10	< 250	< 10
2-HEXANONE	< 170	< 10	< 10	< 10	< 10	< 250	< 10
4-METHYL-2-PENTANONE	< 170	< 10	< 10	< 10	< 10	< 250	< 10
ACETONE	< 170	1 J	1.2 J	< 10	1.3 J	< 250	0.95 J
BENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
BROMODICHLOROMETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
BROMOFORM	< 17	< 1	< 1	< 1	< 1	< 25	< 1
BROMOMETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CARBON DISULFIDE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CARBON TETRACHLORIDE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CHLOROBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CHLOROETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CHLOROFORM	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CHLOROMETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CIS-1,2-DICHLOROETHENE	< 8.3	< 0.5	< 0.5	< 0.5	< 0.5	17	< 0.5
CIS-1,3-DICHLOROPROPENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
CYCLOHEXANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
DIBROMOCHLOROMETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
DICHLORODIFLUOROMETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
ETHYLBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
ISOPROPYLBENZENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
METHYL ACETATE	< 170	< 10	< 10	< 10	< 10	< 250	< 10
METHYL TERT-BUTYL ETHER	< 83	< 5	< 5	< 5	< 5	< 120	< 5
METHYLCYCLOHEXANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
METHYLENE CHLORIDE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
STYRENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
TETRACHLOROETHENE	350	0.21 J	0.22 J	1.6	1.1	6.3 J	< 1
TOLUENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
TRANS-1,2-DICHLOROETHENE	< 8.3	< 0.5	< 0.5	< 0.5	< 0.5	< 12	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
TRICHLOROETHENE	22	< 1	< 1	1.4	1.2	580	< 1
TRICHLOROFLUOROMETHANE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
VINYL CHLORIDE	< 17	< 1	< 1	< 1	< 1	< 25	< 1
XYLENES (TOTAL)	< 17	< 1	< 1	< 1	< 1	< 25	< 1

VOC = Volatile Organic Compounds

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TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW01-08 2004-10-05 GW Upper CA µg/L	MW01-09 2004-10-06 GW Upper CA µg/L	MW01-10 2004-10-07 GW Upper CA µg/L	MW01-11 2004-10-06 GW Upper CA µg/L	MW01-14 2004-10-07 GW Upper CA µg/L	MW02-01 2004-10-05 GW Upper CA µg/L	MW02-02 2004-10-05 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 25	< 1	< 15	< 1	1.7
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	95	< 1	420	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 25	< 1	9.3 J B	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 50	< 2	< 31	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 25	0.37 J	< 15	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
2-BUTANONE	< 10	< 10	< 250	< 10	< 150	< 10	< 10
2-HEXANONE	< 10	< 10	< 250	< 10	< 150	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 250	< 10	< 150	< 10	< 10
ACETONE	1.2 J	0.78 J	< 250	1.2 J	< 150	0.87 J	0.76 J
BENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
BROMOFORM	< 1	< 1	< 25	< 1	< 15	< 1	< 1
BROMOMETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CHLOROETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CHLOROFORM	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	190	10	93	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
METHYL ACETATE	< 10	< 10	< 250	< 10	< 150	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 120	< 5	< 77	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
STYRENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
TETRACHLOROETHENE	< 1	1.1	640	< 1	440	< 1	< 1
TOLUENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 12	0.49 J	< 7.7	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
TRICHLOROETHENE	< 1	< 1	35	24	48	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 25	< 1	< 15	< 1	< 1
VINYL CHLORIDE	< 1	< 1	46	1.5	11 J	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 25	< 1	< 15	< 1	< 1

VOC = Volatile Organic Compounds

ID = sample Location

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QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

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TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW02-02 2004-10-05 QDUPGW Upper CA µg/L	MW02-03 2004-10-12 GW Upper CA µg/L	MW02-03CD 2004-10-12 GW Middle CA µg/L	MW02-03SE 2004-10-05 GW Lower CA µg/L	MW02-04 2004-10-05 GW Upper CA µg/L	MW02-04CD 2004-10-05 GW Middle CA µg/L	MW02-05 2004-10-05 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	1.7	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	0.69 J	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	0.62 J	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.1 J	1.1 J B	1.3 J B	< 10	0.76 J	0.78 J	1.3 J
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	0.25 J	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	0.69 J B
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	0.19 J	0.38 J	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	0.54 J B	0.52 J B	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds

ID = sample Location

GW = Ground Water

QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



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TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW02-05CD 2004-10-05 GW Middle CA µg/L	MW02-06 2004-10-12 GW Upper CA µg/L	MW02-06CD 2004-10-06 GW Middle CA µg/L	MW02-07 2004-10-06 GW Upper CA µg/L	MW02-08 2004-10-11 GW Upper CA µg/L	MW02-08CD 2004-10-11 GW Middle CA µg/L	MW02-08SE 2004-10-06 GW Lower CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	32	< 1	0.6 J	80	140	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,1-DICHLOROETHANE	< 1	0.58 J	< 1	< 1	< 6.7	4.1 J	< 1
1,1-DICHLOROETHENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 3.3	< 2	< 2	< 13	< 20	< 2
1,2-DIBROMOETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,2-DICHLOROBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,2-DICHLOROETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,2-DICHLOROPROPANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,3-DICHLOROBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
1,4-DICHLOROBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
2-BUTANONE	< 10	< 17	< 10	< 10	< 67	< 100	< 10
2-HEXANONE	< 10	< 17	< 10	< 10	< 67	< 100	< 10
4-METHYL-2-PENTANONE	< 10	< 17	< 10	< 10	< 67	< 100	< 10
ACETONE	1.1 J	1.7 J B	< 10	0.74 J	< 67	17 J B	0.86 J
BENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
BROMODICHLOROMETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
BROMOFORM	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
BROMOMETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CARBON DISULFIDE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CARBON TETRACHLORIDE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CHLOROBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CHLOROETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CHLOROFORM	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CHLOROMETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CIS-1,2-DICHLOROETHENE	0.5	1.8	< 0.5	< 0.5	3.9	9.9	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
CYCLOHEXANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
DIBROMOCHLOROMETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
ETHYLBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
ISOPROPYLBENZENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
METHYL ACETATE	< 10	< 17	< 10	< 10	< 67	< 100	< 10
METHYL TERT-BUTYL ETHER	< 5	< 8.4	< 5	< 5	< 33	< 50	< 5
METHYLCYCLOHEXANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
METHYLENE CHLORIDE	< 1	1.3 J B	< 1	< 1	10 B	16 B	< 1
STYRENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
TETRACHLOROETHENE	< 1	18	< 1	< 1	50	110	< 1
TOLUENE	< 1	0.33 J	< 1	< 1	< 6.7	< 10	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.84	< 0.5	< 0.5	< 3.3	< 5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
TRICHLOROETHENE	< 1	5.3	< 1	< 1	10	37	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	< 1
VINYL CHLORIDE	< 1	< 1.7	< 1	< 1	< 6.7	< 10	0.3 J
XYLENES (TOTAL)	< 1	1.7 B	< 1	< 1	< 6.7	5 J B	< 1

VOC = Volatile Organic Compounds

ID = sample Location

GW = Ground Water

QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW02-09 2004-10-08 GW Upper CA µg/L	MW02-10 2004-10-08 GW Upper CA µg/L	MW02-10CD 2004-10-06 GW Middle CA µg/L	MW02-11 2004-10-06 GW Upper CA µg/L	MW02-11SE 2004-10-06 GW Lower CA µg/L	MW02-13 2004-10-12 GW Upper CA µg/L	MW02-14 2004-10-08 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	32	5.8	< 1	0.47 J	< 1	26	0.46 J
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,1-DICHLOROETHANE	0.56 J	< 1	< 1	0.31 J	< 1	< 2	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 4	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
ACETONE	1.2 J	< 10	< 10	< 10	< 10	3.7 J B	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	0.66 J	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 2	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	0.51 J	< 2	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	1.2 J	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CIS-1,2-DICHLOROETHENE	1.3	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CYCLOHEXANE	0.42 J	< 1	< 1	< 1	< 1	< 2	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 10	< 5
METHYLCYCLOHEXANE	0.79 J B	< 1	< 1	< 1	< 1	< 2	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	1.3 J B	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
TETRACHLOROETHENE	14	3.8	< 1	< 1	< 1	2.7	< 1
TOLUENE	0.18 J	< 1	< 1	< 1	< 1	< 2	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
TRICHLOROETHENE	5.4	1.1	< 1	0.5 J	< 1	4.1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	1.9 J B	< 1

VOC = Volatile Organic Compounds

ID = sample Location

GW = Ground Water

QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW02-14CD 2004-10-08 GW Middle CA µg/L	MW02-15 2004-10-08 GW Upper CA µg/L	MW02-15CD 2004-10-08 GW Middle CA µg/L	MW02-15CD 2004-10-08 QDUPGW Middle CA µg/L	MW02-16 2004-10-08 GW Upper CA µg/L	MW02-16CD 2004-10-08 GW Middle CA µg/L	MW02-17 2004-10-08 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-TETRACHLOROETHANE	<1	<1	<1	<1	<1	<1	<1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	<1	0.43 J	<1	<1	1.6	<1	<1
1,1,2-TRICHLOROETHANE	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHANE	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	<1	<1	<1	<1	<1	<1	<1
1,2,4-TRICHLOROBENZENE	<1	<1	<1	<1	<1	<1	0.58 J B
1,2-DIBROMO-3-CHLOROPROPANE	<2	<2	<2	<2	<2	<2	<2
1,2-DIBROMOETHANE	<1	<1	<1	<1	<1	<1	<1
1,2-DICHLOROBENZENE	<1	<1	<1	<1	<1	<1	<1
1,2-DICHLOROETHANE	<1	<1	<1	<1	<1	<1	<1
1,2-DICHLOROPROPANE	<1	<1	<1	<1	<1	<1	1.8
1,3-DICHLOROBENZENE	<1	<1	<1	<1	<1	<1	<1
1,4-DICHLOROBENZENE	<1	<1	<1	<1	<1	<1	<1
2-BUTANONE	<10	<10	<10	<10	<10	<10	<10
2-HEXANONE	<10	<10	<10	<10	<10	<10	<10
4-METHYL-2-PENTANONE	<10	<10	<10	<10	<10	<10	<10
ACETONE	<10	0.99 J	<10	0.97 J	1.9 J	2.4 J	<10
BENZENE	<1	<1	<1	<1	<1	<1	<1
BROMODICHLOROMETHANE	<1	<1	<1	<1	<1	<1	<1
BROMOFORM	<1	<1	<1	<1	<1	<1	<1
BROMOMETHANE	<1	<1	<1	<1	<1	<1	<1
CARBON DISULFIDE	<1	<1	<1	<1	<1	<1	<1
CARBON TETRACHLORIDE	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	<1	<1	<1	<1	<1	<1	<1
CHLOROETHANE	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	<1	<1	<1	<1	<1	<1	<1
CHLOROMETHANE	<1	<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.8
CIS-1,3-DICHLOROPROPENE	<1	<1	<1	<1	<1	<1	<1
CYCLOHEXANE	<1	<1	<1	<1	<1	<1	<1
DIBROMOCHLOROMETHANE	<1	<1	<1	<1	<1	<1	<1
DICHLORODIFLUOROMETHANE	<1	<1	<1	<1	<1	<1	<1
ETHYLBENZENE	<1	<1	<1	<1	<1	<1	<1
ISOPROPYLBENZENE	<1	<1	<1	<1	<1	<1	<1
METHYL ACETATE	<10	<10	<10	<10	<10	<10	<10
METHYL TERT-BUTYL ETHER	<5	<5	<5	<5	<5	<5	<5
METHYLCYCLOHEXANE	<1	0.63 J B	<1	<1	0.61 J B	0.61 J B	<1
METHYLENE CHLORIDE	<1	<1	<1	<1	<1	<1	<1
STYRENE	<1	<1	<1	<1	<1	<1	<1
TETRACHLOROETHENE	1.6	<1	<1	<1	1.2	0.58 J	0.57 J
TOLUENE	<1	<1	<1	<1	<1	<1	<1
TRANS-1,2-DICHLOROETHENE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TRANS-1,3-DICHLOROPROPENE	<1	<1	<1	<1	<1	<1	<1
TRICHLOROETHENE	<1	<1	<1	<1	0.86 J	<1	2
TRICHLOROFLUOROMETHANE	<1	<1	<1	<1	<1	<1	<1
VINYL CHLORIDE	<1	<1	<1	<1	<1	<1	<1
XYLENES (TOTAL)	<1	<1	<1	<1	<1	<1	<1

VOC = Volatile Organic Compounds

ID = sample Location

GW = Ground Water

QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 1: Cedarville Aquifer VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW02-17CD 2004-10-08 GW Middle CA µg/L	MW02-18 2004-10-12 GW Upper CA µg/L	MW02-18CD 2004-10-12 GW Middle CA µg/L	MW02-759 Dayton Street 2004-10-11 GW Upper CA µg/L	MW02-860 Dayton Street 2004-10-05 GW Unconsolidated Unit µg/L	RW01-05 2004-10-07 GW Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 170
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 170
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	56 J
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 170
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 170
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 170
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 330
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 170
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 170
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 170
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
2-BUTANONE	< 10	0.57 J	0.57 J	0.44 J	< 10	< 1700
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 1700
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 1700
ACETONE	< 10	1.1 J B	1.4 J B	< 10	< 10	< 1700
BENZENE	< 1	< 1	< 1	< 1	< 1	< 170
BROMODICHLOROMETHANE	< 1	0.82 J	< 1	< 1	< 1	< 170
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 170
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 170
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 170
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 170
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 170
CHLOROFORM	< 1	0.59 J	< 1	< 1	< 1	< 170
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 170
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 83
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 170
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 170
DIBROMOCHLOROMETHANE	< 1	0.42 J	< 1	< 1	< 1	< 170
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 170
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 170
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 1700
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 830
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 170
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 170
STYRENE	< 1	< 1	< 1	< 1	< 1	< 170
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	0.24 J	5800
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 170
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 83
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 170
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	200
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 170
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 170
XYLENES (TOTAL)	< 1	< 1	0.52 J B	0.5 J B	< 1	< 170

VOC = Volatile Organic Compounds

ID = sample Location

GW = Ground Water

QDUP = Duplicate Sample

CA = Cedarville Aquifer

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 2: Sewer Backfill/Outfall VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Type Screened Interval Reporting Units	MW01-12 2004-10-06 GW Sanitary Backfill µg/L	MW01-13 2004-10-07 GW Storm Backfill µg/L	MW02-12 2004-10-12 GW Storm Backfill µg/L	ST02-05 2004-10-08 SW Surface Water - Storm Sewer Outfall µg/L
1,1,1-TRICHLOROETHANE	< 1	< 62	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 62	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	51 J	0.52 J	< 1
1,1,2-TRICHLOROETHANE	< 1	< 62	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 62	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 62	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 62	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 120	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 62	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 62	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 62	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 62	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 62	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 62	< 1	< 1
2-BUTANONE	< 10	< 620	< 10	< 10
2-HEXANONE	< 10	< 620	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 620	< 10	< 10
ACETONE	0.98 J	< 620	1.1 J B	1.4 J
BENZENE	< 1	< 62	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 62	< 1	< 1
BROMOFORM	< 1	< 62	< 1	< 1
BROMOMETHANE	< 1	< 62	< 1	< 1
CARBON DISULFIDE	< 1	< 62	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 62	< 1	< 1
CHLOROBENZENE	< 1	< 62	< 1	< 1
CHLOROETHANE	< 1	< 62	< 1	< 1
CHLOROFORM	< 1	< 62	< 1	< 1
CHLOROMETHANE	< 1	< 62	0.23 J	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	14 J	0.87	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 62	< 1	< 1
CYCLOHEXANE	< 1	< 62	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 62	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 62	< 1	< 1
ETHYLBENZENE	< 1	< 62	< 1	< 1
ISOPROPYLBENZENE	< 1	< 62	< 1	< 1
METHYL ACETATE	< 10	< 620	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 310	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 62	< 1	< 1
METHYLENE CHLORIDE	< 1	< 62	< 1	< 1
STYRENE	< 1	< 62	< 1	< 1
TETRACHLOROETHENE	0.68 J	2400	0.91 J	8.4
TOLUENE	< 1	< 62	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 31	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 62	< 1	< 1
TRICHLOROETHENE	1.8	160	1.1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 62	< 1	< 1
VINYL CHLORIDE	< 1	< 62	< 1	< 1
XYLENES (TOTAL)	< 1	< 62	0.51 J B	< 1

VOC = Volatile Organic Compounds

ID = sample Location

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 3: QA/QC Aqueous VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	EQUIPMENT RINSATE 2004-10-06 A4J080296013 µg/L	EQUIPMENT RINSATE 2004-10-07 A4J090214007 µg/L	EQUIPMENT RINSATE 2004-10-11 A4J130113005 µg/L	FIELD BLANK 2004-10-06 A4J080296007 µg/L	FIELD BLANK 2004-10-06 A4J080296008 µg/L	FIELD BLANK 2004-10-11 A4J130113004 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	0.47 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	1.6 J B	< 10	0.85 J	1.3 J B
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	1.6	1.8	1.9	2.5	2.5	2.1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	0.89 J	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	0.51 J B	< 1	< 1	0.56 J B

VOC = Volatile Organic Compounds

ID = sample Location

QA/QC = Quality Control/Quality Assurance

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 3: QA/QC Aqueous VOC Analytical Data (Q4-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	TRIP BLANK 2004-10-05 A4J07011801 9	TRIP BLANK 2004-10-06 A4J08029601 7	TRIP BLANK 2004-10-07 A4J09021400 8	TRIP BLANK 2004-10-08 A4J09020801 3	TRIP BLANK 2004-10-11 A4J13011300 6	TRIP BLANK 2004-10-12 A4J13011200 8
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	0.39 J	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.9 J	< 10	< 10	< 10	2.6 J B	1.7 J B
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.2 J	0.21 J	0.24 J	0.21 J	0.3 J	0.28 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	0.54 J B	0.53 J B

VOC = Volatile Organic Compounds

ID = sample Location

QA/QC = Quality Control/Quality Assurance

µg/L = micrograms per liter

See Table 4 in the Fourth Quarter 2004 Progress Report for definitions of data qualifiers.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 4: 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
PCBs	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.
	A	Spiked analyte recovery is outside stated control limits
Pesticides	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%.
	A	Spiked analyte recovery is outside stated control limits
SVOCs	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 5: Monthly Water Level Elevation Data (Q4-2004)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (yyyy/mm/dd)	Potentiometric Elevation (feet msl)
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	2004/10/13	974.94
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	2004/11/10	973.13
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	2004/12/10	977.85
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	2004/10/13	1002.14
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	2004/11/10	1003.98
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	2004/12/10	1005.88
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	2004/10/13	1018.58
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	2004/11/10	1018.90
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	2004/12/10	1020.97
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	2004/10/13	1019.17
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	2004/11/10	1019.36
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	2004/12/10	1021.50
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	2004/10/13	1019.16
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	2004/11/10	1019.34
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	2004/12/10	1021.49
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	2004/10/13	1019.17
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	2004/11/10	1019.37
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	2004/12/10	1021.62
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	2004/10/13	1018.60
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	2004/11/10	1018.77
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	2004/12/10	1020.70
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	2004/10/13	1018.45
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	2004/11/10	1018.62
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	2004/12/10	1020.52
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	2004/10/13	1015.50
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	2004/11/10	1015.46
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	2004/12/10	1016.43
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	2004/10/13	1015.58
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	2004/11/10	1015.57
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	2004/12/10	1016.57
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	2004/10/13	1015.87
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	2004/11/10	1015.91
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	2004/12/10	1017.03
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	2004/10/13	1015.12
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	2004/11/10	1015.38
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	2004/12/10	1016.79
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	2004/10/13	1013.69
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	2004/11/10	1014.07
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	2004/12/10	1015.60
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	2004/10/13	1018.66
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	2004/11/10	1018.87
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	2004/12/10	1020.89
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	2004/10/13	1019.86
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	2004/11/10	1019.97
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	2004/12/10	1022.32
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	2004/10/13	1019.89
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	2004/11/10	1019.97
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	2004/12/10	1022.24
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	2004/10/13	1013.73
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	2004/11/10	1014.17
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	2004/12/10	1015.70
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	2004/10/13	1011.17
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	2004/11/10	1011.36
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	2004/12/10	1012.51
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	2004/10/13	1018.45

ID = Identification

msl = mean sea level

State plane coordinates from Woolpert Surveying LLP., Dayton, Ohio (NAD83/NAVD88)



The Payne Firm, Inc.

TABLE 5: Monthly Water Level Elevation Data (Q4-2004)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (yyyy/mm/dd)	Potentiometric Elevation (feet msl)
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	2004/11/10	1018.66
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	2004/12/10	1020.63
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	2004/10/13	1019.16
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	2004/11/10	1019.75
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	2004/12/10	1020.17
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	2004/10/13	1015.04
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	2004/11/10	1015.18
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	2004/12/10	1015.60
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	2004/10/13	1012.10
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	2004/11/10	1014.20
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	2004/12/10	1015.28
MW02-01	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	2004/10/13	1017.77
MW02-01	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	2004/11/10	1017.88
MW02-01	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	2004/12/10	1019.70
MW02-02	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	2004/10/13	1015.42
MW02-02	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	2004/11/10	1015.39
MW02-02	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	2004/12/10	1016.46
MW02-03	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	2004/10/13	1015.31
MW02-03	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	2004/11/10	1015.21
MW02-03	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	2004/12/10	1016.23
MW02-03CD	Omar Circe	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	2004/10/13	1015.27
MW02-03CD	Omar Circe	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	2004/11/10	1015.21
MW02-03CD	Omar Circe	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	2004/12/10	1016.25
MW02-03SE	Omar Circe	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	2004/10/13	1015.27
MW02-03SE	Omar Circe	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	2004/11/10	1015.31
MW02-03SE	Omar Circe	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	2004/12/10	1016.55
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	2004/10/13	1014.20
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	2004/11/10	1014.24
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	2004/12/10	1015.32
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	2004/10/13	1014.32
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	2004/11/10	1014.30
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	2004/12/10	1015.18
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	2004/10/13	1013.91
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	2004/11/10	1014.08
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	2004/12/10	1015.90
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	2004/10/13	1014.08
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	2004/11/10	1014.20
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	2004/12/10	1015.51
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	2004/10/13	1013.24
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	2004/11/10	1013.67
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	2004/12/10	1015.29
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	2004/10/13	1013.16
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	2004/11/10	1013.61
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	2004/12/10	1015.23
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	2004/10/13	1011.63
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	2004/11/10	1012.47
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	2004/12/10	1014.21
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	2004/10/13	1014.83
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	2004/11/10	1014.82
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	2004/12/10	1016.15
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	2004/10/13	1014.76
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	2004/11/10	1014.89
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	2004/12/10	1016.08
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	2004/10/13	1014.00
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	2004/11/10	1014.95
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	2004/12/10	1016.23
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	2004/10/13	1011.90
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	2004/11/10	1012.45
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	2004/12/10	1014.04
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	2004/10/13	1011.35
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	2004/11/10	1011.82
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	2004/12/10	1013.12
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	2004/10/13	1011.67
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	2004/11/10	1012.10
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	2004/12/10	1013.35
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	2004/10/13	1014.93

ID = Identification

msl = mean sea level

State plane coordinates from Woolpert Surveying LLP., Dayton, Ohio (NAD83/NAVD88)



The Payne Firm, Inc.

TABLE 5: Monthly Water Level Elevation Data (Q4-2004)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (yyyy/mm/dd)	Potentiometric Elevation (feet msl)
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	2004/11/10	1014.93
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	2004/12/10	1016.14
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	2004/10/13	1013.87
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	2004/11/10	1014.28
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	2004/12/10	1015.76
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	2004/10/13	1012.08
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	2004/11/10	1012.25
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	2004/12/10	1012.85
MW02-13	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	2004/10/13	1015.20
MW02-13	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	2004/11/10	1015.07
MW02-13	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	2004/12/10	1015.94
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	2004/10/13	1014.54
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	2004/11/10	1014.27
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	2004/12/10	1014.84
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	2004/10/13	1014.59
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	2004/11/10	1014.43
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	2004/12/10	1015.07
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	2004/10/13	1009.90
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	2004/11/10	1010.59
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	2004/12/10	1012.00
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	2004/10/13	1009.69
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	2004/11/10	1010.41
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	2004/12/10	1011.81
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	2004/10/13	1012.18
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	2004/11/10	1012.23
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	2004/12/10	1012.47
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	2004/10/13	1012.42
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	2004/11/10	1012.64
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	2004/12/10	1013.29
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	2004/10/13	1014.29
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	2004/11/10	1014.60
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	2004/12/10	1015.92
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	2004/10/13	1014.21
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	2004/11/10	1014.56
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	2004/12/10	1015.96
MW02-18	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	2004/10/13	1015.43
MW02-18	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	2004/11/10	1015.29
MW02-18	Omar Circe	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	2004/12/10	1016.13
MW02-18CD	Omar Circe	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	2004/10/13	1015.46
MW02-18CD	Omar Circe	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	2004/11/10	1015.33
MW02-18CD	Omar Circe	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	2004/12/10	1016.18
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1573657.28	659499.33	2004/10/13	1018.45
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1573657.28	659499.33	2004/11/10	1018.65
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1573657.28	659499.33	2004/12/10	1020.63
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	2004/10/13	1015.07
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	2004/11/10	1015.24
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	2004/12/10	1015.75
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	2004/10/13	1015.43
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	2004/11/10	1015.55
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	2004/12/10	1016.00
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	2004/10/13	1016.32
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	2004/11/10	1015.91
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	2004/12/10	1016.57
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	2004/10/13	1016.22
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	2004/11/10	1016.36
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	2004/12/10	1016.92
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	2004/10/13	1016.81
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	2004/11/10	1016.83
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	2004/12/10	1017.50
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	2004/10/13	1016.01
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	2004/11/10	1016.50
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	2004/12/10	1018.00
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573845.30	659250.23	2004/10/13	1016.54
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573845.30	659250.23	2004/11/10	1016.70
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573845.30	659250.23	2004/12/10	1017.37

ID = Identification

msl = mean sea level

State plane coordinates from Woolpert Surveying LLP., Dayton, Ohio (NAD83/NAVD88)



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 6: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Trichloroethene (TCE)				Tetrachloroethene (PCE)			
	Influent		Post Primary Vessel	System Effluent	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02			CW01-01	CW01-02		
3/20/2000	13	NI	ND	NS	55	NI	ND	NS
3/21/2000	27	NI	ND	NS	130	NI	ND	NS
3/27/2000	44	NI	ND	NS	300	NI	ND	NS
4/3/2000	34	NI	ND	NS	340	NI	ND	NS
4/10/2000	60	NI	ND	NS	690	NI	ND	NS
4/18/2000	59	NI	ND	ND	890	NI	ND	ND
5/2/2000	53	NI	ND	NS	910	NI	ND	NS
6/8/2000	63	NI	ND	NS	1,300	NI	ND	NS
7/10/2000	68	NI	ND	NS	1,700	NI	ND	NS
8/4/2000	46	NI	ND	NS	1,700	NI	ND	NS
9/15/2000	77	NI	ND	NS	1,300	NI	ND	NS
10/11/2000	72	NI	ND	NS	2,100	NI	ND	NS
11/2/2000	61	NI	ND	NS	1,500	NI	ND	NS
12/13/2000	82	NI	ND	ND	2,700	NI	ND	ND
1/9/2001	91	NI	ND	ND	1,700	NI	ND	ND
2/7/2001	81	NI	ND	ND	1,900	NI	ND	ND
3/9/2001	81	NI	ND	ND	1,300	NI	ND	ND
4/10/2001	69	NI	ND	ND	1,400	NI	ND	ND
5/2/2001	68	NI	ND	ND	1,600	NI	ND	ND
6/7/2001	83	NI	ND	ND	1,700	NI	ND	ND
7/11/2001	74	NI	ND	ND	1,600	NI	ND	ND
8/2/2001	74	NI	ND	ND	1,400	NI	ND	ND
9/10/2001	65	NI	ND	ND	1,400	NI	ND	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
10/11/2001	68	NI	ND	ND	1,400	NI	ND	ND
11/19/2001	56	NI	ND	ND	980	NI	ND	ND
12/13/2001	69	NI	ND	ND	1,300	NI	ND	ND
1/3/2002	59	NI	ND	ND	1,000	NI	ND	ND
2/7/2002	61	NI	ND	ND	1,200	NI	ND	ND
3/11/2002	69	NI	ND	ND	1,200	NI	ND	ND
4/3/2002	51	NI	ND	ND	970	NI	ND	ND
5/16/2002	48	NI	ND	ND	1,900	NI	ND	ND
6/11/2002 ¹	52	NI	ND	ND	1,100	NI	ND	ND
6/28/2002	55	NI	ND	ND	1,100	NI	ND	ND
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
7/11/2002	53	NI	ND	ND	1,400	NI	ND	ND
8/7/2002	46	NI	ND	ND	1,000	NI	ND	ND
9/5/2002	60	NI	ND	ND	1,200	NI	ND	ND
10/3/2002	61	NI	ND	ND	1,300	NI	ND	ND
11/6/2002	56	NI	ND	ND	1,100	NI	ND	ND
12/5/2002	61	NI	ND	ND	1,000	NI	ND	ND
1/13/2003	56	NI	ND	ND	990	NI	ND	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02							
1/21/2003	NS	ND	NS	NS	NS	ND	NS	NS
2/5/2003	59	ND	ND	ND	1,100	ND	ND	ND
3/4/2003	ND	ND	ND	ND	18	ND	ND	ND
4/3/2003	51	ND	ND	ND	970	9	ND	ND
5/6/2003	53	ND	ND	ND	1,100	12	8	ND
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
6/2/2003	50	ND	ND	ND	1,000	18	74	ND
7/10/2003	49	ND	ND	ND	960	20	ND	ND
8/1/2003	39	ND	ND	ND	970	27	ND	ND
9/15/2003	36	ND	ND	ND	1,100	28	ND	ND
10/6/2003	46	ND	ND	ND	890	29	ND	ND
11/3/2003	42	ND	6	ND	790	34	ND	ND
12/3/2003	47	ND	ND	ND	770	41	ND	ND
1/13/2004	43	ND	ND	ND	860	43	ND	ND
2/16/2004	42	ND	ND	ND	840	48	ND	ND
3/9/2004	42	ND	ND	ND	730	57	ND	ND
4/6/2004	43	ND	ND	ND	760	67	ND	ND
5/4/2004	41	ND	ND	ND	680	63	ND	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
6/7/2004	39	ND	ND	ND	690	70	ND	ND
7/12/2004	36	ND	ND	ND	640	68	ND	ND
8/5/2004	34	ND	ND	ND	640	69	ND	ND
9/8/2004	42	ND	ND	ND	790	94	ND	ND
10/11/2004	35	ND	ND	ND	800	94	ND	ND
11/10/2004	35	ND	ND	ND	460	85	ND	ND
12/10/2004	35	ND	ND	ND	650	87	6	ND

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

¹The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.

Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.



The Payne Firm, Inc.

TABLE 6: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	cis-1,2-Dichloroethene (cis-1,2-DCE)				Acetone			
	Influent		Post Primary Vessel	System Effluent	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02			CW01-01	CW01-02		
3/20/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/21/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/27/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/3/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/10/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/18/2000	ND	NI	ND	ND	ND	NI	ND	ND
5/2/2000	ND	NI	ND	NS	ND	NI	ND	NS
6/8/2000	5	NI	ND	NS	ND	NI	ND	NS
7/10/2000	6	NI	ND	NS	ND	NI	ND	NS
8/4/2000	5	NI	ND	NS	79	NI	ND	NS
9/15/2000	12	NI	ND	NS	ND	NI	ND	NS
10/11/2000	11	NI	ND	NS	ND	NI	ND	NS
11/2/2000	11	NI	ND	NS	ND	NI	ND	NS
12/13/2000	ND	NI	ND	ND	ND	NI	ND	ND
1/9/2001	14	NI	ND	ND	ND	NI	ND	ND
2/7/2001	16	NI	ND	ND	ND	NI	ND	ND
3/9/2001	19	NI	ND	ND	ND	NI	ND	ND
4/10/2001	17	NI	ND	ND	ND	NI	ND	ND
5/2/2001	14	NI	ND	ND	ND	NI	ND	ND
6/7/2001	19	NI	5	ND	82	NI	ND	ND
7/11/2001	18	NI	ND	ND	ND	NI	ND	ND
8/2/2001	17	NI	9	ND	ND	NI	ND	ND
9/10/2001	16	NI	15	ND	ND	NI	ND	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
10/11/2001	17	NI	ND	ND	ND	NI	ND	ND
11/19/2001	14	NI	ND	ND	ND	NI	ND	ND
12/13/2001	17	NI	ND	ND	ND	NI	ND	ND
1/3/2002	14	NI	ND	ND	ND	NI	ND	ND
2/7/2002	14	NI	ND	ND	ND	NI	ND	ND
3/11/2002	23	NI	ND	ND	ND	NI	ND	ND
4/3/2002	13	NI	ND	ND	ND	NI	ND	ND
5/16/2002	14	NI	9	ND	ND	NI	ND	ND
6/11/2002 ¹	17	NI	15	15	ND	NI	ND	ND
6/28/2002	16	NI	20	ND	ND	NI	ND	ND
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
7/11/2002	15	NI	ND	ND	ND	NI	ND	ND
8/7/2002	15	NI	ND	ND	ND	NI	ND	ND
9/5/2002	17	NI	ND	ND	ND	NI	ND	ND
10/3/2002	16	NI	ND	ND	ND	NI	ND	ND
11/6/2002	15	NI	ND	ND	ND	NI	ND	ND
12/5/2002	17	NI	ND	ND	ND	NI	ND	ND
1/13/2003	15	NI	ND	ND	ND	NI	ND	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02							
1/21/2003	NS	ND	NS	NS	NS	ND	NS	NS
2/5/2003	16	ND	ND	ND	ND	ND	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND	ND	ND
4/3/2003	19	ND	7	ND	ND	ND	ND	ND
5/6/2003	13	ND	10	ND	ND	ND	ND	ND
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
6/2/2003	15	ND	ND	ND	ND	ND	ND	ND
7/10/2003	16	ND	ND	ND	ND	ND	ND	ND
8/1/2003	11	ND	ND	ND	ND	ND	ND	ND
9/15/2003	10	ND	10	ND	ND	ND	ND	ND
10/6/2003	13	ND	12	ND	ND	ND	ND	ND
11/3/2003	13	ND	14	ND	ND	ND	ND	ND
12/3/2003	14	ND	ND	ND	ND	ND	ND	ND
1/13/2004	12	ND	ND	ND	ND	ND	ND	ND
2/16/2004	12	ND	ND	ND	ND	ND	ND	ND
3/9/2004	12	ND	3	ND	ND	ND	ND	ND
4/6/2004	14	ND	6	ND	ND	ND	ND	ND
5/4/2004	12	ND	7	ND	ND	ND	ND	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
6/7/2004	11	ND	7	ND	ND	ND	ND	ND
7/12/2004	10	ND	ND	ND	ND	ND	ND	ND
8/5/2004	10	ND	ND	ND	ND	ND	ND	ND
9/8/2004	13	ND	ND	ND	ND	ND	ND	ND
10/11/2004	12	ND	ND	ND	ND	ND	ND	ND
11/10/2004	11	ND	ND	ND	ND	ND	ND	ND
12/10/2004	11	ND	6	ND	ND	ND	ND	ND

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

¹The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.

Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.



The Payne Firm, Inc.

TABLE 6: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Methylene Chloride				1,1-Dichloroethane (1,1-DCA)			
	Influent		Post Primary Vessel	System Effluent	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02			CW01-01	CW01-02		
3/20/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/21/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/27/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/3/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/10/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/18/2000	ND	NI	ND	ND	ND	NI	ND	ND
5/2/2000	ND	NI	ND	NS	ND	NI	ND	NS
6/8/2000	ND	NI	ND	NS	ND	NI	ND	NS
7/10/2000	ND	NI	ND	NS	ND	NI	ND	NS
8/4/2000	ND	NI	ND	NS	ND	NI	ND	NS
9/15/2000	ND	NI	ND	NS	ND	NI	ND	NS
10/11/2000	ND	NI	ND	NS	ND	NI	ND	NS
11/2/2000	ND	NI	ND	NS	ND	NI	ND	NS
12/13/2000	ND	NI	11	ND	ND	NI	ND	ND
1/9/2001	ND	NI	ND	ND	ND	NI	ND	ND
2/7/2001	ND	NI	ND	ND	ND	NI	ND	ND
3/9/2001	ND	NI	ND	ND	ND	NI	ND	ND
4/10/2001	ND	NI	ND	ND	ND	NI	ND	ND
5/2/2001	ND	NI	ND	ND	ND	NI	ND	ND
6/7/2001	ND	NI	ND	ND	ND	NI	ND	ND
7/11/2001	ND	NI	ND	ND	ND	NI	ND	ND
8/2/2001	ND	NI	ND	ND	ND	NI	ND	ND
9/10/2001	ND	NI	ND	ND	ND	NI	ND	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
10/11/2001	ND	NI	ND	ND	ND	NI	ND	ND
11/19/2001	ND	NI	ND	ND	ND	NI	ND	ND
12/13/2001	ND	NI	ND	ND	ND	NI	ND	ND
1/3/2002	ND	NI	ND	ND	ND	NI	ND	ND
2/7/2002	ND	NI	ND	ND	ND	NI	6	ND
3/11/2002	ND	NI	ND	ND	ND	NI	6	ND
4/3/2002	ND	NI	ND	ND	ND	NI	6	ND
5/16/2002	ND	NI	ND	ND	ND	NI	6	ND
6/11/2002 ¹	ND	NI	ND	ND	ND	NI	6	6
6/28/2002	ND	NI	ND	ND	ND	NI	6	ND
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
7/11/2002	ND	NI	ND	ND	ND	NI	ND	ND
8/7/2002	ND	NI	ND	ND	ND	NI	ND	ND
9/5/2002	ND	NI	ND	ND	ND	NI	ND	ND
10/3/2002	ND	NI	ND	ND	ND	NI	ND	ND
11/6/2002	ND	NI	ND	ND	ND	NI	ND	ND
12/5/2002	ND	NI	ND	ND	ND	NI	ND	ND
1/13/2003	ND	NI	ND	ND	ND	NI	ND	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02							
1/21/2003	NS	ND	NS	NS	NS	ND	NS	NS
2/5/2003	ND	ND	ND	ND	ND	ND	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND	ND	ND
4/3/2003	ND	ND	ND	ND	ND	ND	ND	ND
5/6/2003	ND	ND	ND	ND	ND	ND	ND	ND
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
6/2/2003	ND	ND	ND	ND	ND	ND	ND	ND
7/10/2003	ND	ND	ND	ND	ND	ND	ND	ND
8/1/2003	ND	ND	ND	ND	ND	ND	ND	ND
9/15/2003	ND	ND	ND	ND	ND	ND	ND	ND
10/6/2003	ND	ND	ND	ND	ND	ND	ND	ND
11/3/2003	ND	ND	ND	ND	ND	ND	ND	ND
12/3/2003	ND	ND	ND	ND	ND	ND	ND	ND
1/13/2004	ND	ND	ND	ND	ND	ND	ND	ND
2/16/2004	ND	ND	ND	ND	ND	ND	ND	ND
3/9/2004	ND	ND	ND	ND	ND	ND	ND	ND
4/6/2004	ND	ND	ND	ND	ND	ND	ND	ND
5/4/2004	ND	ND	ND	ND	ND	ND	ND	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
6/7/2004	ND	ND	ND	ND	ND	ND	ND	ND
7/12/2004	ND	ND	ND	ND	ND	ND	ND	ND
8/5/2004	ND	ND	ND	ND	ND	ND	ND	ND
9/8/2004	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2004	ND	ND	ND	ND	ND	ND	ND	ND
11/10/2004	ND	ND	ND	ND	ND	ND	ND	ND
12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

¹The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.

Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.



The Payne Firm, Inc.

TABLE 6: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [pg/L])

Sample Date	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)			
	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02		
3/20/2000	49	NI	ND	NS
3/21/2000	110	NI	ND	NS
3/27/2000	250	NI	ND	NS
4/3/2000	ND	NI	ND	NS
4/10/2000	ND	NI	ND	NS
4/18/2000	570	NI	ND	ND
5/2/2000	470	NI	ND	NS
6/8/2000	1,300	NI	30	NS
7/10/2000	1,600	NI	170	NS
8/4/2000	2,800	NI	170	NS
9/15/2000	790	NI	ND	NS
10/11/2000	940	NI	89	NS
11/2/2000	1,500	NI	92	NS
12/13/2000	1,100	NI	120	ND
1/9/2001	630	NI	ND	ND
2/7/2001	520	NI	140	ND
3/9/2001	480	NI	150	ND
4/10/2001	640	NI	180	ND
5/2/2001	1,200	NI	380	ND
6/7/2001	1,600	NI	520	ND
7/11/2001	730	NI	ND	ND
8/2/2001	690	NI	390	ND
9/10/2001	660	NI	660	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES			
10/11/2001	920	NI	150	ND
11/19/2001	1,100	NI	430	ND
12/13/2001	840	NI	400	ND
1/3/2002	980	NI	620	ND
2/7/2002	660	NI	520	ND
3/11/2002	930	NI	820	ND
4/3/2002	950	NI	1,100	ND
5/16/2002	1,700	NI	1,500	ND
6/11/2002 ¹	690	NI	960	970
6/28/2002	780	NI	1,100	49
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES			
7/11/2002	1,100	NI	53	ND
8/7/2002	710	NI	50	ND
9/5/2002	720	NI	81	ND
10/3/2002	1,600	NI	280	ND
11/6/2002	730	NI	270	ND
12/5/2002	510	NI	320	ND
1/13/2003	600	NI	480	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02			
1/21/2003	NS	ND	NS	NS
2/5/2003	550	ND	560	11
3/4/2003	9	ND	670	7
4/3/2003	510	ND	460	150
5/6/2003	760	ND	640	340
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES			
6/2/2003	790	ND	410	ND
7/10/2003	670	ND	480	ND
8/1/2003	440	ND	460	ND
9/15/2003	800	ND	870	140
10/6/2003	820	ND	630	170
11/3/2003	720	ND	570	200
12/3/2003	780	ND	240	ND
1/13/2004	620	ND	490	ND
2/16/2004	570	ND	520	ND
3/9/2004	610	ND	520	25
4/6/2004	580	ND	610	640
5/4/2004	560	ND	470	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES			
6/7/2004	740	ND	250	ND
7/12/2004	470	ND	280	ND
8/5/2004	600	ND	500	34
9/8/2004	490	ND	420	120
10/11/2004	340	ND	280	140
11/10/2004	ND	ND	390	260
12/10/2004	590	ND	580	330

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

¹The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.

Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.



The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Vinyl Chloride			Acetone		
	Influent	Sump Intermediate	Effluent	Influent	Sump Intermediate	Effluent
7/18/2000	ND	NS	NS	ND	NS	ND
8/11/2000	CARBON DRUM INSTALLED					
10/11/2000	30	NS	ND	ND	NS	ND
11/21/2000	16	NS	ND	ND	NS	ND
12/13/2000	11	NS	ND	68	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED					
1/9/2001	ND	NS	ND	ND	NS	ND
2/7/2001	ND	NS	ND	330	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED					
3/9/2001	ND	NS	ND	120	NS	ND
4/10/2001	5	NS	ND	ND	NS	ND
5/2/2001	ND	NS	ND	ND	NS	ND
6/7/2001	ND	NS	ND	ND	NS	ND
7/11/2001	ND	NS	ND	ND	NS	ND
7/25/2001	NEW CARBON DRUM INSTALLED					
8/2/2001	ND	NS	ND	ND	NS	ND
9/10/2001	ND	NS	ND	ND	NS	ND
10/11/2001	12	NS	ND	ND	NS	ND
11/19/2001	5	NS	ND	ND	NS	ND
12/13/2001	4	NS	ND	ND	NS	ND
1/3/2002	ND	NS	ND	ND	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)					
2/7/2002	ND	ND	ND	ND	ND	ND
3/11/2002	ND	ND	ND	1400	ND	ND
4/3/2002	ND	ND	ND	ND	ND	ND
5/16/2002	ND	ND	ND	ND	ND	ND
6/11/2002	ND	ND	ND	ND	ND	ND
7/11/2002	ND	ND	ND	ND	ND	ND
8/7/2002	32	ND	ND	ND	ND	ND
9/5/2002	70	ND	ND	ND	ND	ND
10/3/2002	42	ND	ND	ND	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL					
11/6/2002	120	8	ND	ND	ND	ND
12/5/2002	46	4 J	ND	ND	ND	ND
1/13/2003	ND	ND	ND	ND	ND	ND
2/5/2003	ND	ND	ND	ND	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND
4/3/2003	ND	ND	ND	ND	ND	ND
5/6/2003	ND	ND	ND	ND	ND	ND
6/2/2003	ND	ND	ND	ND	ND	ND
7/10/2003	ND	ND	ND	ND	ND	ND
8/1/2003	5	ND	ND	ND	ND	ND
9/15/2003	16	ND	ND	ND	ND	ND
10/6/2003	15	ND	ND	ND	ND	ND
11/3/2003	24	4	ND	ND	ND	ND
12/3/2003	6	ND	ND	ND	ND	ND
1/13/2004	6	ND	ND	ND	ND	ND
2/4/2004	ND	ND	ND	ND	ND	ND
3/9/2004	3	ND	ND	ND	ND	ND
4/6/2004	ND	ND	ND	ND	ND	ND
5/4/2004	ND	4	ND	100	ND	ND
6/7/2004	8	4	ND	130	ND	ND
7/12/2004	48	6	ND	ND	ND	ND
8/5/2004	84	12	5	ND	ND	ND
9/8/2004	41	27	5	ND	ND	ND
9/23/2004	REPLACED BOTH CARBON DRUMS IN PLANT #2					
10/11/2004	67	ND	ND	ND	ND	ND
11/10/2004	11	ND	ND	ND	ND	ND
12/10/2004	ND	ND	ND	ND	ND	ND

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).



The Payne Firm, Inc.

TABLE 7: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	trans-1,2-Dichloroethene (trans-1,2-DCE)			cis-1,2-Dichloroethene (cis-1,2-DCE)		
	Influent	Sump Intermediate	Effluent	Influent	Sump Intermediate	Effluent
7/18/2000	ND	NS	NS	290	NS	NS
8/11/2000	CARBON DRUM INSTALLED					
10/11/2000	18	NS	ND	660	NS	ND
11/21/2000	9	NS	ND	540	NS	ND
12/13/2000	12	NS	ND	710	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED					
1/9/2001	5	NS	ND	330	NS	ND
2/7/2001	ND	NS	ND	190	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED					
3/9/2001	ND	NS	ND	30	NS	ND
4/10/2001	ND	NS	ND	130	NS	ND
5/2/2001	ND	NS	ND	26	NS	ND
6/7/2001	ND	NS	ND	7	NS	ND
7/11/2001	ND	NS	ND	28	NS	7
7/25/2001	NEW CARBON DRUM INSTALLED					
8/2/2001	ND	NS	ND	ND	NS	ND
9/10/2001	ND	NS	ND	ND	NS	ND
10/11/2001	ND	NS	ND	72	NS	ND
11/19/2001	ND	NS	ND	36	NS	ND
12/13/2001	ND	NS	ND	14	NS	ND
1/3/2002	ND	NS	ND	ND	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)					
2/7/2002	ND	ND	ND	ND	ND	ND
3/11/2002	ND	ND	ND	ND	ND	ND
4/3/2002	ND	ND	ND	ND	ND	ND
5/16/2002	ND	ND	ND	ND	ND	ND
6/11/2002	ND	ND	ND	ND	ND	ND
7/11/2002	ND	ND	ND	ND	ND	ND
8/7/2002	6	ND	ND	330	ND	ND
9/5/2002	10	ND	ND	390	ND	ND
10/3/2002	6	ND	ND	410	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL					
11/6/2002	16	ND	ND	800	5	ND
12/5/2002	ND	ND	ND	470	11	ND
1/13/2003	ND	ND	ND	35	ND	ND
2/5/2003	ND	ND	ND	58	ND	ND
3/4/2003	ND	ND	ND	25	ND	ND
4/3/2003	ND	ND	ND	33	ND	ND
5/6/2003	18	ND	ND	240	ND	ND
6/2/2003	ND	ND	ND	65	ND	ND
7/10/2003	ND	ND	ND	36	ND	ND
8/1/2003	ND	ND	ND	62	ND	ND
9/15/2003	6	ND	ND	230	ND	ND
10/6/2003	ND	ND	ND	170	ND	ND
11/3/2003	ND	ND	ND	210	ND	ND
12/3/2003	ND	ND	ND	98	ND	ND
1/13/2004	ND	ND	ND	110	ND	ND
2/4/2004	ND	ND	ND	110	ND	ND
3/9/2004	4	ND	ND	160	ND	ND
4/6/2004	ND	ND	ND	150	ND	ND
5/4/2004	ND	ND	ND	80	ND	ND
6/7/2004	ND	ND	ND	130	ND	ND
7/12/2004	6	ND	ND	250	ND	ND
8/5/2004	7	ND	ND	310	ND	ND
9/8/2004	7	ND	ND	300	7	ND
9/23/2004	REPLACE SECOND CARBON VESSEL					
10/11/2004	7	ND	ND	320	ND	ND
11/10/2004	8	ND	ND	380	ND	ND
12/10/2004	6	ND	ND	290	ND	ND

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).



The Payne Firm, Inc.

TABLE 7: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Trichloroethene (TCE)			Tetrachloroethene (PCE)		
	Influent	Sump Intermediate	Effluent	Influent	Sump Intermediate	Effluent
7/18/2000	90	NS	NS	83	NS	NS
8/11/2000	CARBON DRUM INSTALLED					
10/11/2000	130	NS	ND	120	NS	ND
11/21/2000	120	NS	ND	180	NS	ND
12/13/2000	140	NS	ND	170	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED					
1/9/2001	96	NS	ND	150	NS	ND
2/7/2001	36	NS	ND	55	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED					
3/9/2001	11	NS	ND	17	NS	ND
4/10/2001	32	NS	ND	37	NS	ND
5/2/2001	12	NS	ND	15	NS	ND
6/7/2001	7	NS	ND	5	NS	ND
7/11/2001	7	NS	ND	6	NS	ND
7/25/2001	NEW CARBON DRUM INSTALLED					
8/2/2001	ND	NS	ND	ND	NS	ND
9/10/2001	ND	NS	ND	ND	NS	ND
10/11/2001	ND	NS	ND	ND	NS	ND
11/19/2001	5	NS	ND	5	NS	ND
12/13/2001	6	NS	ND	5	NS	ND
1/3/2002	7	NS	ND	6	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)					
2/7/2002	7	ND	ND	ND	ND	ND
3/11/2002	6	ND	ND	ND	ND	ND
4/3/2002	7	ND	ND	5	ND	ND
5/16/2002	6	ND	ND	ND	ND	ND
6/11/2002	ND	ND	ND	ND	ND	ND
7/11/2002	9	ND	ND	ND	ND	ND
8/7/2002	15	ND	ND	11	ND	ND
9/5/2002	33	ND	ND	29	ND	ND
10/3/2002	16	ND	ND	16	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL					
11/6/2002	22	ND	ND	22	ND	ND
12/5/2002	14	ND	ND	13	ND	ND
1/13/2003	ND	ND	ND	ND	ND	ND
2/5/2003	6	ND	ND	7	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND
4/3/2003	6	ND	ND	ND	ND	ND
5/6/2003	12	ND	ND	11	ND	ND
6/2/2003	6	ND	ND	5	ND	ND
7/10/2003	ND	ND	ND	ND	ND	ND
8/1/2003	6	ND	ND	ND	ND	ND
9/15/2003	26	ND	ND	15	ND	ND
10/6/2003	22	ND	ND	14	ND	ND
11/3/2003	27	ND	ND	25	ND	ND
12/3/2003	17	ND	ND	15	ND	ND
1/13/2004	18	ND	ND	11	ND	ND
2/4/2004	24	ND	ND	15	ND	ND
3/9/2004	25	ND	ND	17	ND	ND
4/6/2004	21	ND	ND	13	ND	ND
5/4/2004	16	ND	ND	11	ND	ND
6/7/2004	20	ND	ND	12	ND	ND
7/12/2004	68	ND	ND	58	ND	ND
8/5/2004	53	ND	ND	60	ND	ND
9/8/2004	110	ND	ND	120	ND	ND
9/23/2004	REPLACE SECOND CARBON VESSEL					
10/11/2004	100	ND	ND	170	ND	ND
11/10/2004	75	ND	ND	150	ND	ND
12/10/2004	37	ND	ND	94	ND	ND

NS = not sampled

ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).



The Payne Firm, Inc.

TABLE 7: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)		
	Influent	Sump Intermediate	Effluent
7/18/2000	ND	NS	ND
8/11/2000	CARBON DRUM INSTALLED		
10/11/2000	ND	NS	ND
11/21/2000	ND	NS	ND
12/13/2000	17	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED		
1/9/2001	ND	NS	ND
2/7/2001	ND	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED		
3/9/2001	ND	NS	ND
4/10/2001	ND	NS	ND
5/2/2001	ND	NS	ND
6/7/2001	ND	NS	ND
7/11/2001	ND	NS	ND
7/25/2001	NEW CARBON DRUM INSTALLED		
8/2/2001	ND	NS	ND
9/10/2001	ND	NS	ND
10/11/2001	ND	NS	ND
11/19/2001	ND	NS	ND
12/13/2001	ND	NS	ND
1/3/2002	ND	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)		
2/7/2002	ND	ND	ND
3/11/2002	ND	ND	ND
4/3/2002	ND	ND	ND
5/16/2002	ND	ND	ND
6/11/2002	ND	ND	ND
7/11/2002	ND	ND	ND
8/7/2002	ND	ND	ND
9/5/2002	ND	ND	ND
10/3/2002	ND	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL		
11/6/2002	ND	ND	ND
12/5/2002	ND	ND	ND
1/13/2003	ND	ND	ND
2/5/2003	ND	ND	ND
3/4/2003	ND	ND	ND
4/3/2003	ND	ND	ND
5/6/2003	ND	ND	ND
6/2/2003	ND	ND	ND
7/10/2003	ND	ND	ND
8/1/2003	ND	ND	ND
9/15/2003	ND	ND	ND
10/6/2003	ND	ND	ND
11/3/2003	ND	ND	ND
12/3/2003	ND	ND	ND
1/13/2004	ND	ND	ND
2/4/2004	ND	ND	ND
3/9/2004	ND	ND	ND
4/6/2004	ND	ND	ND
5/4/2004	ND	ND	ND
6/7/2004	ND	ND	ND
7/12/2004	ND	ND	ND
8/5/2004	ND	ND	ND
9/8/2004	ND	ND	ND
9/23/2004	REPLACE SECOND CARBON VESSEL		
10/11/2004	ND	ND	ND
11/10/2004	ND	ND	ND
12/10/2004	ND	ND	ND

NS = not sampled

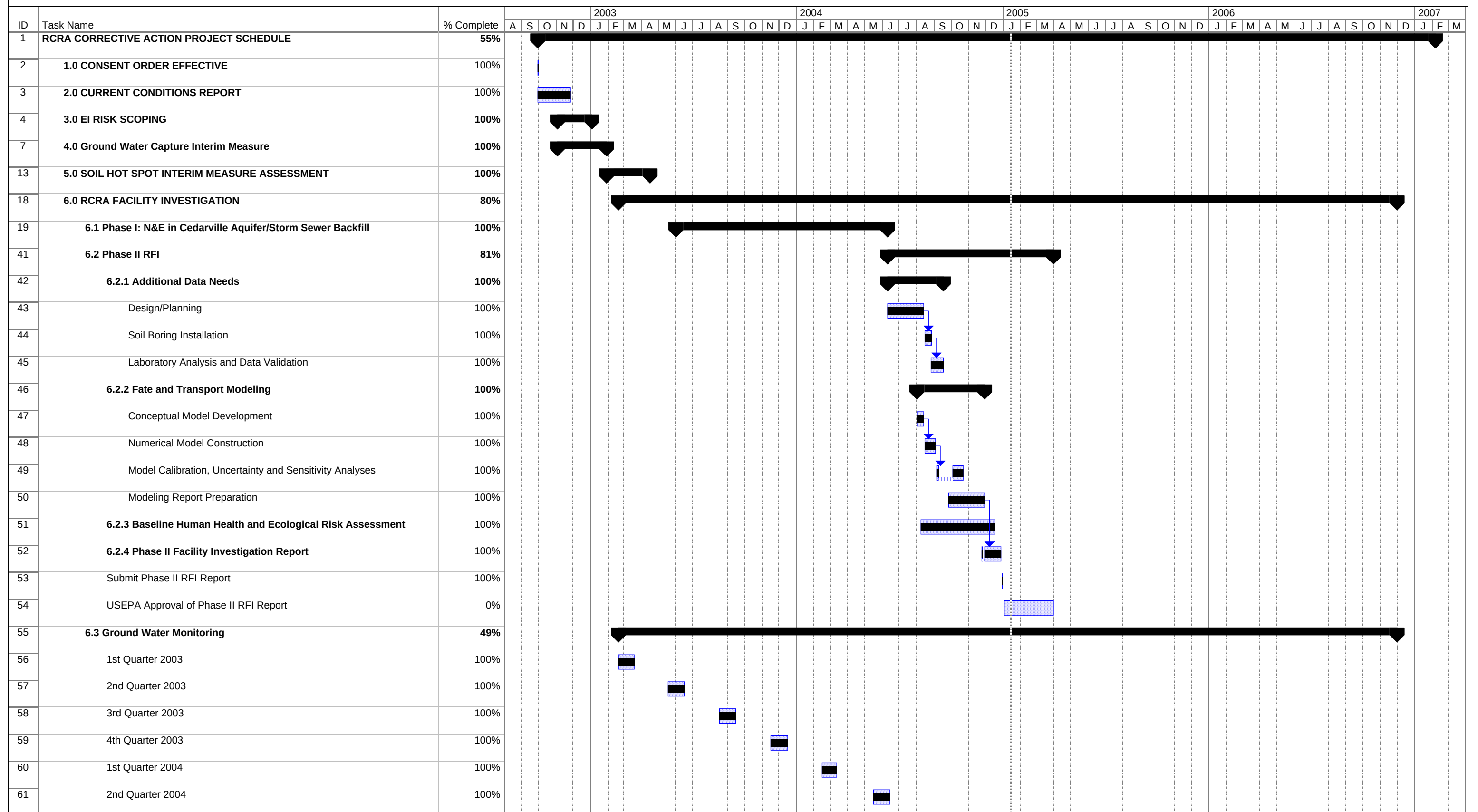
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).

J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

Vernay Laboratories, Inc.
Project No. 0292.11.26
January 13, 2005

RCRA CORRECTIVE ACTION PROJECT SCHEDULE Through Q4, 2004

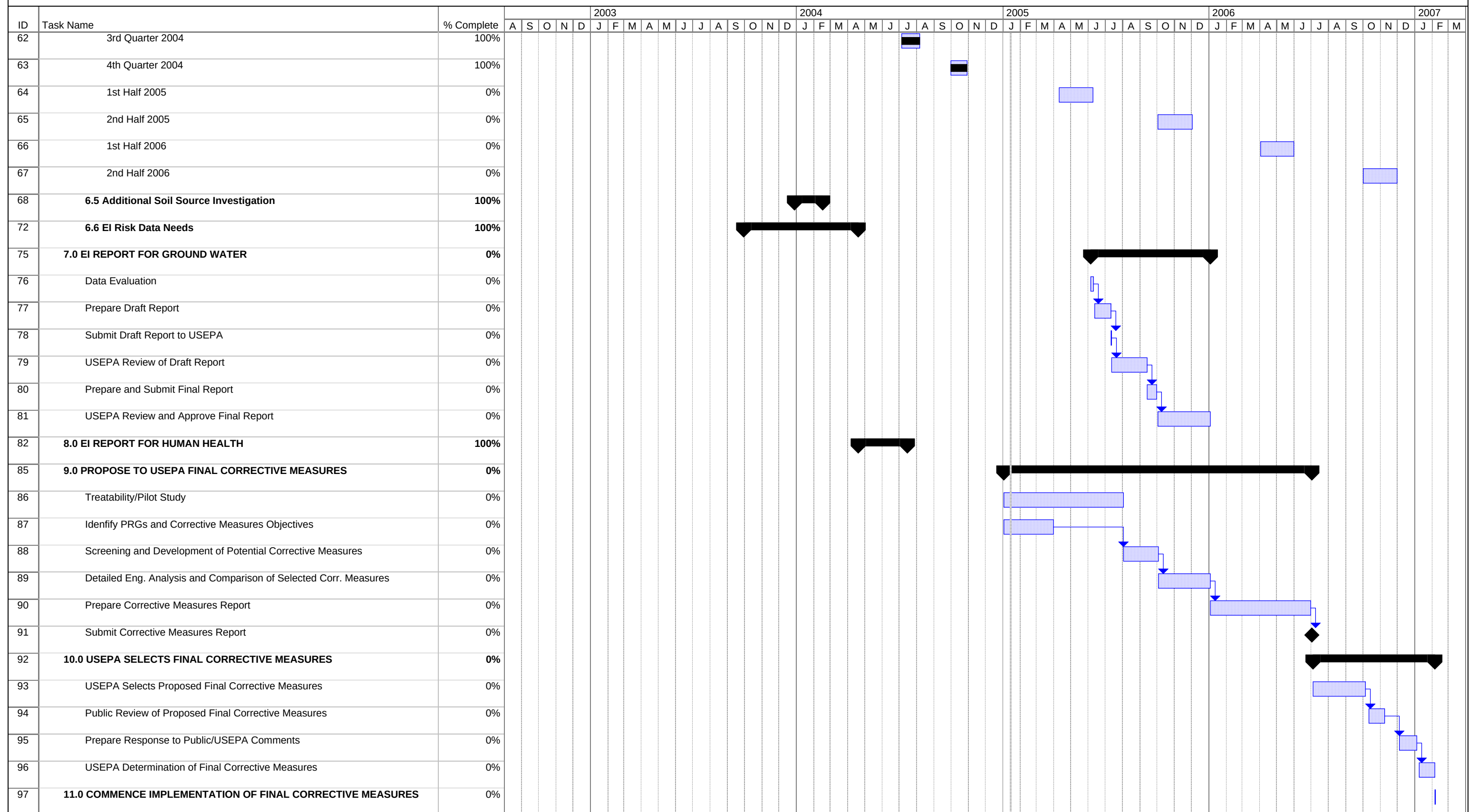
Task	Start Date	End Date	Duration (Days)	Dependencies
Task 1: Initial Planning	2023-01-01	2023-01-15	15	
Task 2: Requirement Gathering	2023-01-15	2023-02-01	17	Task 1
Task 3: System Design	2023-02-01	2023-02-28	28	Task 2
Task 4: Development	2023-02-28	2023-04-15	48	Task 3
Task 5: Testing	2023-04-15	2023-05-01	17	Task 4
Task 6: Deployment	2023-05-01	2023-05-15	15	Task 5



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Table 8: Project Schedule



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