SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER

```
*-------------------------------------------
|                  *                    *
|                * *(+)DM-3             ***
|               *   * (DWGD)          * * *
|              *     *                  *
|              *       *(+)DM-2         *
|              *        * (DWGD)        *
|              *         *             NORTH
|      DM-4(+) *          *
|     (UPGD)   *   D-2     *
|               *          *
|                **         *(+)DM-1
|                  **        * (DWGD)
|                    ***      *
|----------|            ********
| MILL     |
|          |
*------------- LORAIN WORKS * D-2 ----------
```

CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

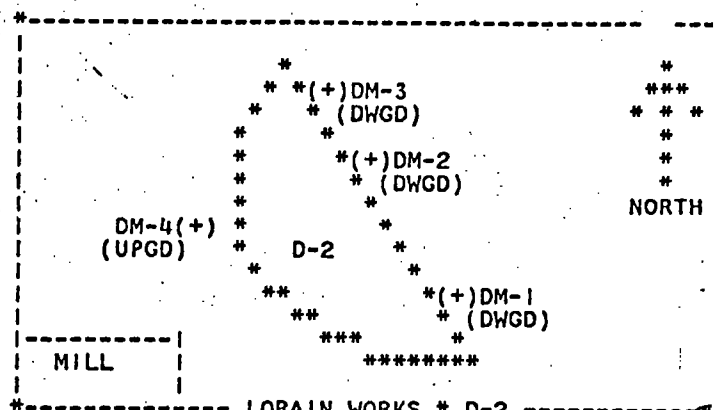
SITE: D-2 SAMPLING POINT: DM-2
TYPE: WELL DOWNGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANC
ARSENIC	MG/L	0.05	0.008	0.04	0.05	0.008		
BARIUM	MG/L	1.0	4.	LT1.	LT0.8	LT0.1		
CADMIUM	MG/L	0.01	LT0.01	LT0.01	LT0.001	LT0.01		
CHROMIUM	MG/L	0.05	0.19	LT0.02	0.03	0.03		
FLUORIDE	MG/L	1.4-2.4	3.4	4.	3.1	2.6		
LEAD	MG/L	0.05	0.18	LT0.04	0.007	LT0.05		
MERCURY	MG/L	0.002	0.004	LT0.001	LT0.0002	LT0.001		
NITRATE	MG/L	10.	LT0.01	LT0.01	0.2	LT0.01		
SELENIUM	MG/L	0.01	LT0.002	0.003	0.007	LT0.002		
SILVER	MG/L	0.05	LT0.01	LT0.01	LT0.01	LT0.02		
ENDRIN	MG/L	0.0002	LT0.0001	LT0.0001	LT0.0001	LT0.0001		
LINDANE	MG/L	0.004	LT0.0001	LT0.0001	LT0.002	LT0.0001		
METHOXYCHLOR	MG/L	0.1	LT0.0005	LT0.0005	LT0.05	LT0.0005		
TOXAPHENE	MG/L	0.005	LT0.0005	LT0.001	LT0.0025	LT0.001		
2,4-D	MG/L	0.1	LT0.00014	LT0.0001	LT0.05	LT0.001		
2,4,5-TP (SILVEX)	MG/L	0.01	LT0.0004	LT0.00005	LT0.005	LT0.0005		
RADIUM	PCI/L	5.	LT3.	LT5.	*NO DATA*	LT5.		
GROSS ALPHA	PCI/L	15.	LT5.	10.	LT0.5	LT5.		
GROSS BETA	PCI/L	*	LT50.	50.	38.+/-3.	20.		
TOTAL COLIFORM	COL/100ML	LT 1	2.	LT1.	LT1.	LT1.		
CHLORIDE	MG/L		550.	560.	600.	790.		
IRON	MG/L		96.	0.12	2.8	42.		
MANGANESE	MG/L		4.4	LT0.01	0.12	0.15		
PHENOLS	MG/L		1.	2.9	0.42	0.73		
SODIUM	MG/L		760.	480.	60.	400.		
SULFATE	MG/L		230.	230.	22.	210.		
PH	SU		*NO DATA*	10.4	10.3	9.6		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	1.0100E+01	1.9000E-0
SPECIFIC CONDUCTANCE	UMHOS/CM		2300.	2050.	2400.	2900.		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	2.4125E+03	1.2729E+0
TOTAL ORGANIC CARBON	MG/L		180.	73.	62.	79.		
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		

US EPA RECORDS CENTER REGION 5
474163

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER



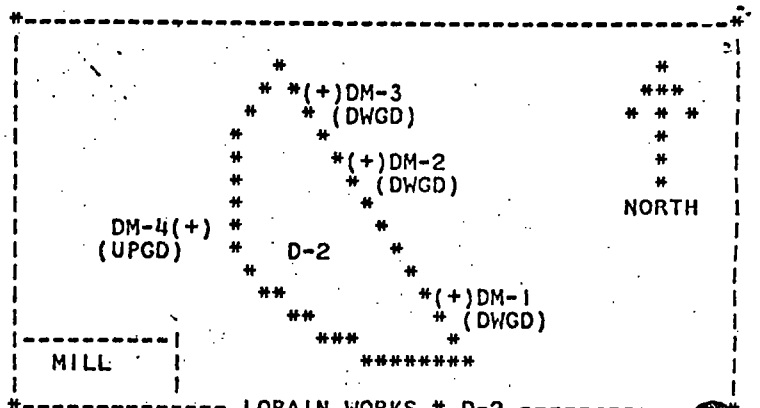
CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-2
TYPE: WELL DOWNGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	9.8500E+01	3.0017E+0
TOTAL ORGANIC HALOGEN	MG/L		LT0.356	LT0.86	0.148	LT0.552		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	4.7900E-01	9.1727E-0
GROUND WATER ELEVATION	FT MSL		*NO DATA*	578.7	578.4	577.1		
TEMPERATURE	C		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SOLIDS, DISS. - TDS	MG/L		*NO DATA*	*NO DATA*	1760.	*NO DATA*		

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER



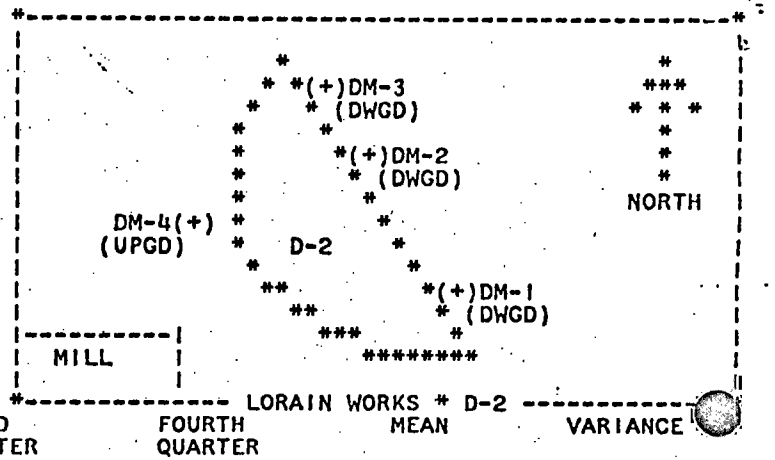
CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-3
TYPE: WELL DOWNGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
ARSENIC	MG/L	0.05	LT0.004	0.003	0.017	LT0.002		
BARIUM	MG/L	1.0	LT1.	LT1.	LT0.8	LT0.2		
CADMIUM	MG/L	0.01	LT0.01	LT0.01	0.0013	LT0.01		
CHROMIUM	MG/L	0.05	0.028	LT0.02	C.12	LT0.02		
FLUORIDE	MG/L	1.4-2.4	3.5	3.8	3.6	3.9		
LEAD	MG/L	0.05	0.12	0.048	0.047	LT0.05		
MERCURY	MG/L	0.002	0.002	LT0.001	LT0.0002	LT0.001		
NITRATE	MG/L	10.	0.05	0.7	LT0.1	0.17		
SELENIUM	MG/L	0.01	LT0.002	0.007	LT0.005	0.002		
SILVER	MG/L	0.05	0.013	0.014	LT0.01	LT0.02		
ENDRIN	MG/L	0.0002	LT0.0001	LT0.0001	LT0.0001	LT0.0001		
LINDANE	MG/L	0.004	LT0.0001	LT0.0001	LT0.002	LT0.0001		
METHOXYCHLOR	MG/L	0.1	LT0.0005	LT0.0005	LT0.05	LT0.0005		
TOXAPHENE	MG/L	0.005	LT0.0005	LT0.001	LT0.0025	LT0.001		
2,4-D	MG/L	0.1	LT0.00014	LT0.0001	LT0.05	LT0.001		
2,4,5-TP (SILVEX)	MG/L	0.01	LT0.0004	LT0.00005	LT0.005	LT0.0005		
RADIUM	PCI/L	5.	LT3.	LT5.	*NO DATA*	LT5.		
GROSS ALPHA	PCI/L	15.	LT5.	LT5.	LT10.	LT5.		
GROSS BETA	PCI/L	*	100.	50.	160.+/-20.	27.		
TOTAL COLIFORM	COL/100ML	LT 1	LT1.	LT1.	LT1.	LT1.		
CHLORIDE	MG/L		730.	540.	850.	920.		
IRON	MG/L		3.6	0.058	23.	84.		
MANGANESE	MG/L		0.18	0.016	2.3	LT0.02		
PHENOLS	MG/L		2.2	0.85	0.89	1.4		
SODIUM	MG/L		810.	440.	70.	520.		
SULFATE	MG/L		440.	460.	350.	340.		
PH	SU		*NO DATA*	12.2	11.7	11.5		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	1.1800E+01	1.3000E-01
SPECIFIC CONDUCTANCE	UMHOS/CM		4300.	6000.	8000.	7300.		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	6.4000E+03	2.6467E+06
TOTAL ORGANIC CARBON	MG/L		64.	34.	40.	53.		
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER



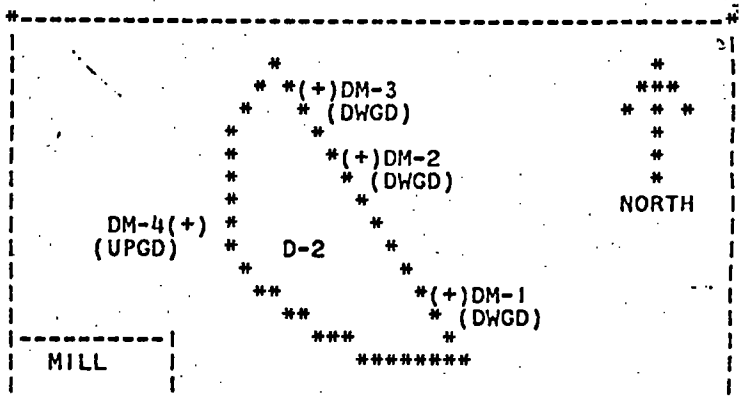
CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-4
TYPE: WELL UPGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
TOTAL ORGANIC CARBON	MG/L		26.	5.	8.	11.	1.1375E+01	5.0117E+01
TOTAL ORGANIC HALOGEN	MG/L		0.007	0.003	0.294	0.004		
TOTAL ORGANIC HALOGEN	MG/L		0.257	0.004	0.437	0.424		
TOTAL ORGANIC HALOGEN	MG/L		0.036	0.057	0.229	0.069		
TOTAL ORGANIC HALOGEN	MG/L		0.026	0.012	0.162	0.544	1.6031E-01	3.3124E-02
GROUND WATER ELEVATION	FT MSL		*NO DATA*	619.9	619.5	619.		
TEMPERATURE	C		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SOLIDS, DISS. - TDS	MG/L		*NO DATA*	*NO DATA*	2080.	*NO DATA*		

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER



CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-4
TYPE: WELL UPGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
ARSENIC	MG/L	0.05	LT0.004	0.007	0.006	LT0.002		
BARIUM	MG/L	1.0	2.	LT1.	LT0.8	LT0.1		
CADMIUM	MG/L	0.01	0.01	LT0.01	0.0014	LT0.01		
CHROMIUM	MG/L	0.05	0.056	LT0.02	LT0.03	LT0.02		
FLUORIDE	MG/L	1.4-2.4	0.6	0.73	0.27	0.55		
LEAD	MG/L	0.05	0.13	LT0.04	0.011	LT0.05		
MERCURY	MG/L	0.002	0.002	LT0.001	0.0002	LT0.001		
NITRATE	MG/L	10.	LT0.01	LT0.01	0.32	LT0.01		
SELENIUM	MG/L	0.01	LT0.002	LT0.002	LT0.005	LT0.002		
SILVER	MG/L	0.05	LT0.01	0.012	LT0.01	LT0.02		
ENDRIN	MG/L	0.0002	LT0.0001	LT0.0001	LT0.0001	LT0.0001		
LINDANE	MG/L	0.004	LT0.0001	LT0.0001	LT0.002	LT0.0001		
METHOXYCHLOR	MG/L	0.1	LT0.0005	LT0.0005	LT0.05	LT0.0005		
TOXAPHENE	MG/L	0.005	LT0.0005	LT0.001	LT0.0025	LT0.001		
2,4-D	MG/L	0.1	LT0.00014	LT0.0001	LT0.05	LT0.001		
2,4,5-TP (SILVEX)	MG/L	0.01	LT0.0004	LT0.00005	LT0.005	LT0.0005		
RADIUM	PCI/L	5.	LT3.	LT5.	*NO DATA*	LT5.		
GROSS ALPHA	PCI/L	15.	LT5.	LT5.	LT5.	LT5.		
GROSS BETA	PCI/L	*	LT50.	LT15.	16.+/-4.	LT8.		
TOTAL COLIFORM	COL/100ML	LT 1	61.	LT1.	LT1.	500.		
CHLORIDE	MG/L		88.	2.3	84.	78.		
IRON	MG/L		42.	1.3	31.	5.2		
MANGANESE	MG/L		7.4	4.	3.6	2.		
PHENOLS	MG/L		LT0.01	LT0.01	0.018	0.11		
SODIUM	MG/L		120.	70.	70.	34.		
SULFATE	MG/L		1200.	1400.	1020.	650.		
PH	SU		*NO DATA*	6.8	6.2	6.5		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	6.5000E+00	9.0000E-02
SPECIFIC CONDUCTANCE	UMHOS/CM		1975.	2100.	2300.	1800.		
SPECIFIC CONDUCTANCE	UMHOS/CM		2000.	2100.	2300.	1800.		
SPECIFIC CONDUCTANCE	UMHOS/CM		2050.	2150.	2300.	1800.		
SPECIFIC CONDUCTANCE	UMHOS/CM		2100.	2200.	2300.	1900.	2.0734E+03	3.3289E+04
TOTAL ORGANIC CARBON	MG/L		15.	4.	7.	10.		
TOTAL ORGANIC CARBON	MG/L		22.	5.	9.	11.		
TOTAL ORGANIC CARBON	MG/L		25.	5.	8.	11.		

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER

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*-------------------------------------------------------*
|                  *                                    *
|                 * *(+)DM-3                            ***
|                *   * (DWGD)                          * * *
|               *     *                                 *
|               *      *(+)DM-2                         *
|               *       * (DWGD)                        *
|               *        *                             NORTH
|     DM-4(+)   *         *
|    (UPGD)     *   D-2    *
|                *          *
|                **          *(+)DM-1
|                  **         * (DWGD)
|----------|         ***      *
| MILL     |            ********
|          |
*-------------- LORAIN WORKS * D-2 ---------------*
```

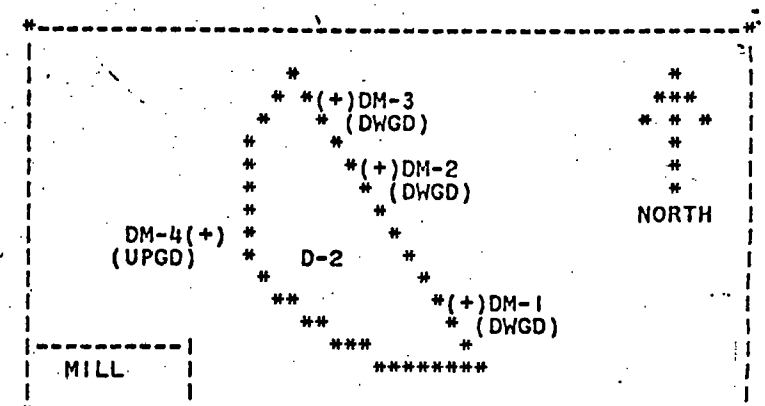
CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-3
TYPE: WELL DOWNGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	4.7750E+01	1.8025E+02
TOTAL ORGANIC HALOGEN	MG/L		LT0.356	LT0.86	0.168	LT0.552		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	4.8400E-01	8.7413E-02
GROUND WATER ELEVATION	FT MSL		*NO DATA*	581.3	580.9	580.4		
TEMPERATURE	C		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SOLIDS, DISS. - TDS	MG/L		*NO DATA*	*NO DATA*	4700.	*NO DATA*		

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER



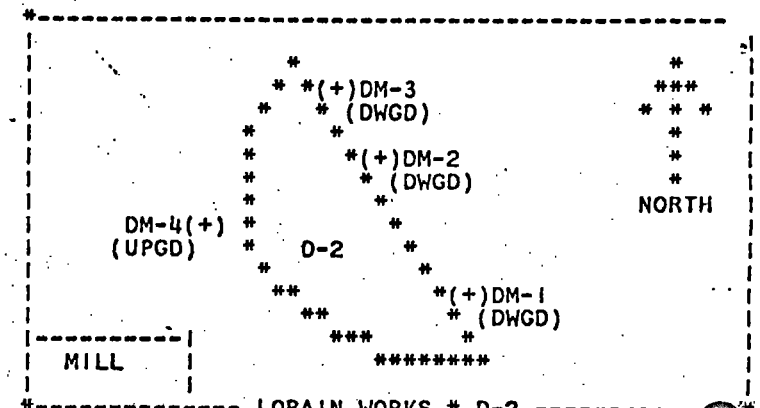
CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-1
TYPE: WELL DOWNGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
ARSENIC	MG/L	0.05	0.006	0.003	0.026	LT0.002		
BARIUM	MG/L	1.0	2.	LT1.	LT0.8	LT0.1		
CADMIUM	MG/L	0.01	LT0.01	LT0.01	LT0.001	LT0.01		
CHROMIUM	MG/L	0.05	LT0.02	LT0.02	LT0.03	LT0.02		
FLUORIDE	MG/L	1.4-2.4	0.5	0.27	0.36	0.49		
LEAD	MG/L	0.05	LT0.1	LT0.04	0.006	LT0.05		
MERCURY	MG/L	0.002	0.007	LT0.001	LT0.0002	LT0.001		
NITRATE	MG/L	10.	LT0.01	LT0.01	0.42	LT0.01		
SELENIUM	MG/L	0.01	LT0.002	LT0.002	LT0.005	LT0.002		
SILVER	MG/L	0.05	LT0.01	LT0.01	LT0.01	LT0.02		
ENDRIN	MG/L	0.0002	LT0.0001	LT0.0001	LT0.0001	LT0.0001		
LINDANE	MG/L	0.004	LT0.0001	LT0.0001	LT0.002	LT0.0001		
METHOXYCHLOR	MG/L	0.1	LT0.0005	LT0.0005	LT0.05	LT0.0005		
TOXAPHENE	MG/L	0.005	LT0.0005	LT0.001	LT0.0025	LT0.001		
2,4-D	MG/L	0.1	LT0.00014	LT0.0001	LT0.05	LT0.001		
2,4,5-TP (SILVEX)	MG/L	0.01	LT0.0004	LT0.00005	LT0.005	LT0.0005		
RADIUM	PCI/L	5.	LT3.	LT5.	*NO DATA*	LT5.		
GROSS ALPHA	PCI/L	15.	LT5.	LT5.	LT3.	LT5.		
GROSS BETA	PCI/L	*	LT50.	LT15.	7.0+/-2.5	15.		
TOTAL COLIFORM	COL/100ML	LT 1	24.	LT1.	10.	220.		
CHLORIDE	MG/L		80.	63.	70.	65.		
IRON	MG/L		78.	50.	77.	0.12		
MANGANESE	MG/L		4.	2.	2.3	2.2		
PHENOLS	MG/L		LT0.01	LT0.01	0.02	LT0.01		
SODIUM	MG/L		80.	52.	70.	36.		
SULFATE	MG/L		510.	540.	49.	440.		
PH	SU		*NO DATA*	7.	6.5	6.5		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
PH	SU		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	6.6667E+00	8.3333E-02
SPECIFIC CONDUCTANCE	UMHOS/CM		1080.	1050.	1180.	1100.		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SPECIFIC CONDUCTANCE	UMHOS/CM		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	1.1025E+03	3.0917E+03
TOTAL ORGANIC CARBON	MG/L		26.	10.	11.	13.		
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		

SUMMARY OF INITIAL YEAR DATA (SR-1) REPORT DATE: 12 MAY 83

TABULATION OF PARAMETERS BY FACILITY, SITE, SAMPLING POINT, AND QUARTER



CLIENT: U.S. STEEL CORPORATION
FACILITY: LORAIN WORKS
LOCATION: LORAIN, OHIO

SITE: D-2 SAMPLING POINT: DM-1
TYPE: WELL DOWNGRADIENT

PARAMETER	UNITS	REGULATORY LIMIT	FIRST QUARTER 11/19/81	SECOND QUARTER 02/17/82	THIRD QUARTER 06/03/82	FOURTH QUARTER 09/14/82	MEAN	VARIANCE
TOTAL ORGANIC CARBON	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	1.5000E+01	5.5333E+01
TOTAL ORGANIC HALOGEN	MG/L		LT0.356	LT0.86	0.129	LT0.552		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
TOTAL ORGANIC HALOGEN	MG/L		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*	4.7425E-01	9.6010E-02
GROUND WATER ELEVATION	FT MSL		*NO DATA*	575.	574.7	573.7		
TEMPERATURE	C		*NO DATA*	*NO DATA*	*NO DATA*	*NO DATA*		
SOLIDS, DISS. - TDS	MG/L		*NO DATA*	*NO DATA*	1060.	*NO DATA*		

35-10

Table 2-9. Effluent limitations and monitoring requirments with average daily loading (kg/d) at Stanadyne-Moen Division in Elyria.

RS-8410-BC OH-0178-13

Effluent Characteristic		NPDES Permit Limitations		Monitoring Req.		Average Daily Loading	
Parameter	Reporting Unit	Loading 30 Day Average	kg/d Daily Average	Meas. Freq.	Sample Type	Annual[b] kg/d	3rd Qtr.[c] kg/d
Flow	MGD	-	-	1/Week	Cont.	0.14	0.06
Suspended Solids	mg/l	12.5	2.5	1/Week	Comp.	3.0	2.0
Cyanide (Free)	mg/l	0.07	0.1	1/Week	Comp.	0.018	0.006
Chromium (Hex.)	ug/l	0.13	0.2	1/Week	Comp.	0.082	0.018
Chromium (Tri.)	ug/l	0.65	1.0	1/Week	Comp.	0.182	0.044
Copper (Tot.)	ug/l	1.25	1.9	1/Week	Comp.	0.259	0.121
Nickel (Tot.)	ug/l	1.25	1.9	1/Week	Comp.	0.457	0.069
Zinc (Tot.)	ug/l	0.65	1.0	1/Week	Comp.	0.074	0.080

[a] The pH shall not be less than 6.5 S.U. nor greater than 9.5 S.U. and shall be monitored by grab samples at least three times per operating shift.

[b] 1982, 1983, (Ohio EPA, LEAPS).

[c] 1982, 1983, 1984. (Ohio EPA, LEAPS)

U.S. Steel Lorain Works

The U.S. Steel Corporation Lorain Works is a fully integrated steel mill in which finished and semi-finished steel products are manufactured. The facility is located at 1807 E. 28th Street adjacent to the estuarine section of the Lower Black River.

Four major areas of production are located within the facility: the coke plant area, the blast furnace area, the steel plant area, and the hot forming area. Process and cooling water are pumped from the river through two intakes and discharged through five final outfalls.

Director's Findings and Orders were filed on June 30, 1977, regarding a proposed NPDES Permit No. D328*AD which was issued on August 30, 1974. The Director found that U.S. Steel requested adjudication hearings on October 30, 1974, an Examiner's Report and Recommendations were submitted on April 29, 1977, and the Director accepted the Examiner's Recommendations. The Director's

Orders stated that the Report and Recommendations of the Hearing Examiner were adopted and incorporated with the issuance of a final NPDES permit.

An Abatement Order was filed on July 12, 1977, which directed U.S. Steel to comply with the terms and conditions of NPDES Permit No. 328*AD. An attached Enforcement Compliance Schedule Letter was agreed to by U.S. Steel. A subsequent Compliance Monitoring Evaluation at the Lorain Works of U.S. Steel on August 29, 1979, found U.S. Steel to be in substantial compliance with the permit and associated abatement orders.

An NPDES permit renewal was public noticed on March 24, 1982, parameters limited in the permit were: total suspended solids, oil and grease, ammonia, total cyanide, phenols, chlorine residual, total lead, total zinc, and thermal loadings. OEPA Permit No. 3ID00028*CD was issued November 16, 1983, with an expiration date of November 13, 1988. An attached schedule of compliance ordered U.S. Steel to construct a pipemill lagoon recycle system, initiate a coke plant monitoring system, and construct a coke plant and blast furnace blowdown treatment system. Additional requirements included: recycle of the chromate rinse water from the galvanizing line, prevention of runoff and excess spray water from the ferro slag recovery operation from reaching outfall 002, insurance that process wastewater from the sinter plant area is treated, and prevention of water and storm water runoff from the spent acid pond from reaching the Black River.

U.S. Steel agreed to reimburse the U.S. Army Corps of Engineers for the actual cost of dredging and disposal of the net suspended solids (greater than 0.5 tons/d) discharged by it, including the appropriate share of the cost of constructing, maintaining, and operating diked disposal facilities to contain the dredged material. A modification of the NPDES permit was issued on April 3, 1983, reflecting the suspension of coking operations in October, 1983. On August 30, 1984, U.S. Steel notified Ohio EPA that the pipe mill lagoon recycle system was completely constructed. However, a September 13, 1984, Compliance Evaluation Report prepared by the NEDO found that the cooling tower for the pipe mill lagoon recycle system had been destroyed by fire in May, 1984. This report also noted that ammonia concentrations and flows at the coke plant outfall were considered excessive.

An amendment to the Consent Decree of June 21, 1980, issued on December 2, 1982, requested that U.S. Steel complete a study to determine the nature and extent of bottom sediment and sludge deposition resulting from past discharge at the coke plant. Under another term, U.S. Steel should complete dredging the river bottom in the immediate vicinity of the coke plant outfall, beginning twelve (12) months after study approval by U.S. EPA.

Sampling stations at river intakes, treatment discharges, and river outfalls are listed in Table 2-10. This table also contains average daily flows and thermal loadings during the 3rd quarter of 1984. Thermal loadings are based on the 24 hour average daily flow times the difference between the 24 hour average influent and effluent temperature.

Table 2-10. Description, location, and existing daily flows at sampling stations specified for U.S. Steel Corp. - Lorain Works.

Station	Description	Location	Average Daily Flow MGD[a]	Thermal Load 10^6 BTU/hr.
001	Pipe Mill Lagoon Outfall	RM 5.0	47.5	23.1
002	Coke Plant Outfall	RM 3.5	0.7	-
003	Ore Dock Outfall	RM 2.5	32.5	160.2
004	Ore Dock Outfall	RM 2.5	0.5	2.3
005	Bar Mill Outfall	RM 3.9	2.3	3.4
601	Reservoir No. 2 Effluent	To 003, 004		
602	Blast Furnace Treatment Blowdown	To 004		
603	Continuous Caster Blowdown	To 601		
901	River Intake at Pumphouse 2	RM 2.8		
902	River Intake at Pumphouse 3	RM 3.9		

[a] 3rd Qtr. 1984 (Ohio EPA, LEAPS).

The coke plant area includes 420 coke ovens with auxiliary coal preparation, gas cleaning, and by-product recovery equipment. The coal distillation process was capable of recovering crude coal tar, ammonium sulfate and crude light oil. Coke plant process wastewater was consumed through coke plant quenching while non-contact cooling water and process leaks were discharged through outfall 002. Non-contact cooling water picked up significant thermal loadings as it passed through the primary coolers. Ammonia, cyanide, phenol, and oil contaminants in the effluent were attributed to minor process leaks. Table 2-11 lists the interim effluent limitations and monitoring requirements at Station 002 when the Coke Plant was operating and the average daily loading prior to and following the shut down of the Coke Plant.

Coke production was suspended at the Lorain Works in October 1983; provisions are contained within the Ohio EPA Permit No. 3ID00028*DD for the resumption of coking operations.

a ıle - . nterim e uen. ımıtatıon and monıtorıng requıremen s expıre(July 1, 1984) with average daily loadings (kg/d) from the coke plant area at station 002.

Effluent Characteristic	NPDES Permit Limitations		Monitoring Requirements		Average Daily Loading	
	Loading kg/day		Meas.	Sample	Qtr. 3	Qtr. 3[d]
Parameter	30 day	Daily	Freq.	Type	1982	1984
Flow	-	-	Weekly	24 hr. tot.	15.8	0.7
Temperature	-	-	Weekly	24 hr. avg.	30.8	23.7
Suspended Solids	2,140	4,510	Weekly	24 hr. comp.	3,043	44
Oil & Grease	326	690	Weekly	3 grabs/24 hr.	865	11
Ammonia-N	363	623	Weekly	24 hr. comp.	177	40
Total Cyanide	19.4	39.3	Weekly	24 hr. comp.	1.4	1.2
Phenol	63.5	120	Weekly	24 hr. comp.	1.2	0.2
Benzene	N/A	N/A	Weekly	3 grabs/24 hr.	N/A	NR
Benzo(a) Pyrene	N/A	N/A	Weekly	24 hr. comp.	N/A	NR
Naphthalene	N/A	N/A	Weekly	24 hr. comp.	N/A	NR
Thermal Loading		(334) net	Weekly	24 hr. avg.	69	NR

a Intake 901 (Pump house #2) considered source of water.

b The pH shall not be less than 6.0 S.U. nor greater than 9.0 S.U. with at least 3 measurements during a 24 hour period.

c Monitoring shall be conducted for benzo(a) pyrene, and napthalene for 6 consecutive weeks prior to monitoring and maintenance.

d (Ohio EPA, LEAPS)

NR Not reported.

Five blast furnaces, a 25,000 KW power plant, a foundry, and a sintering plant are found in the blast furnace area. Most of the river water supplied to the blast furnace area are used for non-contact cooling of the condensers on the turboblowers and on the powerhouse generators, the five blast furnaces, and the blast furnace stoves. Non-contact cooling water is currently recycled through Reservoir #2. Effluent limitations, monitoring requirements, and blowdown flow from Reservoir #2 (601) are listed in Table 2-12.

A portion of the cooling water is re-used for blast furnace gas cooling and washing. Gas cooling and process wastewaters are settled for solids removal. Suspended solids, ammonia, cyanide, and phenolics are primary contaminants in the gas wash water; trace amounts of copper, chromium, lead, and zinc are also found. The blowdown from the present blast furnace treatment system (602) is directed to outfall 004. The interim effluent limitations, monitoring requirements, and average daily flow of the blast furnace treatment system blowdown are summarized in Table 2-13.

The effluent from outfall 003 and 004 are limited to non-contact cooling water, boiler blowdown water, and treated process water from the blast furnace treatment system (602) and from reservoir No. 2 (601). The effluent limitations and monitoring requirements for discharges from the ore dock outfalls are listed in Table 2-14.

A wastewater treatment system designed to handle 36,000 gpm with a solids loading of 500 to 5,000 mg/l from the five blast furnace gas washing processes was proposed. A cooling tower was proposed for spray cooling of recycled blast furnace gas cooling and cleaning water. The blowdown from the cooling tower is to be directed to either reservoir #2 or discharged through outfall 004.

Table 2-12. Final effluent limitations and monitoring requirements with average daily loading (kg/d) from #2 Reservoir (601).

Effluent Characteristic	NPDES Permit Limitation Loading kg/day		Monitoring Requirements		Average Daily Loading kg/day
Parameter	30 day	Daily	Meas. Freq.	Sample Type	Annual[c]
Flow	-	-	Weekly	24 hr. tot.	4.96
Suspended Solids	852	2,555	Weekly	24 hr. comp.	961

[a] The permittee shall discharge all the wastewater from the steel plant and continuous caster treatment system (603) into the Number 2 Reservoir (601).

[b] Intake 901 shall be considered the source of water for 601 (Reservoir No. 2).

[c] 1982, 1983. (Ohio EPA, LEAPS).

Table 2-13. Interim effluent limitations and monitoring requirements with average daily loadings from the blast furnace treatment system (602).

Effluent Characteristic	NPDES Permit Limitations		Monitoring Requirements		Average Daily Loading	
	Loading kg/day				kg/day	
Parameter	30 day	Daily	Meas. Freq.	Sample Type	Annual[c]	3rd Qtr[d]
Flow	-	-	Weekly	24 hr. tot.	0.095	0.078
Suspended Solids	108.1	324.3	Weekly	24 hr. avg.	22.15	-
Ammonia-N	397.4	1,192	Weekly	24 hr. comp.	88.53	65.87
Total Cyanide	62.3	186.9	Weekly	24 hr. comp.	0.006	0.003
Phenol	16.8	50.4	Weekly	24 hr. comp.	0.006	0.006
Temperature	-	-	Weekly	24 hr. avg.	-	31.7

[a] The pH shall be monitored weekly with at least one measurement during a continuous 24 hour period.

[b] Intake 901 shall be considered the source of water for outfall 602.

[c] 1982, 1983. (Ohio EPA, LEAPS)

[d] 1982, 1983. (Ohio EPA, LEAPS)

Table 2-14. Final effluent limitations and monitoring requirements with average daily loading (kg/d) from the ore dock outfalls (003) (004).

Effluent Characteristic	NPDES Permit Limitations	Monitoring Requirements		Average Daily Loading	
Parameter	Loading kg/day Daily	Meas. Freq.	Sample Type	3rd Qtr. 003[d]	3rd Qtr. 004[d]
Flow	-	Weekly	24 hr. tot.	33.8	1.96
Temperature	-	Weekly	24 hr. avg.	31.6	31.1
Suspended Solids	-	Weekly	24 hr. comp.	4703	2220
Ammonia-N	-	Weekly	24 hr. comp.	499	48.5
Total Cyanide	-	Monthly	24 hr. comp.	1.69	0.015
Phenol	-	Monthly	24 hr. comp.	1.12	0.045
Total Lead	-	Monthly	24 hr. comp.	49	0.069
Total Zinc	-	Monthly	24 hr. comp.	5.8	0.13
Thermal Loading	634	Weekly	Calc.	135.7	4.7
Oil & Grease	-	Monthly	Grab	179	3.9

[a] The pH shall not be less than 6.0 S.U. nor greater than 9.0 S.U. and shall be monitored weekly with at least one measurement during a continuous 24 hour period.

[b] Monitoring shall be conducted for total lead and total zinc until January 1, 1985.

[c] Intake 901 shall be considered the source of water for 003 and 004.

[d] 1982 1983, 1984. (Ohio EPA, LEAPS)

The steel plant area includes two basic oxygen process (BOP) steel making shops and auxiliary equipment, a Linde-Air separation plant, and a ferro-slag recovery operation.

The BOP shop currently generates 20,000 gpm of cooling water and 10,000 gpm of process wastewater. Both the non-contact cooling water and process wastewater are recirculated through reservoir #2. Makeup water is flocculated and clarified prior to use; underflow sludge is directed back to reservoir #2.

In the BOP process, solids laden gases from the vessels are passed through Venturi scrubbers and quenched with water to separate particulate matter from exhaust gases. The gas quench waters are directed to two clarifiers in which approximately 25% of the solids are removed. The underflow is thickened for additional solids separation. A 200 gpm blowdown from the thickener overflows is passed through a final clarifier prior to discharge to reservoir #2. The effluent limitations and monitoring requirements for the blowdown from the steel plant treatment system (603) are tabluated in Table 2-15. Cooling tower blowdown from the Linde-Air separation plant is also directed to reservoir #2.

Table 2-15. Final effluent limitations, monitoring requirements, and current daily loading (kg/d) for the blowdown from the steel plant and continuous caster treatment system (603).

Effluent Characteristic	NPDES Permit Limitations Loading kg/day		Monitoring Requirements		Average Daily Loading
Parameter	30 day	Daily	Meas. Freq.	Sample Type	kg/day[b]
Flow	-	-	Weekly	24 hr. tot.	0.22
Suspended Solids	94.8	255.8	Weekly	24 hr. comp.	22.87
Total Lead	0.63	1.88	Weekly	24 hr. comp.	0.18
Total Zinc	0.94	2.83	Weekly	24 hr. comp.	0.10

[a] The pH shall be monitored weekly with at least three measurements during a continuous 24 hour period.

[b] Qtr. 1, 2, 1984 (Ohio EPA, LEAPS).

Hot forming mills and auxiliary equipment, in addition to bar and pipe pickling lines with a batch pipe galvanizing line are included in this area. Water uses in the hot forming area are for roll cooling, high pressure scale removal, scale-flume flushing, pre-heat furnace cooling, pickling, and galvanizing rinses. Scale pits are used at the blooming, bar, and pipe mills for iron recovery.

Wastewater from these mills is directed to the pipe mill lagoon for oil and suspended solids removal. Five oil skimmers are located at the discharge end of the lagoon, the effluent is discharged through outfall 001. The final effluent limitations and monitoring requirements for discharges from the Pipe Mill Lagoon (001) are shown in Table 2-16. Table 2-17 lists the Final Effluent Limitations and Monitoring Requirements for non-contact cooling water discharged from the Bar Mills (005).

Table 2-16. Final effluent limitation and monitoring requirements with average daily loadings (kg/d) from the pipe mill lagoon (001).

Effluent Characteristic	NPDES Permit Limitations			Monitoring Requirements		Average Daily Loading	
	Concen.	Loading	kg/day	Meas.	Sample	kg/day	3rd
Parameter	Daily	30 day	Daily	Freq.	Type	Annual[c]	Qtr.[d]
Flow	-	-	-	Weekly	24 hr. tot.	52	48
Temperature	-	-	-	Weekly	24 hr. avg.	-	27
Suspended Solids	-	1,280	2,700	Weekly	24 hr. comp.	7,035	2,977
Oil & Grease	10	-	284	3 grabs	24 hr.	736	604
Total Chromium	-	-	-	Weekly	24 hr. comp.	5	4
Total Lead	-	-	-	Weekly	24 hr. comp.	-	-
Total Zinc	-	-	-	Weekly	24 hr. comp.	30	30
Thermal Loading (May 1 to Oct. 30)	30	-		Weekly	Calc.	-	27

a The pH shall not be less than 6.0 S.U. nor greater than 9.0 S.U. and shall be monitored weekly with at least 3 measurements during a continuous 24 hour period.

b Intake 902 shall be considered the source of water for 001.

c 1982, 1983. (Ohio EPA, LEAPS)

d 1982, 1983, 1984. (Ohio EPA, LEAPS)

Table 2-17. Final effluent limitation and monitoring requirements with average daily loading (kg/d) from the bar mill (005).

Effluent Characteristic	NPDES Permit Limitations	Monitoring Requirements		Average Daily Loading	
		Meas.	Sample	kg/day	3rd
Parameter	Daily	Freq.	Type	Annual[b]	Qtr.[c]
Flow	-	Weekly	24 hr. tot.	3.8	2.4
Temperature	-	Weekly	24 hr. avg.	-	28
Suspended Solids	-	Weekly	24 hr. comp.	968.5	361
Thermal Loading	40	Weekly	-	3.6	3.0
Oil & Grease	-	Weekly	-	129.9	21.1

a The pH shall not be less than 6.0 S.U. nor greater than 9.0 S.U. and shall be monitored weekly with at least one measurement during a continuous 24 hour period.

b 1982, 1983. (Ohio EPA, LEAPS)

c 1982, 1983, 1984. (Ohio EPA, LEAPS)

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

e Received 111116 Date Approved 891209 Approved by: Dal Lab Number C7645

ation USX STEEL - 006 EFFLUENT

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☐ Composite ☐☐☐☐☐☐ SC ☐ Sediment

mple Collected by STROUD

Date & Time of Sample Begin Y Y M M D D 891115 H H M M 0950

port Analysis to "

End

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample _____

FIELD MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Chlorine, Total Resd., mg/l	P50060,				
☑ Conductivity, umhos/cm	P94,	1450			
☑ Dissolved Oxygen, mg/l	P299,	6.7			
☐ Flow, CFS	P61,				
☑ pH, SU	P400,	6.7			
☑ Temperature, Water, °C	P10,	16.0			
☐ Gage Height, ft.	P65,				
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Arsenic, Total As, ug/l	P1002,				
☑ Cadmium, Total Cd, ug/l	P1027,	<0.2	12-5	PS	
☑ Calcium, Total Ca, mg/l	P916,	112	11-27	BK	
☐ Chromium, Diss. Hex Cr, ug/l	P1220,				
☑ Chromium, Total Cr, ug/l	P1034,	<30	11-27	BK	
☑ Copper, Total Cu, ug/l	P1042,	<10	11-27	BK	
☑ Iron, Total Fe, ug/l	P1045,	620	11-27	BK	
☑ Lead, Total Pb, ug/l	P1051,	<8	12-2	UB *	
☑ Magnesium, Total Mg, mg/l	P927,	19	11-27	BK	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total, Hg, ug/l	P71900,				
☑ Nickel, Total Ni, ug/l	P1067,	<40	11-27	BK	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☑ Sodium, Total Na, mg/l	P929,	219	11-28	MH	
☑ Zinc, Total, ug/l	P1092,	<10	11-27	BK	
☑ Hardness, Total $CaCO_3$, mg/l	P900,	326	12-7	KH	
☐					
☐					
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☑ BOD, 5-day, mg/l	P310,	5.9	11-16	BM	
☐ cBOD, 5-day, mg/l	P80082,				
☐ BOD, 20-day, mg/l	P324,				
☐ cBOD, 20 day, mg/1	P80087,				
☑ Carbon, Total Org, mg/l	P680,	19	11-21	BM	
☑ COD, mg/l	P335,	24	11-16	MJ	
☑ Chloride, Cl, mg/l	P940,	255	11/16	MB	
☑ Conductivity at 25° C, umhos/cm	P95,	1730	11/30	RN	
☑ Cyanide, Total, ug/l	P720,	405	11-22	MJ	
☑ Nitrate-Nitrite, as N, mg/l	P630,	<0.[illegible]	11-24	[illegible]	
☑ Nitrite, as N, mg/l	P615,	<0.02	11-17	MJ	
☑ Nitrogen, Ammonia as N, mg/l	P610,	7.93	11-30	[illegible]	
☑ Nitrogen, Total Kjeldahl, mg/l	P625,	7[illegible]	11/[illegible]	[illegible]	
☑ Oil and Grease, mg/l	P556,	<1.0	12/5	RN	
☐ pH, SU	P403,				
☑ Phenolics, ug/l	P32730,	434	11-24	MJ	
☐ Phosphorus, Total, mg/l	P665,				
☐ Residue, Total, mg/l	P500,				
☑ Residue, Total Flt, mg/l	P70300,	1190	11-18	BM	
☑ Residue, Total Nflt, mg/l	P530,	<5	11-18	BM	
☑ Sulfate, SO_4, mg/l	P945,	715	11-30	RN	
☐ Nitrate (WQM use only)	P620,				
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Total Coliform, MF, #/100 ml	P31501,				
☐					
☐					
☐					

PRESERVATIVES

☑ NaOH ☑ H_2SO_4, nutrients ☑ Other ORGANICS
☐ HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered
☑ N/P ☑ H_2SO_4, oil and grease

RECEIVED DEC 12 1989 OHIO EPA-N.E.D.O.

Comments:

*Pb <2x4

Ammonia and TKN are acceptable within the limits of precision

CS1

DISTRIBUTION:
WHITE-LAB
GREEN-PERMITS
CANARY-STORET
PINK-DISTRICT

OhioEPA

Conventional Parameters Analysis

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station-ID# _____

e Received 891101 Date Approved 891121 Approved by: R Lab Number 09576

ation USX STEEL · 005 EFFLUENT

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☐ Grab ☑ Composite ☐ Sediment SC

mple Collected by STROUD

port Analysis to "

Date & Time of Sample Begin Y Y M M D D 891020 H H M M 1030

End 891031 1030

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample 4/24 HRS

FIELD MEASUREMENTS PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Chlorine, Total Resd., mg/l	P50060,				
☑ Conductivity, umhos/cm	P94,	840.			
☑ Dissolved Oxygen, mg/l	P299,	9.3.			
☐ Flow, CFS	P61,				
☑ pH, SU	P400,	7.8.			
☑ Temperature, Water, °C	P10,	16.0.			
☐ Gage Height, ft.	P65,				
☐					

LABORATORY MEASUREMENTS PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☑ Arsenic, Total As, ug/l	P1002,	<2.	11-4	VB	
☑ Cadmium, Total Cd, ug/l	P1027,	0.5.	11-15	PS	
☑ Calcium, Total Ca, mg/l	P916,	74.	11-6	BL	
☐ Chromium, Diss, Hex Cr, ug/l	P1220,				
☑ Chromium, Total Cr, ug/l	P1034,	<30.	11-6	BK	
☑ Copper, Total Cu, ug/l	P1042,	<10.	11-6	BL	
☑ Iron, Total Fe, ug/l	P1045,	1030.	11-6	BL	
☑ Lead, Total Pb, ug/l	P1051,	9.	11-17	PS	
☑ Magnesium, Total Mg, mg/l	P927,	17.	11-6	BL	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total, Hg, ug/l	P71900,				
☑ Nickel, Total Ni, ug/l	P1067,	<40.	11-6	BL	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☑ Sodium, Total Na, mg/l	P929,	76.	11-14	MH	
☑ Zinc, Total, ug/l	P1092,	15.	11-6	BL	
☑ Hardness, Total $CaCO_3$, mg/l	P900,	255.	11-21	KH	
☐					
☐					
☐					

LABORATORY MEASUREMENTS PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☑ BOD, 5-day, mg/l	P310,	11.	11-1	BM	
☑ cBOD, 5-day, mg/l	P80082,	6.9.	11-1	BM	
☐ BOD, 20-day, mg/l	P324,				
☐ cBOD, 20 day, mg/1	P80087,				
☐ Carbon, Total Org, mg/l	P680,				
☑ COD, mg/l	P335,	28.	11-3	MJ	
☑ Chloride, Cl, mg/l	P940,	92.	11-8	MH	
☑ Conductivity at 25° C, umhos/cm	P95,	954.	11/15	BN	
☑ Cyanide, Total, ug/l	P720,	<5	11-6	MJ	
☑ Nitrate-Nitrite, as N, mg/l	P630,	1.81.	11-3	RH	
☑ Nitrite, as N, mg/l	P615,	0.06.	11-1	MH	
☑ Nitrogen, Ammonia as N, mg/l	P610,	0.16.	11-15	RH	
☑ Nitrogen, Total Kjeldahl, mg/l	P625,	1.0.	11/3	MB	
☑ Oil and Grease, mg/l	P556,	<1.0.	11/9	BN	
☐ pH, SU	P403,				
☑ Phenolics, ug/l	P32730,	<20.	11-2	MJ	
☑ Phosphorus, Total, mg/l	P665,	0.16.	11/3	MB	
☐ Residue, Total, mg/l	P500,				
☑ Residue, Total Flt, mg/l	P70300,	636.	11-4	BM	
☑ Residue, Total Nflt, mg/l	P530,	11.	11-4	BM	
☑ Sulfate, SO_4, mg/l	P945,	191.	11-14	KH	
☐ Nitrate (WQM use only)	P620,				
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Total Coliform, MF, #/100 ml	P31501,				
☐					
☐					
☐					

PRESERVATIVES

☐ NaOH ☑ H_2SO_4, nutrients ☐ Other

☑ HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered

☐ N/P ☑ H_2SO_4, oil and grease

Comments:

COMPOSITE SAMPLE MADE UP OF 4 GRAB SAMPLES

BAR MILLS

FIELD MEASUREMENTS ARE THE AVERAGE OF TWO READINGS

CSI

DISTRIBUTION:
WHITE-LAB
GREEN-PERMITS
CANARY-STORET
PINK-DISTRICT

hioEPA

Conventional Parameters Analysis

TER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

e Received 89 11 01 Date Approved 89 11 21 Approved by: TF Lab Number C9325

tion USX STEEL - 004 EFFLUENT

nple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☐ Composite ☐ SC ☐ Sediment

nple Collected by STROUD

Date & Time of Sample Begin (Y Y M M D D) 8 9 1 0 3 1 (H H M M) 1 1 0 0

End

ort Analysis to "

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample _____

FIELD MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Chlorine, Total Resd., mg/l	P50060,				
☑ Conductivity, umhos/cm	P94,	780.			
☑ Dissolved Oxygen, mg/l	P299,	7.1			
☐ Flow, CFS	P61,				
☑ pH, SU	P400,	7.7			
☑ Temperature, Water, °C	P10,	22.0			
☐ Gage Height, ft.	P65,				
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☑ Arsenic, Total As, ug/l	P1002,	6	11-4	VB	
☑ Cadmium, Total Cd, ug/l	P1027,	4.4	11/15	PS	
☑ Calcium, Total Ca, mg/l	P916,	64	11-6	BK	
☐ Chromium,Diss,Hex Cr,ug/l	P1220,				
☑ Chromium, Total Cr, ug/l	P1034,	<30.	11-6	BK	
☑ Copper, Total Cu, ug/l	P1042,	<10.	11-6	BK	
☑ Iron, Total Fe, ug/l	P1045,	2460.	11-6	BK	
☑ Lead, Total Pb, ug/l	P1051,	199.	11-17	PS	
☑ Magnesium, Total Mg, mg/l	P927,	14	11-6	BK	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total, Hg, ug/l	P71900,				
☑ Nickel, Total Ni, ug/l	P1067,	<40.	11-6	BK	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☑ Sodium, Total Na, mg/l	P929,	53	11-14	MH	
☑ Zinc, Total, ug/l	P1092,	335.	11-6	BK	
☑ Hardness, Total $CaCO_3$, mg/l	P900,	217.	11-21	KN	
☐					
☐					
☐					

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☑ BOD, 5-day, mg/l	P310,	5.7	11-1	BM	
☑ cBOD, 5-day, mg/l	P80082,	3.3	11-1	BM	
☐ BOD, 20-day, mg/l	P324,				
☐ cBOD, 20 day, mg/1	P80087,				
☐ Carbon, Total Org, mg/l	P680,				
☑ COD, mg/l	P335,	27	11-3	MJ	
☑ Chloride, Cl, mg/l	P940,	66	11-8	MH	
☑ Conductivity at 25° C, umhos/cm	P95,	719	11/15	BM	
☑ Cyanide, Total, ug/l	P720,	<5	11-6	MJ	
☑ Nitrate-Nitrite, as N, mg/l	P630,	3.02	11-3	KH	
☑ Nitrite, as N, mg/l	P615,	0.11	11-1	MH	
☑ Nitrogen, Ammonia as N, mg/l	P610,	0.30	11-3	KH	
☑ Nitrogen, Total Kjeldahl, mg/l	P625,	1.2	11/3	MB	
☑ Oil and Grease, mg/l	P556,	<1.0	11/9	BM	
☐ pH, SU	P403,				
☑ Phenolics, ug/l	P32730,	<20	11-2	MJ	
☑ Phosphorus, Total, mg/l	P665,	0.19	11/3	MB	
☐ Residue, Total, mg/l	P500,				
☑ Residue, Total Flt, mg/l	P70300,	478.	11-1	BM	
☑ Residue, Total Nflt, mg/l	P530,	30.	11-1	BM	
☑ Sulfate, SO_4, mg/l	P945,	146	11-14	KH	
☐ Nitrate (WQM use only)	P620,				
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Total Coliform, MF, #/100 ml	P31501,				
☐					
☐					
☐					

RESERVATIVES

NaOH ☑ H_2SO_4, nutrients ☐ Other

HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered

N/P ☑ H_2SO_4, oil and grease

omments:

DOCK OUTFALL

CS1

STRIBUTION:

HITE-LAB
REEN-PERMITS
INARY-STORET
NK-DISTRICT

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

te Received 871101 Date Approved 891121 Approved by: TR Lab Number C9584

ition USX-STEEL - 003 EFFLUENT

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☐ Composite ☐ Sediment SC

mple Collected by STROUD

Date & Time of Sample Begin Y Y M M D D 891031 H H M M 1050

port Analysis to "

End

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample _____

FIELD MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Chlorine, Total Resd., mg/l	P50060,				
☑ Conductivity, umhos/cm	P94,	750			
☑ Dissolved Oxygen, mg/l	P299,	7.5			
☐ Flow, CFS	P61,				
☑ pH, SU	P400,	7.7			
☑ Temperature, Water, °C	P10,	21.5			
☐ Gage Height, ft.	P65,				
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☑ Arsenic, Total As, ug/l	P1002,	3	11-4	VB	
☑ Cadmium, Total Cd, ug/l	P1027,	0.4	11-15	PS	
☑ Calcium, Total Ca, mg/l	P916,	60	11-6	BK	
☐ Chromium, Diss, Hex Cr, ug/l	P1220,				
☑ Chromium, Total Cr, ug/l	P1034,	<30	11-6	BK	
☑ Copper, Total Cu, ug/l	P1042,	<10	11-6	BK	
☑ Iron, Total Fe, ug/l	P1045,	2170	11-6	BK	
☑ Lead, Total Pb, ug/l	P1051,	34	11-17	PS	
☑ Magnesium, Total Mg, mg/l	P927,	14	11-6	BK	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total, Hg, ug/l	P71900,				
☑ Nickel, Total Ni, ug/l	P1067,	<40	11-6	BK	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☑ Sodium, Total Na, mg/l	P929,	50	11-14	MH	
☑ Zinc, Total, ug/l	P1092,	110	11-6	BK	
☑ Hardness, Total $CaCO_3$, mg/l	P900,	207	11-21	RH	
☐					
☐					
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☑ BOD, 5-day, mg/l	P310,	2.1	11-1	BM	
☑ cBOD, 5-day, mg/l	P80082,	1.1	11-1	BM	
☐ BOD, 20-day, mg/l	P324,				
☐ cBOD, 20 day, mg/1	P80087,				
☐ Carbon, Total Org, mg/l	P680,				
☑ COD, mg/l	P335,	35	11-3	MJ	
☑ Chloride, Cl, mg/l	P940,	70	11-8	MH	
☑ Conductivity at 25° C, umhos/cm	P95,	758	11/15	BN	
☑ Cyanide, Total, ug/l	P720,	<5	11-6	MJ	
☑ Nitrate-Nitrite, as N, mg/l	P630,	3.18	11-3	RH	
☑ Nitrite, as N, mg/l	P615,	0.11	11-1	MH	
☑ Nitrogen, Ammonia as N, mg/l	P610,	0.56	11-3	RH	
☑ Nitrogen, Total Kjeldahl, mg/l	P625,	1.0	11/3	RB	
☑ Oil and Grease, mg/l	P556,	1.35	11/9	BN	
☐ pH, SU	P403,				
☑ Phenolics, ug/l	P32730,	<20	11-2	MJ	
☑ Phosphorus, Total, mg/l	P665,	0.23	11/3	RB	
☐ Residue, Total, mg/l	P500,				
☑ Residue, Total Flt, mg/l	P70300,	498	11-1	BN	
☑ Residue, Total Nflt, mg/l	P530,	19	11-1	BM	
☑ Sulfate, SO_4, mg/l	P945,	170	11-14	RH	
☐ Nitrate (WQM use only)	P620,				
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Total Coliform, MF, #/100 ml	P31501,				
☐					
☐					
☐					

RESERVATIVES

☑ NaOH ☑ H_2SO_4, nutrients ☐ Other
☑ HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered
☑ N/P ☑ H_2SO_4, oil and grease

Comments: DOCK OUTFALL

CSI

DISTRIBUTION:
WHITE-LAB
GREEN-PERMITS
CANARY-STORET
PINK-DISTRICT

OEPA 4700

ohioEPA

2963-6D

Conventional Parameters Analysis

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

e Received 11/01 Date Approved 11/4 Approved by: _____ Lab Number C7583

tion USX STEEL-901

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☐ Composite ☐☐☐☐☐☐ SC ☐ Sediment

mple Collected by STROUD

port Analysis to "

Date & Time of Sample Begin Y Y M M D D 8 9 1 0 3 1 H H M M 1 1 1 5

End

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample _____

	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
FIELD MEASUREMENTS	☐ Chlorine, Total Resd., mg/l	P50060,				
	☑ Conductivity, umhos/cm	P94,	620			
	☑ Dissolved Oxygen, mg/l	P299,	5.7			
	☐ Flow, CFS	P61,				
	☑ pH, SU	P400,	7.5			
	☑ Temperature, Water, °C	P10,	15.0		DLS	
	☐ Gage Height, ft.	P65,				
	☐					
LABORATORY MEASUREMENTS	☐ Arsenic, Total As, ug/l	P1002,				
	☐ Cadmium, Total Cd, ug/l	P1027,				
	☑ Calcium, Total Ca, mg/l	P916,	55	11-6	BK	
	☐ Chromium, Diss, Hex Cr, ug/l	P1220,				
	☐ Chromium, Total Cr, ug/l	P1034,				
	☐ Copper, Total Cu, ug/l	P1042,				
	☐ Iron, Total Fe, ug/l	P1045,				
	☑ Lead, Total Pb, ug/l	P1051,	10	11-17	PS	
	☑ Magnesium, Total Mg, mg/l	P927,	12	11-6	BK	
	☐ Manganese, Total Mn, ug/l	P1055,				
	☐ Mercury, Total, Hg, ug/l	P71900,				
	☐ Nickel, Total Ni, ug/l	P1067,				
	☐ Potassium, Total K, mg/l	P937,				
	☐ Selenium, Total Se, ug/l	P1147,				
	☐ Sodium, Total Na, mg/l	P929,				
	☑ Zinc, Total, ug/l	P1092,	15	11-6	BK	
	☑ Hardness, Total $CaCO_3$, mg/l	P900,	137	11-21	KH	
	☐					
	☐					
	☐					

	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
LABORATORY MEASUREMENTS	☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
	☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
	☐ BOD, 5-day, mg/l	P310,				
	☐ cBOD, 5-day, mg/l	P80082,				
	☐ BOD, 20-day, mg/l	P324,				
	☐ cBOD, 20 day, mg/1	P80087,				
	☐ Carbon, Total Org, mg/l	P680,				
	☐ COD, mg/l	P335,				
	☐ Chloride, Cl, mg/l	P940,				
	☐ Conductivity at 25° C, umhos/cm	P95,				
	☑ Cyanide, Total, ug/l	P720,	<5	11-6	mJ	
	☐ Nitrate-Nitrite, as N, mg/l	P630,				
	☐ Nitrite, as N, mg/l	P615,				
	☑ Nitrogen, Ammonia as N, mg/l	P610,	0.37	11-3	RH	
	☐ Nitrogen, Total Kjeldahl, mg/l	P625,				
	☑ Oil and Grease, mg/l	P556,	<1.0	11/7	BN	
	☐ pH, SU	P403,				
	☐ Phenolics, ug/l	P32730,	<20	11-2	mJ	
	☐ Phosphorus, Total, mg/l	P665,				
	☐ Residue, Total, mg/l	P500,				
	☐ Residue, Total Flt, mg/l	P70300,				
	☑ Residue, Total Nflt, mg/l	P530,	16	11-4	BM	
	☐ Sulfate, SO_4, mg/l	P945,				
	☐ Nitrate (WQM use only)	P620,				
	☐ Fecal Coliform, MF, #/100 ml	P31616,				
	☐ Total Coliform, MF, #/100 ml	P31501,				
	☐					
	☐					
	☐					

PRESERVATIVES

☑ NaOH ☑ H_2SO_4, nutrients ~~☐ Other (specify)~~

☐ HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered

☑ N/P ☐ H_2SO_4, oil and grease

DLS

Comments:

CS1

DISTRIBUTION:

WHITE-LAB
GREEN-PERMITS
CANARY-STORET
PINK-DISTRICT

OEPA 4700

IEPA

Conventional Parameters Analysis

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

te Received 11/01 Date Approved 89 11 21 Approved by: TR Lab Number 9382

tion USX STEEL - 001 EFFLUENT

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☑ Composite ☐ Sediment ☐ SC

mple Collected by STROUD

Date & Time of Sample Begin (Y Y M M D D) 89 10 30 (H H M M) 1005

port Analysis to _____

End 89 10 31 0935

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample 2/HR/24 HRS

	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
FIELD MEASUREMENTS	☐ Chlorine, Total Resd., mg/l	P50060,				
	☑ Conductivity, umhos/cm	P94,	950			
	☑ Dissolved Oxygen, mg/l	P299,	6.0			
	☐ Flow, CFS	P61,				
	☑ pH, SU	P400,	7.6			
	☑ Temperature, Water, °C	P10,	21.0			
	☐ Gage Height, ft.	P65,				
	☐					
LABORATORY MEASUREMENTS	☑ Arsenic, Total As, ug/l	P1002,	<2.	11-4	VB	
	☑ Cadmium, Total Cd, ug/l	P1027,	<0.2	11-15	PS	
	☑ Calcium, Total Ca, mg/l	P916,	79.	11-6	BK	
	☐ Chromium, Diss, Hex Cr, ug/l	P1220,				
	☑ Chromium, Total Cr, ug/l	P1034,	<30.	11-6	BK	
	☑ Copper, Total Cu, ug/l	P1042,	<10.	11-6	BK	
	☑ Iron, Total Fe, ug/l	P1045,	630.	11-6	BK	
	☑ Lead, Total Pb, ug/l	P1051,	6.	11-17	PS	
	☑ Magnesium, Total Mg, mg/l	P927,	15.	11-6	BK	
	☐ Manganese, Total Mn, ug/l	P1055,				
	☐ Mercury, Total, Hg, ug/l	P71900,				
	☑ Nickel, Total Ni, ug/l	P1067,	<40.	11-6	BK	
	☐ Potassium, Total K, mg/l	P937,				
	☐ Selenium, Total Se, ug/l	P1147,				
	☑ Sodium, Total Na, mg/l	P929,	78.	11-14	MH	
	☑ Zinc, Total, ug/l	P1092,	25.	11-6	BK	
	☑ Hardness, Total $CaCO_3$, mg/l	P900,	[illegible]	11-21	BN	
	☐					
	☐					
	☐					

	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
LABORATORY MEASUREMENTS	☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
	☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
	☑ BOD, 5-day, mg/l	P310,	13.	11-1	BM	
	☑ cBOD, 5-day, mg/l	P80082,	10.	11-1	BM	
	☐ BOD, 20-day, mg/l	P324,				
	☐ cBOD, 20 day, mg/1	P80087,				
	☐ Carbon, Total Org, mg/l	P680,				
	☑ COD, mg/l	P335,	66.	11-3	MJ	
	☑ Chloride, Cl, mg/l	P940,	108.	11-8	MH	
	☑ Conductivity at 25° C, umhos/cm	P95,	971.	11/15	BN	
	☑ Cyanide, Total, ug/l	P720,	<5	11-6	MJ	
	☑ Nitrate-Nitrite, as N, mg/l	P630,	1.55.	11-3	KI	
	☑ Nitrite, as N, mg/l	P615,	0.16	11-1	MH	
	☑ Nitrogen, Ammonia as N, mg/l	P610,	0.48.	11-3	KI	
	☑ Nitrogen, Total Kjeldahl, mg/l	P625,	1.6.	11/3	CB	
	☑ Oil and Grease, mg/l	P556,	2.54.	11/9	BN	
	☐ pH, SU	P403,				
	☐ Phenolics, ug/l	P32730,	<20.	11-2	MD	
	☑ Phosphorus, Total, mg/l	P665,	[illegible]	11/3	CB	
	☐ Residue, Total, mg/l	P500,				
	☑ Residue, Total Flt, mg/l	P70300,	654.	11-4	BN	
	☑ Residue, Total Nflt, mg/l	P530,	<5.	11-4	BM	
	☑ Sulfate, SO_4, mg/l	P945,	21.8.	11-14	KI	
	☐ Nitrate (WQM use only)	P620,				
	☐ Fecal Coliform, MF, #/100 ml	P31616,				
	☐ Total Coliform, MF, #/100 ml	P31501,				
	☐					
	☐					
	☐					

RESERVATIVES

☑ NaOH ☑ H_2SO_4, nutrients ☐ Other
☑ HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered
☑ N/P ☑ H_2SO_4, oil and grease

Comments:

PIPE MILL LAGOON

- FIELD MEASUREMENTS ARE THE AVERAGE OF TWO READINGS

[redacted] SET UP AT FINAL WEIR

CS1

STRIBUTION:
WHITE-LAB
GREEN-PERMITS
ANARY-STORET
NK-DISTRICT

EPA 4700

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

e Received 891031 Date Approved 89 11 21 Approved by: TR Lab Number C9575

ition USX STEEL - 902

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☐ Composite ☐☐☐☐☐☐ SC ☐ Sediment

mple Collected by STROUD

port Analysis to "

Date & Time of Sample Begin Y Y M M D D 8 9 1 0 3 0 H H M M 1 1 1 5

End

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample _____

FIELD MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Chlorine, Total Resd., mg/l	P50060,				
☑ Conductivity, umhos/cm	P94,	950			
☑ Dissolved Oxygen, mg/l	P299,	3.3			
☐ Flow, CFS	P61,				
☑ pH, SU	P400,	8.6			
☑ Temperature, Water, °C	P10,	21.0			
☐ Gage Height, ft.	P65,				
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Arsenic, Total As, ug/l	P1002,				
☐ Cadmium, Total Cd, ug/l	P1027,				
☑ Calcium, Total Ca, mg/l	P916,	42	11-6	BK	
☐ Chromium, Diss, Hex Cr, ug/l	P1220,				
☑ Chromium, Total Cr, ug/l	P1034,	<30	11-6	BK	
☐ Copper, Total Cu, ug/l	P1042,				
☐ Iron, Total Fe, ug/l	P1045,				
☑ Lead, Total Pb, ug/l	P1051,	2	11-9	PS	
☑ Magnesium, Total Mg, mg/l	P927,	15	11-6	BK	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total, Hg, ug/l	P71900,				
☐ Nickel, Total Ni, ug/l	P1067,				
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☐ Sodium, Total Na, mg/l	P929,				
☑ Zinc, Total, ug/l	P1092,	<10	11-6	BK	
☑ Hardness, Total $CaCO_3$, mg/l	P900,	11-7	11-21	KH	
☐					
☐					
☐					

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☐ BOD, 5-day, mg/l	P310,				
☐ cBOD, 5-day, mg/l	P80082,				
☐ BOD, 20-day, mg/l	P324,				
☐ cBOD, 20 day, mg/1	P80087,				
☐ Carbon, Total Org, mg/l	P680,				
☐ COD, mg/l	P335,				
☐ Chloride, Cl, mg/l	P940,				
☐ Conductivity at 25° C, umhos/cm	P95,				
☐ Cyanide, Total, ug/l	P720,				
☐ Nitrate-Nitrite, as N, mg/l	P630,				
☐ Nitrite, as N, mg/l	P615,				
☐ Nitrogen, Ammonia as N, mg/l	P610,				
☐ Nitrogen, Total Kjeldahl, mg/l	P625,				
☑ Oil and Grease, mg/l	P556,	<1.0	11/9	BN	
☐ pH, SU	P403,				
☐ Phenolics, ug/l	P32730,				
☐ Phosphorus, Total, mg/l	P665,				
☐ Residue, Total, mg/l	P500,				
☐ Residue, Total Flt, mg/l	P70300,				
☑ Residue, Total Nflt, mg/l	P530,	38	11-4	BN	
☐ Sulfate, SO_4, mg/l	P945,				
☐ Nitrate (WQM use only)	P620,				
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Total Coliform, MF, #/100 ml	P31501,				
☐					
☐					
☐					

RESERVATIVES

NaOH ☐ H_2SO_4, nutrients ☐ Other

HNO_3 ☐ H_2SO_4, phenolics ☐ Filtered

N/P ☑ H_2SO_4, oil and grease

omments: PUMP HOUSE #3

STRIBUTION:
HITE-LAB
EEN-PERMITS
NARY-STORET
K-DISTRICT

ATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

e Received 29 10 31 Date Approved 89 11 21 Approved by: TC Lab Number C9574

ation USX STEEL - 002 EFFLUENT

mple Use: ☐ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☑ Compliance

Sample Type: ☑ Grab ☐ Composite ☐☐☐☐☐☐ SC ☐ Sediment

mple Collected by STROUD

Date & Time of Sample Begin Y Y M M D D 89 10 30 H H M M 1050

port Analysis to "

End

CO ☑ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQM

Frequency & Duration of Composite Sample _____

FIELD MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Chlorine, Total Resd., mg/l	P50060,				
☑ Conductivity, umhos/cm	P94,	840			
☑ Dissolved Oxygen, mg/l	P299,	7.2			
☐ Flow, CFS	P61,				
☑ pH, SU	P400,	8.5			
☑ Temperature, Water, °C	P10,	12.0			
☐ Gage Height, ft.	P65,				
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☑ Arsenic, Total As, ug/l	P1002,	<2	11-4	VB	
☑ Cadmium, Total Cd, ug/l	P1027,	<0.2	11-15	PS	
☑ Calcium, Total Ca, mg/l	P916,	82	11-06	BL	
☐ Chromium, Diss. Hex Cr, ug/l	P1220,				
☑ Chromium, Total Cr, ug/l	P1034,	<30	11-06	BL	
☑ Copper, Total Cu, ug/l	P1042,	<10	11-6	BL	
☑ Iron, Total Fe, ug/l	P1045,	780	11-6	BL	
☑ Lead, Total Pb, ug/l	P1051,	10	11-9	PS	
☑ Magnesium, Total Mg, mg/l	P927,	14	11-6	BL	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total, Hg, ug/l	P71900,				
☑ Nickel, Total Ni, ug/l	P1067,	<40	11-6	BL	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☑ Sodium, Total Na, mg/l	P929,	59	11-14	MH	
☑ Zinc, Total, ug/l	P1092,	20	11-6	BL	
☑ Hardness, Total $CaCO_3$, mg/l	P900,	242	11-21	KN	
☐					
☐					
☐					

LABORATORY MEASUREMENTS

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☑ BOD, 5-day, mg/l	P310,	13	11-1	BN	
☑ cBOD, 5-day, mg/l	P80082,	11	11-1	BM	
☐ BOD, 20-day, mg/l	P324,				
☐ cBOD, 20 day, mg/1	P80087,				
☐ Carbon, Total Org, mg/l	P680,				
☑ COD, mg/l	P335,	<20	11-1	MJ	
☑ Chloride, Cl, mg/l	P940,	80	11-8	MH	
☑ Conductivity at 25° C, umhos/cm	P95,	881	11/15	BN	
☑ Cyanide, Total, ug/l	P720,	24	11-6	MJ	
☑ Nitrate-Nitrite, as N, mg/l	P630,	4.79	11-3	RH	
☑ Nitrite, as N, mg/l	P615,	0.32	11-1	MH	
☑ Nitrogen, Ammonia as N, mg/l	P610,	3.86	11-3	RH	
☑ Nitrogen, Total Kjeldahl, mg/l	P625,	4.0	11/3	OB	
☑ Oil and Grease, mg/l	P556,	<1.0	11/9	BN	
☐ pH, SU	P403,				
☑ Phenolics, ug/l	P32730,	<20	11-2	MJ	
☑ Phosphorus, Total, mg/l	P665,	0.16	11/3	RB	
☐ Residue, Total, mg/l	P500,				
☑ Residue, Total Flt, mg/l	P70300,	616	11-4	BN	
☑ Residue, Total Nflt, mg/l	P530,	<5	11-4	BM	
☑ Sulfate, SO_4, mg/l	P945,	220	11-14	RH	
☐ Nitrate (WQM use only)	P620,				
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Total Coliform, MF, #/100 ml	P31501,				
☐					
☐					
☐					

RESERVATIVES

☑ NaOH ☑ H_2SO_4, nutrients ☐ Other
☑ HNO_3 ☑ H_2SO_4, phenolics ☐ Filtered
☑ N/P ☑ H_2SO_4, oil and grease

Comments: COKE PLANT SEWER

CS1

DISTRIBUTION:
WHITE-LAB
GREEN-PERMITS
CANARY-STORET
PINK-DISTRICT

OhioEPA DIVISION OF WASTEWATER POLLUTION CONTROL — Report – Chemistry Laboratory

Date Received: 88-03-23 — Laboratory Number: C7411

Date Reported: 88-04-29 — Approved By: C.J.T. — SC, ☐☐☐☐☐☐,

Station: USX LORAIN - 002 — Sample Type: Grab ☒ Composite ☐

Sample Type: Monthly ☐ Compliance ☒ Litigation ☐ WQPA Survey ☐ Complaint ☐ BWQ Survey ☐

Sample Collected By: STROUD

Report Analysis To: "

Date & Time of Sample — Begin: Y Y M M D D 8 8 0 3 2 2 — H H M M 1 1 3 0 — End: ☐☐☐☐☐☐ ☐☐☐☐

O ☐ NEDO ☒ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

Frequency & Duration of Composite Sample: _____

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
☐ Chlorine, Free Avl., mg/l	P50064,				
☐ Chlorine, Total Resd., mg/l	P50060,				
☒ Conductivity, umhos/cm	P94,	1200			
☐ Dissolved Oxygen, mg/l	P299,	2.5			
☐ Flow, ~~CFS~~ MGD	P61,	2.5			
☐ pH, SU	P400,	9.2			
☒ Temperature, Water, °C	P10,	10.0			
☐ Gage Height, ft.	P65,				
☐					
☐					
METALS					
☐ Aluminum, Total Al, ug/l	P1105,	<200	4-12	UB	
☐ Arsenic, Total As.ug/l	P1002,	<2	4-7	PS	
☐ Barium, Total Ba, ug/l	P1007,	<200	4-14	UB	
☐ Cadmium, Total Cd, ug/l	P1027,	<0.2	3/25	PS	
☐ Calcium, Total Ca, mg/l	P916,	139	4-9	UB	
☐ Chromium, Hex Cr, ug/l	P1032,				
☐ Chromium, Total Cr, ug/l	P1034,	<30	4-8	UB	
☐ Copper, Total Cu, ug/l	P1042,	15	4-4	BL	
☐ Iron, Diss, Fe, ug/l	P1046,				
☐ Iron, Total Fe, ug/l	P1045,	1460	4-8	UB	
☐ Lead, Total Pb, ug/l	P1051,	2	3/28	PS	
☐ Magnesium, Total Mg, mg/l	P927,	21.2	4-11	UB	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total Hg, ug/l	P71900,				
☐ Nickel, Total Ni, ug/l	P1067,	<40	4-6	BL	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☐ Silver, Total Ag, ug/l	P1077,				
☒ Sodium, Total Na, mg/l	P929,	140	4-1	UB	
☐ Strontium, Total Sr, ug/l	P 1082,				
☐ Zinc, Total Zn, ug/l	P1092,	10	4-5	BL	
☐					

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☒ BOD, 5-day, mg/l	P310,	3.9	3-23	BM	
☒ cBOD, 5 Day, mg/l	P80082,	2.2	3-23	BM	
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☐ MBAS, mg/l	P38260,				
☐ Carbon, Total Org., mg/l	P680,				
☒ COD, mg/l	P335,	26	4-6	KW	
☒ Chloride, Cl, mg/l	P940,	222	[illegible]	AK	
☒ Conductivity at 25°C, umhos/cm	P95,	1570	3/22	BN	
☒ Cyanide, Total, mg/l	P720,	0.059	3-28	MH	
☐ Fluoride, F, mg/l	P951,				
☒ Hardness, Total as $CaCo_3$ mg/l	P900,	431	4-15	KN	
☒ Nitrate-Nitrite, as N, mg/l	P620,	3.14	3-23	MH	
☒ Nitrite, as N, mg/l	P615,	0.26	3-23	MH	
☒ Nitrogen, Ammonia as N, mg/l	P610,	---	3-24	MH	
☒ Nitrogen, Total Kjeldahl, mg/l *	P625,	7.7	3/31	MB	
☒ Oil and Grease, mg/l	P556,	<1.0	3/24	BN	
☐ pH, SU	P403,				
☒ Phenolics, ug/l	P32730,	<20	3-23	EW	
☐ Phosphorus, Diss. P, mg/l	P666,				
☒ Phosphorus, Total P, mg/l	P665,	0.10	3/28	MB	
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	1020	3-23	BM	
☒ Residue, Total Nflt, mg/l	P530,	7	3-23	BM	
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	373	4-1	MH	
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF # / 100 ml	P31679,				
☐					

Comments: * Sample interference presented [illegible]

PRESERVATIVES

☒ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P
☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4
☐ HNO_3 ☒ Other 0+6 PHENOLS

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

EPA 4700

APR 13 1988

OhioEPA DIVISION OF WASTEWATER POLLUTION CONTROL

Report – Chemistry Laboratory

Date Received: 88-03-23

Date Reported: 88-04-18

Station: USX LORAIN -003

Sample Type: Monthly ☐ Compliance ☒ Litigation ☐ WQPA Survey ☐ Complaint ☐ BWQ Survey ☐

Sample Collected By: STROUD

Report Analysis To: "

CO ☐ NEDO ☒ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

Laboratory Number: C7412

Approved By: C.J.F. SC, ☐☐☐☐☐☐

Sample Type: Grab ☒ Composite ☐

Date & Time of Sample: Begin Y Y M M D D H H M M — 8 8 0 3 2 2 1 3 0 0; End

Frequency & Duration of Composite Sample

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
☐ Chlorine, Free Avl., mg/l	P50064,				
☐ Chlorine, Total Resd., mg/l	P50060,				
☒ Conductivity, umhos/cm	P94,	800			
☒ Dissolved Oxygen, mg/l	P299,	8.1			
☐ Flow, ~~CFS~~ MGD	P61,	75.10			
☒ pH, SU	P400,	8.0			
☒ Temperature, Water, °C	P10,	12.0			
☐ Gage Height, ft.	P65,				
☐					
☐					
METALS					
☒ Aluminum, Total Al, ug/l	P1105,	450	4-12	UB	
☒ Arsenic, Total As, ug/l	P1002,	<2	4-7	PS	
☒ Barium, Total Ba, ug/l	P1007,	<200	4-14	UB	
☒ Cadmium, Total Cd, ug/l	P1027,	0.4	3/25	PS	
☒ Calcium, Total Ca, mg/l	P916,	68.4	4-9	UB	
☐ Chromium, Hex Cr, ug/l	P1032,				
☒ Chromium, Total Cr, ug/l	P1034,	<30	4-8	UB	
☒ Copper, Total Cu, ug/l	P1042,	10	4-4	BK	
☐ Iron, Diss. Fe, ug/l	P1046,				
☒ Iron, Total Fe, ug/l	P1045,	1590	4-8	UB	
☒ Lead, Total Pb, ug/l	P1051,	9	3/28	PS	
☒ Magnesium, Total Mg, mg/l	P927,	18.8	4-11	UB	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total Hg, ug/l	P71900,				
☒ Nickel, Total Ni, ug/l	P1067,	<40	4-6	BK	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☐ Silver, Total Ag, ug/l	P1077,				
☒ Sodium, Total Na, mg/l	P929,	82	4-1	UB	
☐ Strontium, Total Sr, ug/l	P 1082,				
☒ Zinc, Total Zn, ug/l	P1092,	15	4-5	BK	
☐					

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☒ BOD, 5-day, mg/l	P310,	2.8	3-23	BM	
☒ cBOD, 5 Day, mg/l	P80082	1.6	3-23	BM	
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☐ MBAS, mg/l	P38260,				
☐ Carbon, Total Org., mg/l	P680,				
☒ COD, mg/l	P335,	30	4-8	BN	
☒ Chloride, Cl, mg/l	P940,	136	3-25	AR	
☒ Conductivity at 25°C, umhos/cm	P95,	917	3/25	BN	
☒ Cyanide, Total, mg/l	P720,	*0.041	3-28	MH	
☐ Fluoride, F, mg/l	P951,				
☒ Hardness, Total as $CaCo_3$ mg/l	P900,	248	4-15	MH	
☒ Nitrate-Nitrite, as N, mg/l	P620,	1.96	3-23	MH	
☒ Nitrite, as N, mg/l	P615,	0.08	3-23	MH	
☒ Nitrogen, Ammonia as N, mg/l	P610,	1.23	3-23	MH	
☒ Nitrogen, Total Kjeldahl, mg/l	P625,	1.8	3/26	MB	
☒ Oil and Grease, mg/l	P556,	<1.0	3/24	BN	
☐ pH, SU	P403,				
☒ Phenolics, ug/l	P32730,	<20	3-23	SBW	
☐ Phosphorus, Diss. P, mg/l	P666,				
☒ Phosphorus, Total P, mg/l	P665,	0.14	3/28	MB	
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	566	3-23	BM	
☒ Residue, Total Nflt, mg/l	P530,	11	3-23	BM	
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	133	4-1	MH	
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF #/100 ml	P31679,				
☐					

Comments:

PRESERVATIVES

☒ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P

☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4

☒ HNO_3 ☒ Other 8+6 PHENOLS ORGANICS

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

OEPA 4700

OhioEPA DIVISION OF WASTEWATER POLLUTION CONTROL

Report – Chemistry Laboratory

Date Received: 87 03 23

Laboratory Number: C7412

Date Reported: 88-04-18

Approved By: C.F.F. SC: ☐☐☐☐☐☐

Station: USX LORAIN-003

Sample Type: Grab ☒ Composite ☐

Sample Type: Monthly ☐ Compliance ☒ Litigation ☐ WQPA Survey ☐ Complaint ☐ BWQ Survey ☐

Sample Collected By: STROUD

Date & Time of Sample: Begin Y Y M M D D 8 8 0 3 2 2 H H M M 1 2 0 0; End

Report Analysis To: "

CO ☐ NEDO ☒ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

Frequency & Duration of Composite Sample

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
☐ Chlorine, Free Avl., mg/l	P50064,				
☐ Chlorine, Total Resd., mg/l	P50060,				
☒ Conductivity, umhos/cm	P94,	800			
☒ Dissolved Oxygen, mg/l	P299,	8.1			
☐ Flow, ~~CFS~~ MGD	P61,	75.0			
☒ pH, SU	P400,	8.0			
☒ Temperature, Water, °C	P10,	12.0			
☐ Gage Height, ft.	P65,				
☐					
METALS					
☒ Aluminum, Total Al, ug/l	P1105,	450	4-12	UB	
☒ Arsenic, Total As, ug/l	P1002,	<2	4-7	PS	
☒ Barium, Total Ba, ug/l	P1007,	<200	4-14	UB	
☒ Cadmium, Total Cd, ug/l	P1027,	0.4	3/25	PS	
☒ Calcium, Total Ca, mg/l	P916,	68.4	4-9	UB	
☐ Chromium, Hex Cr, ug/l	P1032,				
☐ Chromium, Total Cr, ug/l	P1034,	<30	4-8	UB	
☐ Copper, Total Cu, ug/l	P1042,	10	4-4	BL	
☐ Iron, Diss, Fe, ug/l	P1046,				
☒ Iron, Total Fe, ug/l	P1045,	1590	4-8	UB	
☐ Lead, Total Pb, ug/l	P1051,	9	3/28	PS	
☒ Magnesium, Total Mg, mg/l	P927,	18.8	4-11	UB	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total Hg, ug/l	P71900,				
☐ Nickel, Total Ni, ug/l	P1067,	<40	4-6	BL	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☐ Silver, Total Ag, ug/l	P1077,				
☒ Sodium, Total Na, mg/l	P929,	82	4-1	UB	
☐ Strontium, Total Sr, ug/l	P 1082,				
☐ Zinc, Total Zn, ug/l	P1092,	15	4-5	BL	

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☒ BOD, 5-day, mg/l	P310,	2.8	3-23	BN	
☒ cBOD, 5 Day, mg/l	P80082,	1.6	3-23	BN	
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☐ MBAS, mg/l	P38260,				
☐ Carbon, Total Org., mg/l	P680,				
☒ COD, mg/l	P335,	30	4-8	BN	
☒ Chloride, Cl, mg/l	P940,	136	3-25	MK	
☒ Conductivity at 25°C, umhos/cm	P95,	917	3/25	BN	
☒ Cyanide, Total, mg/l	P720,	0.041	3-28	MH	
☐ Fluoride, F, mg/l	P951,				
☒ Hardness, Total as $CaCO_3$ mg/l	P900,	316	4-15	MH	
☒ Nitrate-Nitrite, as N, mg/l	P620,	1.96	3-23	MH	
☒ Nitrite, as N, mg/l	P615,	0.02	3-23	MH	
☒ Nitrogen, Ammonia as N, mg/l	P610,	1.23	3-23	MH	
☒ Nitrogen, Total Kjeldahl, mg/l	P625,	1.8	3/28	MB	
☒ Oil and Grease, mg/l	P556,	<1.0	3/24	BN	
☐ pH, SU	P403,				
☒ Phenolics, ug/l	P32730,	<20	3-23	CBW	
☐ Phosphorus, Diss. P, mg/l	P666,				
☒ Phosphorus, Total P, mg/l	P665,	0.14	3/28	MB	
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	566	3-23	BM	
☒ Residue, Total Nflt, mg/l	P530,	11	3-23	BM	
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	133	4-1	MH	
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF # / 100 ml	P31679,				
☐					

PRESERVATIVES

☒ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P

☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4

☒ HNO_3 ☒ Other 0+5 Phosphorus

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

mments: DHT

EPA 4700

OhioEPA DIVISION OF WASTEWATER POLLUTION CONTROL — Report – Chemistry Laboratory

Date Received: 88-03-23
Date Reported: 88-04-15
Station: USX-LORAIN-004
Sample Type: Monthly ☐ Compliance ☒ Litigation ☐ WQPA Survey ☐ Complaint ☐ BWQ Survey ☐
Sample Collected By: STROUD
Report Analysis To: "
☐ NEDO ☒ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

Laboratory Number: C7410
Approved By: [illegible] SC, ☐☐☐☐☐☐,
Sample Type: Grab ☒ Composite ☐
Date & Time of Sample: Begin Y Y M M D D 8 8 0 3 2 3 — H H M M 1 1 4 5; End ☐☐☐☐☐☐ — ☐☐☐☐
Frequency & Duration of Composite Sample: _____

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
Chlorine, Free Avl., mg/l	P50064,				
Chlorine, Total Resd., mg/l	P50060,				
Conductivity, umhos/cm	P94,	825			
Dissolved Oxygen, mg/l	P299,	8.8			
Flow, ~~CFS~~ MGD	P61,	15.0			
pH, SU	P400,	8.3			
Temperature, Water, °C	P10,	11.0			
Gage Height, ft.	P65,				
METALS					
Aluminum, Total Al, ug/l	P1105,	600	4-12	UB	
Arsenic, Total As, ug/l	P1002,	<2	4-7	PS	
Barium, Total Ba, ug/l	P1007,	<200	4-14	UB	
Cadmium, Total Cd, ug/l	P1027,	0.4	3/25	PS	
Calcium, Total Ca, mg/l	P916,	78	4-9	UB	
Chromium, Hex Cr, ug/l	P1032,				
Chromium, Total Cr, ug/l	P1034,	<30	4-8	UB	
Copper, Total Cu, ug/l	P1042,	10	4-4	BK	
Iron, Diss, Fe, ug/l	P1046,				
Iron, Total Fe, ug/l	P1045,	1570	4-8	UB	
Lead, Total Pb, ug/l	P1051,	5	3/28	PS	
Magnesium, Total Mg, mg/l	P927,	19.5	4-11	UB	
Manganese, Total Mn, ug/l	P1055,				
Mercury, Total Hg, ug/l	P71900,				
Nickel, Total Ni, ug/l	P1067,	<40	4-6	BK	
Potassium, Total K, mg/l	P937,				
Selenium, Total Se, ug/l	P1147,				
Silver, Total Ag, ug/l	P1077,				
Sodium, Total Na, mg/l	P929,	101	4-1	UB	
Strontium, Total Sr, ug/l	P 1082,				
Zinc, Total Zn, ug/l	P1092,	40	4-5	BK	

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☒ BOD, 5-day, mg/l	P310,	2.2	3-23	BM	
☒ cBOD, 5 Day, mg/l	P80082,	1.3	3-23	BM	
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☐ MBAS, mg/l	P38260,				
☐ Carbon, Total Org., mg/l	P680,				
☒ COD, mg/l	P335,	28	4-8	BW	
☒ Chloride, Cl, mg/l	P940,	162	3-25	MK	
☒ Conductivity at 25°C, umhos/cm	P95,	978	3/25	BN	
☒ Cyanide, Total, mg/l	P720,	0.018	3-28	MH	
☐ Fluoride, F, mg/l	P951,				
☒ Hardness, Total as $CaCo_3$ mg/l	P900,	275	4-14	KN	
☒ Nitrate-Nitrite, as N, mg/l	P620,	1.92	3-23	MH	
☒ Nitrite, as N, mg/l	P615,	0.06	3-23	BK	
☒ Nitrogen, Ammonia as N, mg/l	P610,	0.76	3-23	MH	
☒ Nitrogen, Total Kjeldahl, mg/l	P625,	1.4	3/28	MB	
☒ Oil and Grease, mg/l	P556,	<1.0	3/24	BN	
☐ pH, SU	P403,				
☒ Phenolics, ug/l	P32730,	<20	3-23	BW	
☐ Phosphorus, Diss. P, mg/l	P666,				
☒ Phosphorus, Total P, mg/l	P665,	0.15	3/28	MB	
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	600	3-23	BM	
☒ Residue, Total Nflt, mg/l	P530,	46	3-23	BM	
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	110	4-1	MH	
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF # / 100 ml	P31679,				
☐					

Comments: [illegible]

PRESERVATIVES
☒ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P
☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4
☒ HNO_3 ☒ Other 0+6 PHENOLS ORGANICS

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

PA 4700

OhioEPA DIVISION OF WASTEWATER POLLUTION CONTROL

Report – Chemistry Laboratory

Date Received 88-03-23

Date Reported 88-04-15

Station USX LORAIN - 005

Sample Type: Monthly ☐ Compliance ☒ Litigation ☐ WQPA Survey ☐ Complaint ☐ BWQ Survey ☐

Sample Collected By STROUD

Report Analysis To ☐ NEDO ☒ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

Laboratory Number C7413

Approved By: CAF SC, ☐☐☐☐☐☐,

Sample Type: Grab ☒ Composite ☐

Date & Time of Sample: Begin Y Y M M D D 8 8 0 3 2 8 H H M M 1 1 0 0; End

Frequency & Duration of Composite Sample

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
Chlorine, Free Avl., mg/l	P50064,				
Chlorine, Total Resd., mg/l	P50060,				
Conductivity, umhos/cm	P94,	230			
Dissolved Oxygen, mg/l	P299,	1.7			
Flow ~~CFS~~ MGD	P61,	4.5			
pH, SU	P400,	2.8			
Temperature, Water, °C	P10,	6.5			
Gage Height, ft.	P65,				
METALS					
Aluminum, Total Al, ug/l	P1105,	450	4-12	HB	
Arsenic, Total As.ug/l	P1002,	<2	4-7	PS	
Barium, Total Ba, ug/l	P1007,	<200	4-14	HB	
Cadmium, Total Cd, ug/l	P1027,	0.6	3/25	PS	
Calcium, Total Ca, mg/l	P916,	68.6	4-9	HB	
Chromium, Hex Cr, ug/l	P1032,				
Chromium, Total Cr, ug/l	P1034,	40	4-8	HB	
Copper, Total Cu, ug/l	P1042,	10	4-9	BK	
Iron, Diss, Fe, ug/l	P1046,				
Iron, Total Fe, ug/l	P1045,	1250	4-8	HB	
Lead, Total Pb, ug/l	P1051,	5	3/28	PS	
Magnesium, Total Mg, mg/l	P927,	18.2	4-11	HB	
Manganese, Total Mn, ug/l	P1055,				
Mercury, Total Hg, ug/l	P71900,				
Nickel, Total Ni, ug/l	P1067,	<40	4-6	BK	
Potassium, Total K, mg/l	P937,				
Selenium, Total Se, ug/l	P1147,				
Silver, Total Ag, ug/l	P1077,				
Sodium, Total Na, mg/l	P929,	78	4-1	HB	
Strontium, Total Sr, ug/l	P 1082,				
Zinc, Total Zn, ug/l	P1092,	25	4-5	BK	

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☒ BOD, 5-day, mg/l	P310,	2.4	3-23	BM	
☒ cBOD, 5 Day, mg/l	P80082,	2.3	3-23	BM	
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☐ MBAS, mg/l	P38260,				
☐ Carbon, Total Org., mg/l	P680,				
☒ COD, mg/l	P335,	36	4-2	BW	
☒ Chloride, Cl, mg/l	P940,	122	3-25	HR	
☒ Conductivity at 25°C, umhos/cm	P95,	842	3/28	BN	
☒ Cyanide, Total, mg/l	P720,	<0.005	3-28	MH	
☐ Fluoride, F, mg/l	P951,				
☒ Hardness, Total as $CaCo_3$ mg/l	P900,	246	4-13	KN	
☒ Nitrate-Nitrite, as N, mg/l	P620,	2.04	3-23	MH	
☒ Nitrite, as N, mg/l	P615,	2.10	3-23	AR	
☒ Nitrogen, Ammonia as N, mg/l	P610,	0.87	3-23	MH	
☒ Nitrogen, Total Kjeldahl, mg/l	P625,	1.6	3/28	HB	
☒ Oil and Grease, mg/l	P556,	<1.0	3/24	BN	
☐ pH, SU	P403,				
☒ Phenolics, ug/l	P32730,	<20	3-23	SBW	
☐ Phosphorus, Diss. P, mg/l	P666,				
☒ Phosphorus, Total P, mg/l	P665,	0.17	3/28	HB	
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	528	3-23	BM	
☒ Residue, Total Nflt, mg/l	P530,	7	3-23	BM	
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	107	4-1	MH	
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF # / 100 ml	P31679,				
☐					

Comments: BAG MILL

PRESERVATIVES

☒ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P

☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4

☒ HNO_3 ☒ Other O+G PHENOLS

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

EPA 4700

[illegible] CONTROL — Report—Chemistry Laboratory

Laboratory Number: 07409

Approved By: [illegible] SC. [illegible]

Sample Type: Grab ☒ Composite ☐

Date Reported: [illegible]

Station [illegible]

Sample Type: Monthly ☐ Compliance ☐ Litigation ☐ WQPA Survey ☐ Complaint ☐ BWQ Survey ☐

Sample Collected By: STROUD

Date & Time of Sample: Begin Y Y M M D D H H M M — 9 3 0 3 2 1 1 0 4 0; End

Report Analysis To: [illegible] NEDO ☒ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

Frequency & Duration of Composite Sample: _____

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
☐ Chlorine, Free Avl., mg/l	P50064,				
☐ Chlorine, Total Resd., mg/l	P50060,				
☒ Conductivity, umhos/cm	P94,	940			
☒ Dissolved Oxygen, mg/l	P299,	7.2			
☐ Flow, ~~CFS~~ MGD	P61,				
☒ pH, SU	P400,	7.7			
☒ Temperature, Water, °C	P10,	13.5			
☐ Gage Height, ft.	P65,				
☐					
☐					
METALS					
☐ Aluminum, Total Al, ug/l	P1105,	<200	4-12	HB	
☒ Arsenic, Total As, ug/l	P1002,	<2	4-7	PS	
☐ Barium, Total Ba, ug/l	P1007,	<200	4-14	HB	
☒ Cadmium, Total Cd, ug/l	P1027,	0.2	3/25	PS	
☐ Calcium, Total Ca, mg/l	P916,	71.9	4-8	HB	
☐ Chromium, Hex Cr, ug/l	P1032,				
☐ Chromium, Total Cr, ug/l	P1034,	<30	4-8	HB	
☐ Copper, Total Cu, ug/l	P1042,	10	4-4	BL	
☐ Iron, Diss, Fe, ug/l	P1046,				
☒ Iron, Total Fe, ug/l	P1045,	1970	4-8	HB	
☒ Lead, Total Pb, ug/l	P1051,	34	3/28	PS	
☒ Magnesium, Total Mg, mg/l	P927,	17.7	4-11	HB	
☐ Manganese, Total Mn, ug/l	P1055,				
☐ Mercury, Total Hg, ug/l	P71900,				
☒ Nickel, Total Ni, ug/l	P1067,	40	4-6	BL	
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☐ Silver, Total Ag, ug/l	P1077,				
☒ Sodium, Total Na, mg/l	P929,	112	4-1	HB	
☐ Strontium, Total Sr, ug/l	P 1082,				
☒ Zinc, Total Zn, ug/l	P1092,	20	4-5	BL	
☐					

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☐ Alkalinity, Total $CaCO_3$ mg/l	P410,				
☒ BOD, 5-day, mg/l	P310,	9.9	3-23	BM	
☒ cBOD, 5 Day, mg/l	P80082,	9.3	3-23	BM	
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☐ MBAS, mg/l	P38260,				
☐ Carbon, Total Org., mg/l	P680,				
☒ COD, mg/l	P335,	76	4 8	BW	
☒ Chloride, Cl, mg/l	P940,	176	3-25	AR	
☒ Conductivity at 25°C, umhos/cm	P95,	1039	3/25	BN	
☒ Cyanide, Total, mg/l	P720,	0.005	3-28	MH	
☐ Fluoride, F, mg/l	P951,				
☒ Hardness, Total as $CaCo_3$ mg/l	P900,	252	4 15	KH	
☒ Nitrate-Nitrite, as N, mg/l	P620,	1.24	3-23	MH	
☒ Nitrite, as N, mg/l	P615,	0.14	3-23	AR	
☒ Nitrogen, Ammonia as N, mg/l	P610,	0.72	3-23	MH	
☒ Nitrogen, Total Kjeldahl, mg/l	P625,	1.8	3/28	HB	
☒ Oil and Grease, mg/l	P556,	3.33	3/24	BN	
☐ pH, SU	P403,				
☒ Phenolics, ug/l	P32730,	<20	3-23	BW	
☐ Phosphorus, Diss. P, mg/l	P666,				
☒ Phosphorus, Total P, mg/l	P665,	<0.05	3/28	HB	
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	636	3-23	BM	
☒ Residue, Total Nflt, mg/l	P530,	7	3-23	BM	
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	120	4-1	MH	
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF # / 100 ml	P31679,				
☐					

Comments: PIPE MILL SLIGHT OIL SHEEN

PRESERVATIVES

☒ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P
☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4
☒ HNO_3 ☒ Other O+G

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

DEPA 4700

2963-21

OHIO ENVIRONMENTAL PROTECTION AGENCY

FILED

TELEPHONE MEMORANDUM

WITH ODH - Columbus. DATE 4-23-80

REPRESENTING — TIME 10:05 A.M.

PERMIT NO. — PHONE EXT. 3522

OEPA STAFF Kelvin Rogers

SUBJECT Sampling Results from U.S. Steel - Lorain

Outfall 602 (BF Treatment System)

NOTES & SUMMARY: FOLLOW-UP DATE

VERBAL REPORT OF SAMPLE ANALYSES RESULTS

AMMONIA NITROGEN - 361 mg/l

TSS - 60 mg/l

PHENOLS - 46 mg/l

ANALYSIS FOR TOTAL CYANIDE HAS NOT BEEN MADE YET DUE TO BREAKDOWN OF LAB EQUIPMENT. IT PROBABLY WON'T BE DONE UNTIL NEXT WEEK.

(LAB ANALYSIS FORM # 31699)

Signature Kelvin Rogers

OEPA-INDWW-3

2963-20

Ohio Department of Health

Sanitary Chemistry Section

Environmental Sample Submission Report

Agency: OEPA

Division Program: WW 20

Analysis Reported To: ☐ CO ☐ CDO ☐ SE ☒ NE ☐ SW ☐ NW

Laboratory: ☒ Central ☐ SE ☐ NE ☐ SW ☐ NW

Sample Number: 31697

Analyst: Supervisor: Sadam

Date Received: 4/2/80

Date Reported: 5-5-80

Sample Identification

Station: US Steel - Lorain 602

ID Number: SC, ___ ___ ___ ___ ___ ___ ___,

Address:

City: Zip:

County: Lorain Phone (216) 425-9171

Collected By: K Rogers

Grab Sample Date or Beginning Date of Composite Sample—Use Military Time

Year	Month	Day	Hour	Minute
80	04	01	09	45

Ending Date of Composite Sample—Use Military Time

Year	Month	Day	Hour	Minute	CVT	S/T	TYP
80	04	01	14	45			

Field Treatment:

☐ Filtered ☒ $CuSO_4 + H_3PO_4$

☒ Iced ☒ H_2SO_4

☒ NaOH ☐ HNO_3

☐ Other (Explain)

Additional Information—Analyst Remarks—Non Routine Analytical Requests

3 grabs To make composite sample

phoned Mr Rogers 4/2/80 Sadam

Please protect 100 sheets from water

(u)

☐ Sample Code	P115,	☐ Conductivity, Field, U-MHO	P94,	☐ Chlorine Total Resd mg/l	P50060,
☐ pH, Field S.U.	P400,	☐ Flow, Instantaneous CFS	P61,	☐ Water Temperature, Field	P10,
☐ Dissolved Oxygen, Field mg/l	P300,	☐ Hydrogen Sulfide mg/l	P71875,	☐ Sample Purpose	P71999,
☐ Stream Gage	P65,	☐ Chlorine Free Avl, Field mg/l	P50064,	☐	

☐ Regular (or indicate by checking boxes)		☐ Phosphorus Sol, P mg/l	P666,	☐ Lithium Total, Li ug/l	P1132,
☐ Turbidity FTU	P76,	☐ Phosphate Reactive P mg/l	P70507,	☐ Manganese Total, Mn ug/l	P1055,
☐ Color Pt-Co	P80,	☐ Chloride, Cl mg/l	P940,	☐ Mercury Total, Hg ug/l	P71900,
☐ Conductivity at 25°C U-MHO	P95,	☐ Fluoride Total, F mg/l	P951,	☐ Molybdenum Total, Mo ug/l	P1062,
☐ pH, Lab S.U.	P403,	☒ Cyanide, CN mg/l	P720, 2.1	☐ Nickel Total, Ni ug/l	P1067,
☐ pH, $CaCO_3$ Stability S.U.	P70311,	☐ Silica, Diss. Si mg/l	P955,	☐ Selenium Total, Se ug/l	P1147,
☐ Alkalinity Total, $CaCO_3$ mg/l	P410,	☐ Calcium Total, Ca mg/l	P916,	☐ Silver Total, Ag ug/l	P1077,
☐ Alkalinity Phth, $CaCO_3$ mg/l	P415,	☐ Magnesium Total, Mg mg/l	P927,	☐ Strontium Total, Sr ug/l	P1082,
☐ Alkalinity $CaCO_3$ Stabl, mg/l	P74023,	☐ Sodium Total, Na mg/l	P929,	☐ Thallium Total, Tl ug/l	P1059,
☐ Acidity Total, $CaCO_3$ mg/l	P70508,	☐ Potassium Total, K mg/l	P937,	☐ Tin Total, Sn ug/l	P1102,
☐ Acidity M.O. $CaCO_3$ mg/l	P436,	☐ Aluminum Total, Al ug/l	P1105,	☐ Titanium Total, Ti ug/l	P1152,
☐ Hardness Total, $CaCO_3$ mg/l	P900,	☐ Antimony Total, Sb ug/l	P1097,	☐ Vanadium Total, V ug/l	P1087,
☐ Residue, Total mg/l	P500,	☐ Arsenic Total, As ug/l	P1002,	☐ Zinc Total, Zn ug/l	P1092,
☐ Residue, Total Volatile mg/l	P505,	☐ Barium Total, Ba ug/l	P1007,	☐ Carbon Total, Organic C mg/l	P680,
☒ Residue, Total Nfilt (Sus) mg/l	P530, 60	☐ Berylium Total, Be ug/l	P1012,	☐ Carbon Diss, Organic C mg/l	P681,
☐ Residue, Vol, Nfilt mg/l	P535,	☐ Bismuth Total, Bi ug/l	P1017,	☒ Phenol ug/l	P32730, 46
☐ Residue, Total Filt (Diss) mg/l	P70300,	☐ Boron Total, B ug/l	P1022,	☐ MBAS mg/l	P38260,
☐ Residue, Vol Filt mg/l	P520,	☐ Cadmium Total, Cd ug/l	P1027,	☐ Oil-Grease, Total mg/l	P556,
☐ Residue, Settlable ml/l	P545,	☐ Chromium Total, Cr ug/l	P1034,	☐ BOD, 5-Day mg/l	P310,
☐ Sulfate, SO_4 mg/l	P945,	☐ Chromium Hex, Cr ug/l	P1032,	☐ COD mg/l	P335,
☐ Nitrogen TKN, N mg/l	P625,	☐ Cobalt Total, Co ug/l	P1037,	☐ TOD mg/l	P343,
☒ Nitrogen Ammonia, N mg/l	P610, 361	☐ Copper Total, Cu ug/l	P1042,	☐	
☐ Nitrate-Nitrite, N mg/l	P620,	☐ Iron Total, Fe ug/l	P1045,	☐	
☐ Nitrite, N mg/l	P615,	☐ Iron Diss., Fe ug/l	P1046,	☐	
☐ Phosphorus Total, P mg/l	P665,	☐ Lead Total, Pb ug/l	P1051,	☐	

Distribution: 1—Data Processing 2—Central Office 3—District Office 4—Owner 5—Laboratory

selective cooling & bring the heat load ... so that WQ Sean be met
BF blowdown. C.S - 1.0 MGD to Lorain 2 yrs. away before Lorain
City will be ready to accept

2963-02

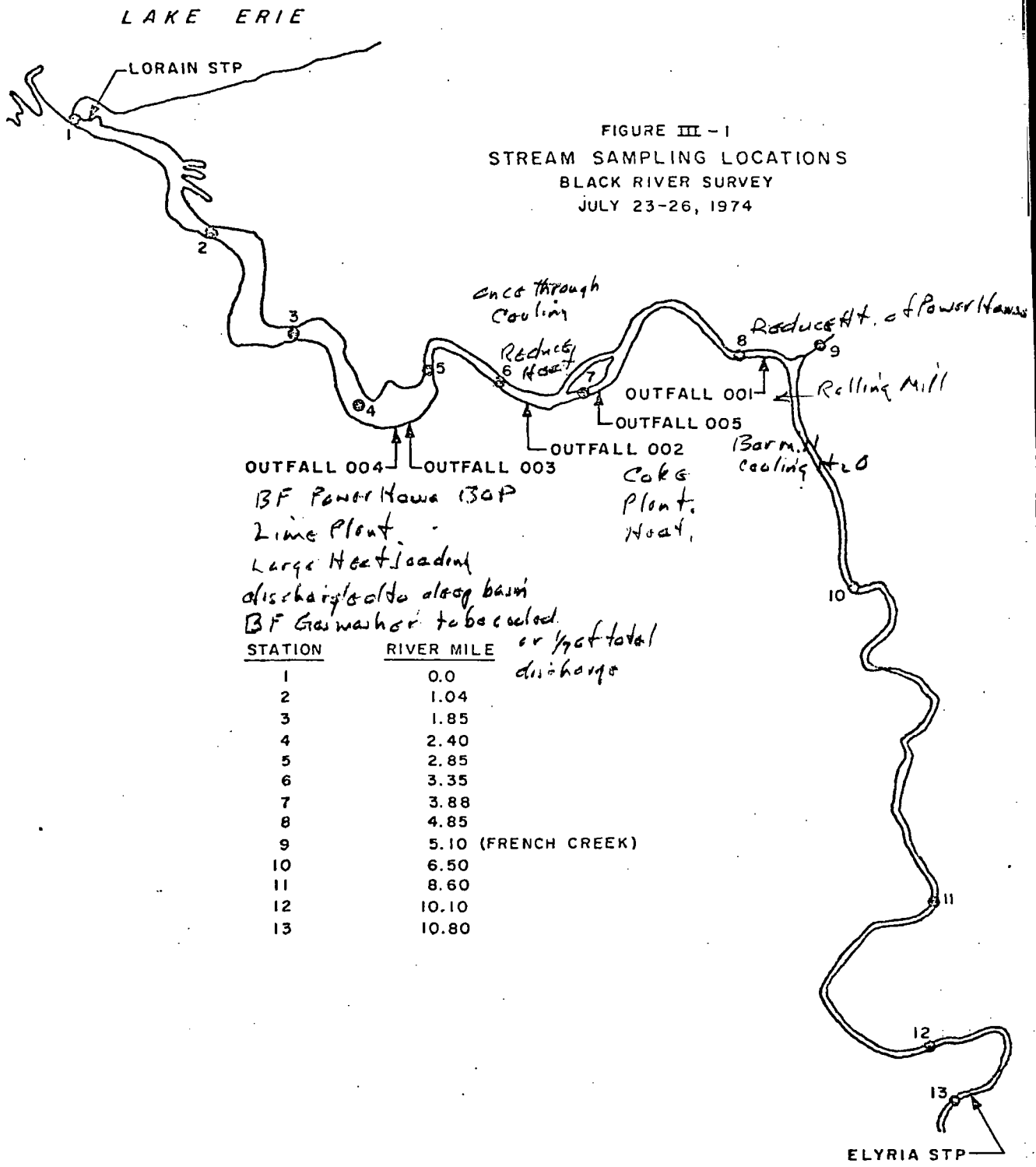


FIGURE III - 1
STREAM SAMPLING LOCATIONS
BLACK RIVER SURVEY
JULY 23-26, 1974

STATION	RIVER MILE
1	0.0
2	1.04
3	1.85
4	2.40
5	2.85
6	3.35
7	3.88
8	4.85
9	5.10 (FRENCH CREEK)
10	6.50
11	8.60
12	10.10
13	10.80

2963

U. S. STEEL - 1971

LORAIN, OHIO

Date	No. and Identification	Type of Sample	Solids Total mg/l	Solids Susp. mg/l	Grease & Oil mg/l	NH_3N mg/l	Phenol mg/l	Cyanide mg/l	Mercury µg/l	Iron mg/l	Lead mg/l	Nickel mg/l	Copper mg/l	Zinc mg/l	Total Chromium mg/l	Cadmium mg/l
[illegible]/29	2-R-BR - #5 Outfall 21st Storm Sewer & overflow from Sintering Settling Plant Basin	1730 Grab	724	47	15.9	6.67		0.58	<0.1	2.8	<0.1	<0.1	0.03	0.08	<0.1	<0.05
		2400 Grab	701	65	10.7	7.67		1.11	<0.1	3.7	<0.1	<0.1	0.02	0.10	0.3	<0.05
		Avg. mg/l	712	56	13.3	7.17		0.84	<0.1	3.2	<0.1	<0.1	0.02	0.09	<0.2	<0.05
3/29-30	6-R-BR #4 Outfall West blast furnaces	11 samples/24 hrs. 24-hr. comp.	505	81	0.0	6.50		1.99	0.1	6.4	0.2	<0.1	0.02	0.36	<0.1	<0.05
3/29-30	8-R-BR #4 Outfall West blast furnaces	11 samples/24 hrs. 24-hr. comp.	507	65	1.2	6.33		1.90	<0.1	6.6	0.1	<0.1	0.04	0.25	<0.1	<0.05
3/24-30	32-R-BR #2 Outfall Coke Plant-Globe Ave.	11 samples/24 hrs. 24-hr. comp.	511	135	3.8	3.10	0.350	1.30	0.3	32.5	<0.1	<0.1	0.03	0.22	<0.1	<0.05
		Grab	437	38												
[illegible]/29-30	42-R-BR #1 Outfall Pipe Mill lagoon effluent	11 samples/24 hrs. 24 hr. comp.	350	24	7.0			0.08	<0.1	2.4	0.1	<0.1	0.02	0.23	0.2	<0.05
3/29-30	WI-2 Water Intake (Flow 104 mgd)	11 samples/24 hrs. 24-hr. comp.	400	67	0.3	1.95		0.18	<0.1	5.6	<0.1	<0.1	0.02	0.12	<0.1	<0.05
3/29-30	WI-3 Water Intake	11 samples/24 hrs. 24-hr. comp.	346	47	1.7	0.56		0.00	<0.1	1.4	<0.1	<0.1	0.02	0.06	<0.1	<0.05
3/29-30	Blank for metals analysis								<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.1	<0.05

U. S. STEEL - 1971

LORAIN, OHIO

	Flow mgd	Solids Total mg/l	Solids Susp. mg/l	Grease & Oil mg/l	NH_3N mg/l	Phenol mg/l	Cyanide mg/l	Mercury µg/l	Iron mg/l	Lead mg/l	Nickel mg/l	Copper mg/l	Zinc mg/l	Total Chromium mg/l	Cadmium mg/l
Net Increase from 2-R-BR	1.03														
mg/l		312	N.D.	13.0	5.22		0.66	0	N.D.	0	0	0	N.D.	<0.2	0
#/day		2,680	N.D.	110	45		5.7	0	N.D.	0	0	0	N.D.	<2	0
Net Increase from 6-R-BR #4 outfall	15.60	105	14	N.D.[1]	4.55		1.81	0.1	0.8	0.2	0	0	0.24	0	0
mg/l		13,700	1,800	N.D.	590		240	13	100	26	0	0	30	0	0
#/day															
Net Increase from 8-R-BR #4 outfall	5.73														
mg/l		107	N.D.	039	4.38		1.72	0	1.0	0.1	0	0.02	0.13	0	0
#/day		5,000	N.D.	43	210		82	0	48	5	0	0.96	6.2	0	0
Net Increase from 32-R-BR #2 outfall	24.21														
mg/l		165	88	2.1	2.54		1.30	0.3	31.1	0	0	0.01	0.16	0	0
#/day		33,300	17,800	424	515		265	60	6,280	0	0	2.0	32	0	0
Net Increase from 42-R-BR #1 outfall	45.38														
mg/l		4	N.D.	5.3			0.08	0	1.0	0.1	0	0	0.17	0.2	0
#/day		1,500	N.D.	2,000			30	0	380	<38	0	0	64	76	0

[1] N.D. = Net decrease.

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LORAIN, OHIO

Date	Identification	Type of Sample	Solids Total mg/l	Solids Susp. mg/l	Grease & Oil mg/l	DO mg/l	NH_3N mg/l	Phenol mg/l	Cyanide mg/l	Mercury µg/l	Iron mg/l	Lead mg/l	Nickel mg/l	Copper mg/l	Zinc mg/l	Total Chromium mg/l	Cadmium mg/l
Black River Samples																	
3/30	B-16-22	Grab	267	53	1.5	12.80	0.28	0.001	0.00	<0.1	<1.3	<0.1	<0.1	<0.01	0.02	<0.1	<0.05
3/30	0.2 BR	Grab	295	29	2.5	12.30	0.79	0	0.02	<0.1	1.1	<0.1	<0.1	<0.01	0.05	<0.1	<0.05
3/30	1.0 BR	Grab	444	26	1.9	9.45	1.40	0.002	0.02	<0.1	1.4	<0.1	<0.1	0.03	0.13	0.1	<0.05
3/30	1.8 BR	Grab	423	18	3.4	9.00	1.75	0	0.06	<0.1	3.0	<0.1	<0.1	0.02	0.12	<0.1	<0.05
3/30	3.4 BR	Grab	368	26	2.9	10.40	1.08	0.036	0.10	<0.1	3.6	<0.1	<0.1	0.03	0.08	0.1	<0.05
3/30	3.7 BR	Grab	363	24	2.7	11.10	0.75	0.003	0.00	<0.1	1.3	<0.1	<0.1	0.03	0.06	<0.1	<0.05
3/30	5.3 BR	Grab	381	24	2.3	11.70	2.15	0.002	0.00	<0.1	1.2	<0.1	<0.1	0.06	0.04	0.1	<0.05
3/30	Blank for metals analyses only									<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.1	<0.05

U. S. STEEL - 1971

LORAIN, OHIO

Date	Identification	Type of Sample	Grease & Oil mg/g	Volatile Solids %	Volatile Solids mg/g	Iron mg/kg	Nickel mg/kg	Lead mg/kg	Cadmium mg/kg	Copper mg/kg	Zinc mg/kg	Total Cadmium mg/kg	Mercury mg/kg
ack River Sediments*													
3/28	B-16-22	Grab	1.28	50.6	45.7	27,064	65.03	78.05	10.35	40.32	156.1	36.42	8.5
3/28	0.2 BR	Grab	7.13	46.1	77.0	30,636	75.04	125.1	26.26	111.3	362.8	100.0	0.78
3/28	1.0 BR	Grab	11.75	39.3	89.5	29,400	71.80	149.6	39.48	119.7	520.6	170.5	0.84
3/28	1.8 BR	Grab	12.27	47.7	81.1	29,929	87.30	139.7	45.90	155.6	578.7	184.6	0.63
3/28	3.4 BR	Grab	13.36	48.6	84.0	30,972	81.67	122.5	40.84	136.8	435.7	122.5	0.95
3/28	3.7 BR	Grab	10.50	47.2	75.2	25,827	94.37	139.1	50.67	233.4	675.6	154.0	0.52
/28	5.3 BR	Grab	7.83	50.7	69.0	22,340	111.7	107.2	59.87	227.0	589.8	214.4	0.96

* All sediment analysis results are on dry weight basis.

PROCESS, NON-CONTACT, STORMWATER

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): OHOD01562

Form Approved OMB No. 2040-0086 Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO. 002

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	14.6	45.1	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand (COD)	20.8	64.2	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon (TOC)	5.8	17.9	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids (TSS)	466	3487	146	1267	56.7	364	83	mg/L	lb/day	"	"	"
e. Ammonia (as N)	20	123	12.5	113	6.29	42.2	80	mg/L	lb/day	"	"	"
f. Flow	VALUE 4.73		VALUE 2.74		VALUE 1.02		83	MGD	MGD	VALUE "	"	"
g. Temperature (winter)	VALUE 20.6		VALUE 14.9		VALUE 16.3 Annual		83	°C		VALUE "	"	"
h. Temperature (summer)	VALUE 29		VALUE 27.3		VALUE 16.3 Annual		61	°C		VALUE "	"	"
i. pH	MINIMUM 7.0	MAXIMUM 9.0	MINIMUM 7.0	MAXIMUM 9.0			83	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Color	X		25	-	"	"	"	"	1	P.C.U.	lb/day	"	"	"
d. Fecal Coliform	X		TNTC	-	"	"	"	"	1	Organism 100ML	lb/day	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Nitrate-Nitrite (as N)	X		20.6	63.6	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. PRESENT	b. ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.3	51.3	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		7.6	174	4.6	84.3	2.59	25.7	83	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		.52	20.5	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
k. Sulfate (as SO_4) (14808-79-8)	X		296	914	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		7.2	22.2	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		0.16	.494	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		6.340	19.58	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		5.400	16.68	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		<.070	-	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.033	0.10	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		4.120	12.72	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		26.3	81.3	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		.050	0.15	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		.698	2.15	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	002

Form Approved.
OMB No 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
3M. Beryllium, Total, 7440-41-7)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
4M. Cadmium, Total (7440-43-9)	X			<.002	-	"	"	"	"	1	mg/L	"	"	"	"
5M. Chromium, Total (7440-47-3)	X			.080	0.25	"	"	"	"	1	mg/L	"	"	"	"
6M. Copper, Total (7440-50-8)	X			.035	0.11	"	"	"	"	1	mg/L	"	"	"	"
7M. Lead, Total (7439-92-1)	X			.058	0.18	"	"	"	"	1	mg/L	"	"	"	"
8M. Mercury, Total (7439-97-6)	X			<.0002		"	"	"	"	1	mg/L	"	"	"	"
9M. Nickel, Total (7440-02-0)	X			.059	0.18	"	"	"	"	1	mg/L	"	"	"	"
10M. Selenium, Total (7782-49-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
11M. Silver, Total (7440-22-4)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
12M. Thallium, Total (7440-28-0)	X			<.025	-	"	"	"	"	1	mg/L	"	"	"	"
13M. Zinc, Total (7440-66-6)	X			.052	0.16	"	"	"	"	1	mg/L	"	"	"	"
14M. Cyanide, Total (57-12-5)	X			0.019	0.07	.019	0.07	0.00358	.0116	12	mg/L	"	"	"	"
15M. Phenols, Total	X			0.06	1.0	0.06	1.0	.0117	.128	11	mg/L	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Test Not Required	b. Pollutant Present	c. Pollutant Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/
2V. Acrylonitrile (107-13-1)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	
3V. Benzene (71-43-2)	X			<0.010	-	<0.010	"	<0.010	"	7	mg/L	lb/day	"	"	
4V. Bis (Chloromethyl) Ether (542-88-1)	X			<0.010	-	N/A	"	N/A	"	1	mg/L	lb/day	"	"	
5V. Bromoform (75-25-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
6V. Carbon Tetrachloride (56-23-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
7V. Chlorobenzene (108-90-7)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
8V. Chlorodibromomethane (124-48-1)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
9V. Chloroethane (75-00-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
11V. Chloroform (67-66-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
12V. Dichlorobromomethane (75-27-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
13V. Dichlorodifluoromethane (75-71-8)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
14V. 1,1-Dichloroethane (75-34-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
15V. 1,2-Dichloroethane (107-06-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
16V. 1,1-Dichloroethylene (75-35-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
17V. 1,2-Dichloropropane (78-87-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
18V. 1,3-Dichloropropylene (542-75-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
19V. Ethylbenzene (100-41-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
20V. Methyl Bromide (74-83-9)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
21V. Methyl Chloride (74-87-3)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	

OMB No 2040-0086
Approval expires 7-31-88

OHOD01562	002

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. PRESENT IN EFFLUENT	b. ABSENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			<.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TOXIC POLLUTANT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
18. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
28. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
48. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
58. Benzo (a) Anthracene (56-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
68. Benzo (a) Pyrene (50-32-8)	X			<0.030	-	<0.030	-	<0.030	-	7	mg/L	lb/day	"	"	"
78. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	N/A	"	N/A	"	1	mg/L	lb/day	"	"	"
88. Benzo (ghi) Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
98. Benzo (k) Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
108. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
118. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
128. Bis (2-Chloro-propyl) Ether (102-80-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
138. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
148. 4-Brome-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
158. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
168. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
178. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
188. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
198. Dibenzo (a,h) Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
208. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
218. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	002

Form Approved.
OMB No 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TOXIC POLLUTANT	b. CONVENTIONAL POLLUTANT	c. NONCONVENTIONAL POLLUTANT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			<.010	-	"	"	"		1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			<.010	-	"	"	"		1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
36B. Hexachloroethane (67-72-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			<0.030	-	<0.030	-	<0.030	-	7	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK "X" a. Believed Present	b. Believed Absent	c. Analytical Data	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (If available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (If available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
45B. Pyrene (129-00-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1): OHOD01562

OUTFALL NUMBER: 002

OMB No 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TOXIC POLLUTANT	b. CONVENTIONAL POLLUTANT	c. NON-CONVENTIONAL POLLUTANT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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EPA I.D. NUMBER *(copy from Item I of Form 1)*: OHOD01562

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO.: 003

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCENTRATION	b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	9.9	6103	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	16.8	10357	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	11.1	6843	"	"	"	"	1	mg/L	lb/day	"	"	
d. Total Suspended Solids *(TSS)*	1680	522000	432	135200	50	18800	129	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	26.2	16800	26.2	16800	2.77	1290	30	mg/L	lb/day	"	"	"
f. Flow	VALUE 98.0		VALUE 76.6		VALUE 44.3		129	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE 26.3		VALUE 21.9		VALUE 20.7 Annual		131	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE 36.6		VALUE 34.1		VALUE 20.7 Annual		131	°C		VALUE "	"	"
i. pH	MINIMUM 6.6	MAXIMUM 9.5	MINIMUM 7.0	MAXIMUM 9.5			131	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollut which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you m column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requiremen

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Color	X		20	-	"	"	"	"	1	P.C.U.	lb/day	"	"	"
d. Fecal Coliform	X		<1	-	"	"	"	"	1	Organism 100ML	lb/day	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Nitrate-Nitrite *(as N)*	X		2.53	1559	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

CAS NO. (If available)	Present	Absent	a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (If available) (1) Concentration	(2) Mass	c. LONG TERM AVG. VALUE (If available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	e. CONCENTRATION	f. MASS	g. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	h. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.1	678	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		9.7	3966	9.7	3966	2.26	946	30	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		<0.1	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	"	"	"	
k. Sulfate (as SO_4) (14808-79-8)	X		129.7	79958	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		< 0.4	-	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		< 0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		1.700	1048	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		3.400	2096	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		< .070	-	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.015	9.24	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		.958	591	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		15.6	9617	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		< .025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		.086	53	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V

EPA I.D. NUMBER (copy from Item 1 of Form 1) | OUTFALL NUMBER

OHOD01562 | 003

Form Approved
OMB No 2040-0086
Approval expires 7-31-88

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST IND. REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
3M. Beryllium, Total, 7440-41-7)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
4M. Cadmium, Total (7440-43-9)	X			<.002	-	"	"	"	"	1	mg/L	"	"	"	"
5M. Chromium, Total (7440-47-3)	X			.013	8.01	"	"	"	"	1	mg/L	"	"	"	"
6M. Copper, Total (7440-50-8)	X			.010	6.16	"	"	"	"	1	mg/L	"	"	"	"
7M. Lead, Total (7439-92-1)	X			0.14	37.7	0.14	37.7	0.0461	14.6	16	mg/L	"	"	"	"
8M. Mercury, Total (7439-97-6)	X			< .0002	-	N/A	N/A	N/A	N/A	1	mg/L	"	"	"	"
9M. Nickel, Total (7440-02-0)	X			.035	21.5	"	"	"	"	1	mg/L	"	"	"	"
10M. Selenium, Total (7782-49-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
11M. Silver, Total (7440-22-4)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
12M. Thallium, Total (7440-28-0)	X			<.025	-	"	"	"	"	1	mg/L	"	"	"	"
13M. Zinc, Total (7440-66-6)	X			0.12	68.8	0.12	68.8	0.0513	19.6	16	mg/L	"	"	"	"
14M. Cyanide, Total (57-12-5)	X			0.028	10.9	.028	10.9	0.00663	2.32	30	mg/L	"	"	"	"
15M. Phenols, Total	X			0.28	50.6	0.28	50.6	0.0222	6.49	30	mg/L	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST MIS. REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/
2V. Acrylonitrile (107-13-1)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	
3V. Benzene (71-43-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
4V. Bis (Chloromethyl) Ether (542-88-1)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
5V. Bromoform (75-25-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
6V. Carbon Tetrachloride (56-23-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
7V. Chlorobenzene (108-90-7)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
8V. Chlorodibromomethane (124-48-1)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
9V. Chloroethane (75-00-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
11V. Chloroform (67-66-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
12V. Dichlorobromomethane (75-27-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
13V. Dichlorodifluoromethane (75-71-8)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
14V. 1,1-Dichloroethane (75-34-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
15V. 1,2-Dichloroethane (107-06-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
16V. 1,1-Dichloroethylene (75-35-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
17V. 1,2-Dichloropropane (78-87-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
18V. 1,3-Dichloropropylene (542-75-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
19V. Ethylbenzene (100-41-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
20V. Methyl Bromide (74-83-9)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
21V. Methyl Chloride (74-87-3)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST PRO-DUCT REQUIRED	b. BE-LIEVED PRE-SENT	c. BE-LIEVED AB-SENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANAL-YSES	4. UNITS a. CONCEN-TRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCEN-TRATION	(2) MASS	b. NO. OF ANAL-YSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			<.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Present in Effluent	b. Present in Intake	c. Present in Intake	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2B. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3B. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4B. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Benzo (a) Anthracene (56-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. Benzo (a) Pyrene (50-32-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8B. Benzo (ghi) Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9B. Benzo (k) Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12B. Bis (2-Chloro-propyl) Ether (102-80-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15B. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16B. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17B. 4 Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18B. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20B. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21B. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TOXIC (INCLUDING HAZARDOUS)	b. CONVENTIONAL	c. NONCONVENTIONAL	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
36B. Hexachloroethane (67-72-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. PRESENT IN BACKGROUND	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<.010	–	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)	X			<.010	–	"	"	"	"	1	mg/L	lb/day	"	"	"
45B. Pyrene (129-00-0)	X			<.010	–	"	"	"	"	1	mg/L	lb/day	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<.010	–	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-9

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TOXIC POLLUTANT	b. CONVENTIONAL	c. NON-CONVENTIONAL	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PROCESS, NON- CONTACT & STORMWATER

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): OHOD01562

Form Approved OMB No. 2040-0086 Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL: 004

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	13.4	1719	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand (COD)	16.4	2105	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon (TOC)	2.7	347	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids (TSS)	2794	42840	791	15400	107	4170	127	mg/L	lb/day	"	"	"
e. Ammonia (as N)	8.7	685	87	685	2.22	149	30	mg/L	lb/day	"	"	"
f. Flow	VALUE 15.5		VALUE 15.4		VALUE 8.42		128	MGD	MGD	VALUE "	"	"
g. Temperature (winter)	VALUE 28.6		VALUE 23.2		VALUE 21.2 Annual		131	°C		VALUE "	"	"
h. Temperature (summer)	VALUE 37.6		VALUE 35.2		VALUE 21.2 Annual		131	°C		VALUE "	"	"
i. pH	MINIMUM 6.5	MAXIMUM 8.4	MINIMUM 6.5	MAXIMUM 8.4			131	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Color	X		20	-	"	"	"	"	1	P.C.U.	lb/day	"	"	"
d. Fecal Coliform	X		<1	-	"	"	"	"	1	Organism 100ML	lb/day	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Nitrate-Nitrite (as N)	X		2.26	290	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.2	154	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		10.4	449	10.4	449	2.91	174	30	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		0.47	60.3	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
k. Sulfate (as SO_4) (14808-79-8)	X		110.4	14169	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		<0.4	-	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		3.450	443	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		3.730	479	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		<.070	-	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.016	2.05	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		1.870	240	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		13.7	1758	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		.105	13.5	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

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EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	004

Form Approved
OMB No 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing required	b. Believed present	c. Believed absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
3M. Beryllium, Total, 7440-41-7)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
4M. Cadmium, Total (7440-43-9)	X			.002	0.26	"	"	"	"	1	mg/L	"	"	"	"
5M. Chromium, Total (7440-47-3)	X			.008	1.02	"	"	"	"	1	mg/L	"	"	"	"
6M. Copper, Total (7440-50-8)	X			.011	1.41	"	"	"	"	1	mg/L	"	"	"	"
7M. Lead, Total (7439-92-1)	X			0.48	21.8	0.48	21.8	.0907	2.75	17	mg/L	"	"	"	"
8M. Mercury, Total (7439-97-6)	X			<.0002	-	N/A	N/A	N/A	N/A	1	mg/L	"	"	"	"
9M. Nickel, Total (7440-02-0)	X			.029	3.72	"	"	"	"	1	mg/L	"	"	"	"
10M. Selenium, Total (7782-49-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
11M. Silver, Total (7440-22-4)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
12M. Thallium, Total (7440-28-0)	X			<.025	-	"	"	"	"	1	mg/L	"	"	"	"
13M. Zinc, Total (7440-66-6)	X			0.56	7.6	0.56	7.6	0.081	1.94	16	mg/L	"	"	"	"
14M. Cyanide, Total (57-12-5)	X			0.09	2.0	0.09	2.0	.00690	.213	30	mg/L	"	"	"	"
15M. Phenols, Total	X			0.047	4.1	0.047	4.1	.0175	1.27	30	mg/L	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. testing required	b. believed present	c. believed absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) concentration	(2) mass	b. MAXIMUM 30 DAY VALUE (if available) (1) concentration	(2) mass	c. LONG TERM AVRG. VALUE (if available) (1) concentration	(2) mass	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) concentration	(2) mass	b. NO OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3V. Benzene (71-43-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4V. Bis (Chloromethyl) Ether (542-88-1)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5V. Bromoform (75-25-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6V. Carbon Tetrachloride (56-23-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7V. Chlorobenzene (108-90-7)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8V. Chlorodibromomethane (124-48-1)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9V. Chloroethane (75-00-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11V. Chloroform (67-66-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12V. Dichlorobromomethane (75-27-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13V. Dichlorodifluoromethane (75-71-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14V. 1,1-Dichloroethane (75-34-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
15V. 1,2-Dichloroethane (107-06-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16V. 1,1-Dichloroethylene (75-35-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17V. 1,2-Dichloropropane (78-87-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19V. Ethylbenzene (100-41-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20V. Methyl Bromide (74-83-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21V. Methyl Chloride (74-87-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	004

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OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. GRAB	b. COMPOSITE	c. COMPOSITE	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X			<.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Present but not quantified	b. Believed present	c. Believed absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2B. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3B. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4B. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Benzo (a) Anthracene (56-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. Benzo (a) Pyrene (50-32-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8B. Benzo (ghi) Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9B. Benzo (k) Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12B. Bis (2-Chloro-propyl) Ether (102-80-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14B. 4-Brome-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15B. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16B. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18B. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20B. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21B. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	004

Form Approved
OMB No 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. Average Daily	b. Maximum Daily	c. Long Term Avrg.	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
36B. Hexachloroethane (67-72-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. PRESENT IN EFFLUENT	b. ABSENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
45B. Pyrene (129-00-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	004

Form Approved
OMB No 2040-0086
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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. Believed Present	b. Believed Absent	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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Form 3510-2C (Rev. 2-85)

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: OHOD01562

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OMB No. 2040-0086
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V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO: 005

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	7.4	261.4	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	17.6	621.6	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	8	283	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids *(TSS)*	306	8,105	120	4,260	41	1,160	131	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	0.9	31.8	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
f. Flow	VALUE 8.0		VALUE 5.1		VALUE 3.57		131	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE 23.8		VALUE 17.0		VALUE 16.6 Annual		131	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE 32.5		VALUE 30.2		VALUE 16.6 Annual		131	°C		VALUE "	"	"
i. pH	MINIMUM 7.0	MAXIMUM 8.3	MINIMUM 7.0	MAXIMUM 8.3			131	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Color	X		15	-	"	"	"	"	1	P.C.U.	lb/day	"	"	"
d. Fecal Coliform	X		< 1	-	"	"	"	"	1	Organism 100ML	lb/day	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Nitrate-Nitrite *(as N)*	X		2.53	89.36	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. PRESENT	b. ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		1.2	42.4	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		4.7	194	3.6	124	1.89	58.1	131	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		<0.1	--	N/A	N/A	N/A	N/A	1	mg/l	N/A	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	mg/l	lb/day	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	lb/day	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	lb/day	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	lb/day	"	"	"
k. Sulfate (as SO_4) (14808-79-8)	X		127.3	4,496	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		<0.4	--	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	--	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		<0.1	--	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		3.300	117	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		3.000	106	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		<.070	--	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.016	0.57	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		2.160	76.3	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		19.8	699	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		.042	1.48	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		.321	11.3	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		<.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		<.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-3

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	005

Form Approved.
OMB No 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	N/A	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)	X			<.0005	--	"	"	"	"	1	mg/L	"	"	"	"
3M. Beryllium, Total, 7440-41-7)	X			<.005	--	"	"	"	"	1	mg/L	"	"	"	"
4M. Cadmium, Total (7440-43-9)	X			<.002	--	"	"	"	"	1	mg/L	"	"	"	"
5M. Chromium, Total (7440-47-3)	X			.015	0.53	"	"	"	"	1	mg/L	"	"	"	"
6M. Copper, Total (7440-50-8)	X			.012	0.42	"	"	"	"	1	mg/L	"	"	"	"
7M. Lead, Total (7439-92-1)	X			.021	0.74	"	"	"	"	1	mg/L	"	"	"	"
8M. Mercury, Total (7439-97-6)	X			<.0002	--	"	"	"	"	1	mg/L	"	"	"	"
9M. Nickel, Total (7440-02-0)	X			.059	2.08	"	"	"	"	1	mg/L	"	"	"	"
10M. Selenium, Total (7782-49-2)	X			< .0005	--	"	"	"	"	1	mg/L	"	"	"	"
11M. Silver, Total (7440-22-4)	X			<.005	--	"	"	"	"	1	mg/L	"	"	"	"
12M. Thallium, Total (7440-28-0)	X			<.025	--	"	"	"	"	1	mg/L	"	"	"	"
13M. Zinc, Total (7440-66-6)	X			.086	3.03	"	"	"	"	1	mg/L	"	"	"	"
14M. Cyanide, Total (57-12-5)			X			"	"	"	"	1	mg/L	"	"	"	"
15M. Phenols, Total			X			"	"	"	"	1	mg/L	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
3V. Benzene (71-43-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
4V. Bis *(Chloromethyl)* Ether (542-88-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
5V. Bromoform (75-25-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
6V. Carbon Tetrachloride (56-23-5)			X	"	"	"	"	"	"	"	"	"	"	"	
7V. Chlorobenzene (108-90-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
8V. Chlorodibromomethane (124-48-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
9V. Chloroethane (75-00-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
11V. Chloroform (67-66-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
12V. Dichlorobromomethane (75-27-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
13V. Dichlorodifluoromethane (75-71-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14V. 1,1-Dichloroethane (75-34-3)			X	"	"	"	"	"	"	"	"	"	"	"	
15V. 1,2-Dichloroethane (107-06-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
16V. 1,1-Dichloroethylene (75-35-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
17V. 1,2-Dichloropropane (78-87-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
19V. Ethylbenzene (100-41-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
20V. Methyl Bromide (74-83-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
21V. Methyl Chloride (74-87-3)			X	"	"	"	"	"	"	"	"	"	"	"	"

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CONTINUED FROM PAGE V-4

OH0001562 | 005 | Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24V. Tetrachloroethylene (127-18-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
25V. Toluene (108-88-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
29V. Trichloroethylene (79-01-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
30V. Trichlorofluoromethane (75-69-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
31V. Vinyl Chloride (75-01-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
6A. 2-Nitrophenol (88-75-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
7A. 4-Nitrophenol (100-02-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
9A. Pentachlorophenol (87-86-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
10A. Phenol (108-95-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON REV.

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2B. Acenaphtylene (208-96-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
3B. Anthracene (120-12-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4B. Benzidine (92-87-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
5B. Benzo *(a)* Anthracene (56-55-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
6B. Benzo *(a)* Pyrene (50-32-8)			X	"	"	"	"	"	"	"	"	"	"	"	
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
8B. Benzo *(ghi)* Perylene (191-24-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
9B. Benzo *(k)* Fluoranthene (207-08-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
12B. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
15B. Butyl Benzyl Phthalate (85-68-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
16B. 2-Chloro-naphthalene (91-58-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
18B. Chrysene (218-01-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19B. Dibenzo *(a,h)* Anthracene (53-70-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
20B. 1,2-Dichloro-benzene (95-50-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
21B. 1,3-Dichloro-benzene (541-73-1)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
24B. Diethyl Phthalate (84-66-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25B. Dimethyl Phthalate (131-11-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
31B. Fluoranthene (206-44-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
32B. Fluorene (86-73-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
33B. Hexachlorobenzene (118-74-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
34B. Hexachlorobutadiene (87-68-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)			X	"	"	"	"	"	"	"	"	"	"	"	
36B. Hexachloroethane (67-72-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
38B. Isophorone (78-59-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
39B. Naphthalene (91-20-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
40B. Nitrobenzene (98-95-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
45B. Pyrene (129-00-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
GC/MS FRACTION — PESTICIDES															
1P. Aldrin (309-00-2)			X	"	"	"	"	"	"	"	"	"	"	"	
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

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CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item I of Form 1)	OUTFALL NUMBER
OHOD01562	005

OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1): 0H0D01562

Form Approved
OMB No. 2040-0086
Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO 006

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	246	6.17	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	57.1	1.43	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	45.7	1.14	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids *(TSS)*	11,200	281	"	"	"	"	1	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	1.1	0.03	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Flow	VALUE 0.003 (estimate)		VALUE N/A		VALUE N/A		1	MGD	MGD	VALUE N/A		"
g. Temperature *(winter)*	VALUE 14.3		VALUE N/A		VALUE N/A		1	°C		VALUE N/A		"
h. Temperature *(summer)*	VALUE N/A		VALUE N/A		VALUE N/A		N/A	°C		VALUE N/A		"
i. pH	MINIMUM 8.1	MAXIMUM	MINIMUM	MAXIMUM			1	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
b. Chlorine, Total Residual		X	"	"	"	"	"	"	"	"	"	"	"	"
c. Color		X	"	"	"	"	"	"	"	"	"	"	"	"
d. Fecal Coliform		X	"	"	"	"	"	"	"	"	"	"	"	"
e. Fluoride (16984-48-8)		X	"	"	"	"	"	"	"	"	"	"	"	"
f. Nitrate-Nitrite *(as N)*		X	"	"	"	"	"	"	"	"	"	"	"	"

CAS NO. (if available)	PRESENT	ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	f. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
h. Oil and Grease		X	"	"	"	"	"	"	"	"	"	"	"	"
i. Phosphorus (as P), Total (7723-14-0)		X	"	"	"	"	"	"	"	"	"	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
k. Sulfate (as SO_4) (14808-79-8)		X	"	"	"	"	"	"	"	"	"	"	"	"
l. Sulfide (as S)		X	"	"	"	"	"	"	"	"	"	"	"	"
m. Sulfite (as SO_3) (14265-45-3)		X	"	"	"	"	"	"	"	"	"	"	"	"
n. Surfactants		X	"	"	"	"	"	"	"	"	"	"	"	"
o. Aluminum, Total (7429-90-5)		X	"	"	"	"	"	"	"	"	"	"	"	"
p. Barium, Total (7440-39-3)		X	"	"	"	"	"	"	"	"	"	"	"	"
q. Boron, Total (7440-42-8)		X	"	"	"	"	"	"	"	"	"	"	"	"
r. Cobalt, Total (7440-48-4)		X	"	"	"	"	"	"	"	"	"	"	"	"
s. Iron, Total (7439-89-6)		X	"	"	"	"	"	"	"	"	"	"	"	"
t. Magnesium, Total (7439-95-4)		X	"	"	"	"	"	"	"	"	"	"	"	"
u. Molybdenum, Total (7439-98-7)		X	"	"	"	"	"	"	"	"	"	"	"	"
v. Manganese, Total (7439-96-5)		X	"	"	"	"	"	"	"	"	"	"	"	"
w. Tin, Total (7440-31-5)		X	"	"	"	"	"	"	"	"	"	"	"	"
x. Titanium, Total (7440-32-6)		X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-3

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)			X	"	"	"	"	"	"	"	"	"	"	"	
3M. Beryllium, Total, 7440-41-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4M. Cadmium, Total (7440-43-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5M. Chromium, Total (7440-47-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
6M. Copper, Total (7440-50-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
7M. Lead, Total (7439-92-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
8M. Mercury, Total (7439-97-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
9M. Nickel, Total (7440-02-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
10M. Selenium, Total (7782-49-2)			X	"	"	"	"	"	"	"	"	"	"	"	
11M. Silver, Total (7440-22-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
12M. Thallium, Total (7440-28-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
13M. Zinc, Total (7440-66-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
14M. Cyanide, Total (57-12-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
15M. Phenols, Total			X	"	"	"	"	"	"	"	"	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
3V. Benzene (71-43-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
4V. Bis (Chloromethyl) Ether (542-88-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
5V. Bromoform (75-25-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
6V. Carbon Tetrachloride (56-23-5)			X	"	"	"	"	"	"	"	"	"	"	"	
7V. Chlorobenzene (108-90-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
8V. Chlorodibromomethane (124-48-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
9V. Chloroethane (75-00-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
11V. Chloroform (67-66-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
12V. Dichlorobromomethane (75-27-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
13V. Dichlorodifluoromethane (75-71-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14V. 1,1-Dichloroethane (75-34-3)			X	"	"	"	"	"	"	"	"	"	"	"	
15V. 1,2-Dichloroethane (107-06-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
16V. 1,1-Dichloroethylene (75-35-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
17V. 1,2-Dichloropropane (78-87-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
19V. Ethylbenzene (100-41-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
20V. Methyl Bromide (74-83-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
21V. Methyl Chloride (74-87-3)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	"	"	"	"	"	"	"	"	"	"	"	
24V. Tetrachloroethylene (127-18-4)			X	"	"	"	"	"	"	"	"	"	"	"	
25V. Toluene (108-88-3)			X	"	"	"	"	"	"	"	"	"	"	"	
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	"	"	"	"	"	"	"	"	"	"	"	
27V. 1,1,1-Trichloroethane (71-55-6)			X	"	"	"	"	"	"	"	"	"	"	"	
28V. 1,1,2-Trichloroethane (79-00-5)			X	"	"	"	"	"	"	"	"	"	"	"	
29V. Trichloroethylene (79-01-6)			X	"	"	"	"	"	"	"	"	"	"	"	
30V. Trichlorofluoromethane (75-69-4)			X	"	"	"	"	"	"	"	"	"	"	"	
31V. Vinyl Chloride (75-01-4)			X	"	"	"	"	"	"	"	"	"	"	"	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X	"	"	"	"	"	"	"	"	"	"	"	
2A. 2,4-Dichlorophenol (120-83-2)			X	"	"	"	"	"	"	"	"	"	"	"	
3A. 2,4-Dimethylphenol (105-67-9)			X	"	"	"	"	"	"	"	"	"	"	"	
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	"	"	"	"	"	"	"	"	"	"	"	
5A. 2,4-Dinitrophenol (51-28-5)			X	"	"	"	"	"	"	"	"	"	"	"	
6A. 2-Nitrophenol (88-75-5)			X	"	"	"	"	"	"	"	"	"	"	"	
7A. 4-Nitrophenol (100-02-7)			X	"	"	"	"	"	"	"	"	"	"	"	
8A. P-Chloro-M-Cresol (59-50-7)			X	"	"	"	"	"	"	"	"	"	"	"	
9A. Pentachlorophenol (87-86-5)			X	"	"	"	"	"	"	"	"	"	"	"	
10A. Phenol (108-95-2)			X	"	"	"	"	"	"	"	"	"	"	"	
11A. 2,4,6-Trichlorophenol (88-06-2)			X	"	"	"	"	"	"	"	"	"	"	"	

AND CAS NUMBER (If available)	TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
2B. Acenaphtylene (208-96-8)			X	"	"	"	"	"	"	"	"	"	"	"	
3B. Anthracene (120-12-7)			X	"	"	"	"	"	"	"	"	"	"	"	
4B. Benzidine (92-87-5)			X	"	"	"	"	"	"	"	"	"	"	"	
5B. Benzo *(a)* Anthracene (56-55-3)			X	"	"	"	"	"	"	"	"	"	"	"	
6B. Benzo *(a)* Pyrene (50-32-8)			X	"	"	"	"	"	"	"	"	"	"	"	
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	"	"	"	"	"	"	"	"	"	"	"	
8B. Benzo *(ghi)* Perylene (191-24-2)			X	"	"	"	"	"	"	"	"	"	"	"	
9B. Benzo *(k)* Fluoranthene (207-08-9)			X	"	"	"	"	"	"	"	"	"	"	"	
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)			X	"	"	"	"	"	"	"	"	"	"	"	
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)			X	"	"	"	"	"	"	"	"	"	"	"	
12B. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)			X	"	"	"	"	"	"	"	"	"	"	"	
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)			X	"	"	"	"	"	"	"	"	"	"	"	
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)			X	"	"	"	"	"	"	"	"	"	"	"	
15B. Butyl Benzyl Phthalate (85-68-7)			X	"	"	"	"	"	"	"	"	"	"	"	
16B. 2-Chloro-naphthalene (91-58-7)			X	"	"	"	"	"	"	"	"	"	"	"	
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X	"	"	"	"	"	"	"	"	"	"	"	
18B. Chrysene (218-01-9)			X	"	"	"	"	"	"	"	"	"	"	"	
19B. Dibenzo *(a,h)* Anthracene (53-70-3)			X	"	"	"	"	"	"	"	"	"	"	"	
20B. 1,2-Dichloro-benzene (95-50-1)			X	"	"	"	"	"	"	"	"	"	"	"	
21B. 1,3-Dichloro-benzene (541-73-1)			X	"	"	"	"	"	"	"	"	"	"	"	

CONTINUE ON PAGE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION -- BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
24B. Diethyl Phthalate (84-66-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25B. Dimethyl Phthalate (131-11-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
31B. Fluoranthene (206-44-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
32B. Fluorene (86-73-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
33B. Hexachlorobenzene (118-74-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
34B. Hexachlorobutadiene (87-68-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
36B. Hexachloroethane (67-72-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
38B. Isophorone (78-59-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
39B. Naphthalene (91-20-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
40B. Nitrobenzene (98-95-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
45B. Pyrene (129-00-0)			X	"	"	"	"	"	"	"	"	"	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	"	"	"	"	"	"	"	"	"	"	"	
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TOXIC POLLUTANT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PROCESS-BLAST FURNACE TREATMENT BLOWDOWN

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1) OHOD01562

Form Approved OMB No 2040-0086 Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO 602

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	27.5	2.52	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	44	4.04	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	9.2	0.85	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids *(TSS)*	252	304	87.6	81.8	50.7	14.4	121	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	406	142	153	47.6	61.4	16	121	mg/L	lb/day	"	"	"
f. Flow	VALUE .18		VALUE 0.08		VALUE 0.0303		120	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE 31.2		VALUE 28.6		VALUE 27.4		16	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE N/A		VALUE N/A		VALUE N/A		0	°C		VALUE "	"	"
i. pH	MINIMUM 6.2	MAXIMUM 7.9	MINIMUM 6.2	MAXIMUM 7.9			121	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. ANALYSES
a. Bromide (24959-67-9)	X		< 2	-	N/A	N/A	N/A	N/A	N/A	1	mg/L	N/A	N/A	N/A
b. Chlorine, Total Residual	X		< 0.1	-	"	"	"	"	"	1	mg/L	"	"	"
c. Color	X		35	-	"	"	"	"	"	1	PCU	"	"	"
d. Fecal Coliform	X		< 1	-	"	"	"	"	"	1	Organism 100 ML	"	"	"
e. Fluoride (16984-48-8)	X		< 0.1	-	"	"	"	"	"	1	mg/L	"	"	"
f. Nitrate-Nitrite *(as N)*	X		26	2.4	"	"	"	"	"	1	mg/L	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		2.2	0.20	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		4.2	"	"	"	"	"	1	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		< 0.1	"	"	"	"	"	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	mg/L	lb/day	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
k. Sulfate (as SO_4) (14808-79-8)	X		177.6	16.32	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		0.8	0.07	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		5.700	0.52	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		1.500	0.14	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		< .070	-	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.170	0.02	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		2.380	0.22	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		96	8.82	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		.120	0.01	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		22.400	2.06	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		.028	0.003	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		.020	0.002	"	"	"	"	1	mg/L	lb/day	"	"	"

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OH0D01562 | 602

Form Approved
OMB No 2040-0086
Approval expires 7 31 88

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/l	lb/day	"	"	
3M. Beryllium, Total, 7440-41-7)	X			<.005	-	"	"	"	"	1	mg/l	lb/day	"	"	
4M. Cadmium, Total (7440-43-9)	X			.003	0.0003	"	"	"	"	1	mg/l	lb/day	"	"	
5M. Chromium, Total (7440-47-3)	X			.017	0.0016	"	"	"	"	1	mg/l	lb/day	"	"	
6M. Copper, Total (7440-50-8)	X			.019	0.002	"	"	"	"	1	mg/l	lb/day	"	"	
7M. Lead, Total (7439-92-1)	X			3.36	1.0	1.49	0.55	0.571	0.164	121	mg/l	lb/day	"	"	
8M. Mercury, Total (7439-97-6)	X			<.0002	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	"	"	
9M. Nickel, Total (7440-02-0)	X			.163	0.015	"	"	"	"	1	mg/l	lb/day	"	"	
10M. Selenium, Total (7782-49-2)	X			<.0005	-	"	"	"	"	1	mg/l	lb/day	"	"	
11M. Silver, Total (7440-22-4)	X			.011	0.001	"	"	"	"	1	mg/l	lb/day	"	"	
12M. Thallium, Total (7440-28-0)	X			<.025	-	"	"	"	"	1	mg/l	lb/day	"	"	
13M. Zinc, Total (7440-66-6)	X			17.4	3.63	6.85	1.17	.975	.241	121	mg/l	lb/day	"	"	
14M. Cyanide, Total (57-12-5)	X			3.5	1.0	1.0	0.31	.191	.0511	121	mg/l	lb/day	"	"	
15M. Phenols, Total	X			5.4	2.75	2.2	1.0	.204	.065	121	mg/l	lb/day	"	"	
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TOXIC POLLUTANT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			< .025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)	X			< .025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3V. Benzene (71-43-2)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4V. Bis (Chloromethyl) Ether (542 88-1)	X			< 0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5V. Bromoform (75-25-2)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6V. Carbon Tetrachloride (56-23-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	
7V. Chlorobenzene (108-90-7)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8V. Chlorodibromomethane (124-48-1)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9V. Chloroethane (75-00-3)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11V. Chloroform (67-66-3)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12V. Dichlorobromomethane (75-27-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13V. Dichlorodifluoromethane (75-71-8)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14V. 1,1-Dichloroethane (75-34-3)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15V. 1,2-Dichloroethane (107-06-2)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16V. 1,1-Dichloroethylene (75-35-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17V. 1,2-Dichloropropane (78-87-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19V. Ethylbenzene (100-41-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20V. Methyl Bromide (74-83-9)	X			< 0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21V. Methyl Chloride (74-87-3)	X			< 0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			<.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/
2B. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
3B. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
4B. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	
5B. Benzo (a) Anthracene (56-55-3)	X			.040	.0000037	"	"	"	"	1	mg/L	lb/day	"	"	
6B. Benzo (a) Pyrene (50-32-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
8B. Benzo (ghi) Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
9B. Benzo (k) Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
12B Bis (2-Chloroso-propyl) Ether (102-60-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
15B. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
16B. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
18B. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
20B. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
21B. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	

CONTINUE ON PAGE

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
36B. Hexachloroethane (67-72-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVER

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TOXIC POLLUTANT	b. CONVENTIONAL POLLUTANT	c. NONCONVENTIONAL POLLUTANT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L		N/A	N/A	N/A
44B. Phenanthrene (85-01-8)		X		<0.010	-	"	"	"	"	1	mg/L		"	"	"
45B. Pyrene (129-00-0)		X		<0.010	-	"	"	"	"	1	mg/L		"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)		X		<0.010	-	"	"	"	"	1	mg/L		"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	"	"	"	"	N/A	N/A	N/A	"	"	
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1): OHOD01562

OUTFALL NUMBER: 602

OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024 57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

OHOD01562

OMB No 2040-0086
Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 603

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	8.8	5.73	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	126	82.1	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	32.4	21.1	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids *(TSS)*	84	32	27.8	32.3	15.7	3.70	27	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	1.1	0.71	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
f. Flow	VALUE 0.15		VALUE 0.15		VALUE 0.0236		26	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE 21.0		VALUE N/A		VALUE N/A		1	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE N/A		VALUE N/A		VALUE N/A		0	°C		VALUE "	"	"
i. pH	MINIMUM 7.3	MAXIMUM 8.5	MINIMUM 7.1	MAXIMUM 8.5			27	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	N/A	1	mg/L	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	"	1	mg/L	"	"	"
c. Color	X		50	-	"	"	"	"	"	1	PCU	"	"	"
d. Fecal Coliform	X		<1	-	"	"	"	"	"	1	Organism/100 ML	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	"	1	mg/L	"	"	"
f. Nitrate-Nitrite *(as N)*	X		3.71	2.41	"	"	"	"	"	1	mg/L	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		2.8	1.8	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		4.3	2.8	"	"	"	"	1	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		2.03	1.32	"	"	"	"	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	mg/L	lb/day	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
k. Sulfate (as SO_4) (14808-79-8)	X		358.5	233	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		<0.4	-	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		< 0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		1.100	0.72	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		5.680	3.7	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		< .070	-	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.035	0.02	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		.869	0.566	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		20.7	13.5	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		.481	0.313	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		.014	0.009	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-3

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
3M. Beryllium, Total, 7440-41-7)	X			< .005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
4M. Cadmium, Total (7440-43-9)	X			.002	0.001	"	"	"	"	1	mg/l	lb/day	"	"	"
5M. Chromium, Total (7440-47-3)	X			.435	0.283	"	"	"	"	1	mg/l	lb/day	"	"	"
6M. Copper, Total (7440-50-8)	X			.043	0.028	"	"	"	"	1	mg/l	lb/day	"	"	"
7M. Lead, Total (7439-92-1)	X			0.17	0.07	0.17	0.06	0.0574	0.0127	27	mg/l	lb/day	"	"	"
8M. Mercury, Total (7439-97-6)	X			<.0002	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	"	"	"
9M. Nickel, Total (7440-02-0)	X			.058	-	"	"	"	"	1	mg/l	lb/day	"	"	"
10M. Selenium, Total (7782-49-2)	X			<.0005	-	"	"	"	"	1	mg/l	lb/day	"	"	
11M. Silver, Total (7440-22-4)	X			< .005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
12M. Thallium, Total (7440-28-0)	X			< .025	-	"	"	"	"	1	mg/l	lb/day	"	"	"
13M. Zinc, Total (7440-66-6)	X			0.72	0.57	0.36	0.12	.102	.0334	27	mg/l	lb/day	"	"	"
14M. Cyanide, Total (57-12-5)			X	-	-	N/A	N/A	N/A	N/A	N/A	mg/l	lb/day	"	"	"
15M. Phenols, Total			X	-	-	"	"	"	"	N/A	mg/l	lb/day	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			< .025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)	X			< .025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3V. Benzene (71-43-2)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4V. Bis (Chloromethyl) Ether (542-88-1)	X			< 0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5V. Bromoform (75-25-2)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6V. Carbon Tetrachloride (56-23-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	
7V. Chlorobenzene (108-90-7)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8V. Chlorodibromomethane (124-48-1)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9V. Chloroethane (75-00-3)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11V. Chloroform (67-66-3)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12V. Dichlorobromomethane (75-27-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13V. Dichlorodifluoromethane (75-71-8)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14V. 1,1-Dichloroethane (75-34-3)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15V. 1,2-Dichloroethane (107-06-2)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16V. 1,1-Dichloroethylene (75-35-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17V. 1,2-Dichloropropane (78-87-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19V. Ethylbenzene (100-41-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20V. Methyl Bromide (74-83-9)	X			< 0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21V. Methyl Chloride (74-87-3)	X			< 0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			< .005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	
28V. 1,1,2-Trichloroethane (79-00-5)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			< .005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			< .025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			< .050	-	"	"	"	"	1	mg/L	lb/day	"	"	
5A. 2,4-Dinitrophenol (51-28-5)	X			< .050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			< .050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			< .050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N
2B. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
3B. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
4B. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	
5B. Benzo *(a)* Anthracene (56-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
6B. Benzo *(a)* Pyrene (50-32-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
8B. Benzo *(ghi)* Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
9B. Benzo *(k)* Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
10B. Bis *(2-Chloro-ethoxy)* Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
11B. Bis *(2-Chloro-ethyl)* Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
12B. Bis *(2-Chloroiso-propyl)* Ether (102-60-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
13B. Bis *(2-Ethyl-hexyl)* Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
15B. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
16B. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
18B. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
19B. Dibenzo *(a,h)* Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
20B. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
21B. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	

CONTINUE ON PAGE

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			< .010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			< .020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	
28B. 2,6-Dinitrotoluene (606-20-2)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	
36B. Hexachloroethane (67-72-1)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			< .010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TOXIC (INCLUDE QUANTITY)	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L		N/A	N/A	N/A
44B. Phenanthrene (85-01-8)		X		<0.010	-	"	"	"	"	1	mg/L		"	"	"
45B. Pyrene (129-00-0)		X		<0.010	-	"	"	"	"	1	mg/L		"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)		X		<0.010	-	"	"	"	"	1	mg/L		"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	"	"	"	"	N/A	N/A	N/A	"	"	
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TO BE INCLUDED IN REQUIREMENT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024 57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

OHOD01562

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V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 605

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	35.8	2.98	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	31	2.58	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	7.1	0.59	"	"	"	"	1	mg/L	lb/day	"	"	"
d. Total Suspended Solids *(TSS)*	624	52.1	"	"	"	"	1	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	252	N/A	143	"	67.91	"	75	mg/L	lb/day	"	"	"
f. Flow	VALUE 0.01 (estimate)		VALUE N/A		VALUE N/A		1	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE N/A		VALUE N/A		VALUE N/A		1	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE N/A		VALUE N/A		VALUE N/A		0	°C		VALUE "	"	"
i. pH	MINIMUM N/A	MAXIMUM N/A	MINIMUM N/A	MAXIMUM N/A			N/A	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		< 2	-	N/A	N/A	N/A	N/A	N/A	1	mg/L	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	"	1	mg/L	"	"	"
c. Color	X		15	-	"	"	"	"	"	1	PCU	"	"	"
d. Fecal Coliform	X		<1	-	"	"	"	"	"	1	Organism / 100 ML	"	"	"
e. Fluoride (16984-48-8)	X		<0.1		"	"	"	"	"	1	mg/L	"	"	"
f. Nitrate-Nitrite *(as N)*	X		27.1	2.26	"	"	"	"	"	1	mg/L	"	"	"

CONTINUE ON REVERSE

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		0.5	.04	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		3.8	0.32	"	"	"	"	1	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	mg/L	lb/day	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	mg/L	lb/day	"	"	"
k. Sulfate (as SO_4) (14808-79-8)	X		355.7	29.7	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		3.3	0.28	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		0.22	.02	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		5.270	0.440	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		13.000	1.09	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		.700	0.059	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		.057	0.005	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		37.700	3.14	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		41.6	3.47	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		.180	0.015	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		9.470	0.791	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		.024	0.002	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		.035	0.003	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-3

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PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
3M. Beryllium, Total, 7440-41-7)			X	N/A	-	"	"	"	"	N/A	N/A	N/A	"	"	"
4M. Cadmium, Total (7440-43-9)			X	"	-	"	"	"	"	"	"	"	"	"	"
5M. Chromium, Total (7440-47-3)			X	"	-	"	"	"	"	"	"	"	"	"	"
6M. Copper, Total (7440-50-8)			X	"	-	"	"	"	"	"	"	"	"	"	"
7M. Lead, Total (7439-92-1)			X	"	-	"	"	"	"	"	"	"	"	"	"
8M. Mercury, Total (7439-97-6)			X	"	-	"	"	"	"	"	"	"	"	"	"
9M. Nickel, Total (7440-02-0)			X	"	-	"	"	"	"	"	"	"	"	"	"
10M. Selenium, Total (7782-49-2)			X	"	-	"	"	"	"	"	"	"	"	"	
11M. Silver, Total (7440-22-4)			X	"	-	"	"	"	"	"	"	"	"	"	"
12M. Thallium, Total (7440-28-0)			X	"	-	"	"	"	"	"	"	"	"	"	"
13M. Zinc, Total (7440-66-6)			X	"	-	"	"	"	"	"	"	"	"	"	"
14M. Cyanide, Total (57-12-5)	X			0.032	N/A	0.032	"	0.00656	"	"	"	"	"	"	"
15M. Phenols, Total	X			0.060	"	0.06	"	0.0273	"	"	"	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3V. Benzene (71-43-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4V. Bis (Chloromethyl) Ether (542-88-1)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5V. Bromoform (75-25-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6V. Carbon Tetrachloride (56-23-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7V. Chlorobenzene (108-90-7)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8V. Chlorodibromomethane (124-48-1)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9V. Chloroethane (75-00-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11V. Chloroform (67-66-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12V. Dichlorobromomethane (75-27-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13V. Dichlorodifluoromethane (75-71-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14V. 1,1-Dichloroethane (75-34-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15V. 1,2-Dichloroethane (107-06-2)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
16V. 1,1-Dichloroethylene (75-35-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17V. 1,2-Dichloropropane (78-87-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19V. Ethylbenzene (100-41-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20V. Methyl Bromide (74-83-9)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21V. Methyl Chloride (74-87-3)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
28B. 2,6-Dinitrotoluene (606-20-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
36B. Hexachloroethane (67-72-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
44B. Phenanthrene (86-01-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
45B. Pyrene (129-00-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	"	"	"	"	N/A	N/A	N/A	"	"	
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUE ON PAGE V-9

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			<.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2B. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3B. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4B. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Benzo (a) Anthracene (56-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. Benzo (a) Pyrene (50-32-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8B. Benzo (ghi) Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9B. Benzo (k) Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12B. Bis (2-Chloroso-propyl) Ether (102-60-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15B. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
16B. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18B. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20B. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21B. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-

CONTINUED FROM PAGE V-8

OHOD01562 | 605 | Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INFORMATION REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024 57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: OHOD01562

Form Approved
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Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 901

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	9.1	5,644	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	11.2	6,947	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	8.2	5,086	"	"	"	"	1	mg/L	lb/day	"	"	
d. Total Suspended Solids *(TSS)*	1,120	N/A	289	"	51.3	"	131	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	13.2	N/A	6.1	"	1.96	"	131	mg/L	lb/day	"	"	"
f. Flow	VALUE N/A		VALUE N/A		VALUE 74.28		1	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE 19.1		VALUE 14.6		VALUE 15.0 Annual		131	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE 32.6		VALUE 29.1		VALUE 15.0 Annual		131	°C		VALUE "	"	"
i. pH	MINIMUM 6.8	MAXIMUM 8.1	MINIMUM 6.8	MAXIMUM 8.1			131	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollut. which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you m. column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requiremen.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Color	X		20	-	"	"	"	"	1	P.C.U.	lb/day	"	"	"
d. Fecal Coliform	X		3	-	"	"	"	"	1	Organism 100ML	lb/day	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Nitrate-Nitrite *(as N)*	X		3.16	1,960	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

CAS NO. (If available)	a. Present	b. Absent	a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. LONG TERM 30 DAY VALUE (If available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (If available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (as N)	X		0.4	248	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		5.8	N/A	4.1	N/A	2.23	N/A	131	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		0.39	242	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	"	"	"	
k. Sulfate (as SO_4) (14808-79-8)	X		142.4	88,322	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		0.8	496	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	--	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		0.1	62.0	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		0.140	86.8	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		3.860	2,394	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		<0.07	--	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		0.014	8.68	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		0.454	282	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		158	9,800	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		<0.025	--	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		0.05	31.0	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		<0.001	--	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		<0.001	--	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-3

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	901

Form Approved
OMB No 2040-0086
Approval expires 7-31-88

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST ING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)		X		<0.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	1
2M. Arsenic, Total (7440-38-2)		X		<0.05	-	"	"	"	"	1	mg/L	"	"	"	"
3M. Beryllium, Total, 7440-41-7)		X		<0.005	-	"	"	"	"	1	mg/L	"	"	"	"
4M. Cadmium, Total (7440-43-9)		X		<0.002	-	"	"	"	"	1	mg/L	"	"	"	"
5M. Chromium, Total (7440-47-3)		X		0.007	4.34	"	"	"	"	1	mg/L	"	"	"	"
6M. Copper, Total (7440-50-8)		X		0.009	5.58	"	"	"	"	1	mg/L	"	"	"	"
7M. Lead, Total (7439-92-1)		X		0.96	N/A	0.25	"	0.0563	N/A	131	mg/L	"	"	"	"
8M. Mercury, Total (7439-97-6)		X		<0.0001	-	N/A	"	N/A	"	1	mg/L	"	"	"	"
9M. Nickel, Total (7440-02-0)		X		0.025	15.5	"	"	"	"	1	mg/L	"	"	"	"
10M. Selenium, Total (7782-49-2)		X		<0.0005	-	"	"	"	"	1	mg/L	"	"	"	"
11M. Silver, Total (7440-22-4)		X		<0.005	-	"	"	"	"	1	mg/L	"	"	"	"
12M. Thallium, Total (7440-28-0)		X		<0.025	-	"	"	"	"	1	mg/L	"	"	"	"
13M. Zinc, Total (7440-66-6)		X		0.58	N/A	0.24	"	0.0622	"	131	mg/L	"	"	"	"
14M. Cyanide, Total (57-12-5)		X		0.19	N/A	0.05	"	0.00707	"	131	mg/L	"	"	"	"
15M. Phenols, Total		X		0.140	N/A	0.06	"	0.0127	"	131	mg/L	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)		X		<0.025	--	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2V. Acrylonitrile (107-13-1)		X		<0.025	--	"	"	"	"	1	mg/L	lb/day	"	"	"
3V. Benzene (71-43-2)		X		<0.01	--	<0.01	--	"	"	7	mg/L	lb/day	"	"	"
4V. Bis (Chloromethyl) Ether (542-88-1)		X		<0.010	--	N/A	N/A	"	"	1	mg/l	lb/day	"	"	"
5V. Bromoform (75-25-2)		X		<0.005	--	"	"	"	"	1	mg/l	lb/day	"	"	"
6V. Carbon Tetrachloride (56-23-5)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
7V. Chlorobenzene (108-90-7)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
8V. Chlorodibromomethane (124-48-1)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
9V. Chloroethane (75-00-3)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
10V. 2-Chloroethylvinyl Ether (110-75-8)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
11V. Chloroform (67-66-3)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
12V. Dichlorobromomethane (75-27-4)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
13V. Dichlorodifluoromethane (75-71-8)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
14V. 1,1-Dichloroethane (75-34-3)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
15V. 1,2-Dichloroethane (107-06-2)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	
16V. 1,1-Dichloroethylene (75-35-4)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
17V. 1,2-Dichloropropane (78-87-5)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
18V. 1,3-Dichloropropylene (542-75-6)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
19V. Ethylbenzene (100-41-4)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
20V. Methyl Bromide (74-83-9)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
21V. Methyl Chloride (74-87-3)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)		X		<0.005	--	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	
28V. 1,1,2-Trichloroethane (79-00-5)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)		X		<0.005	--	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)		X		<0.025	--	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)		X		<0.050	--	"	"	"	"	1	mg/L	lb/day	"	"	
5A. 2,4-Dinitrophenol (51-28-5)		X		<0.050	--	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)		X		<0.050	--	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)		X		<0.050	--	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)		X		<0.010	--	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON P

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. Present in Effluent	b. Believed Present	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2B. Acenaphtylene (208-96-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3B. Anthracene (120-12-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4B. Benzidine (92-87-5)		X		<0.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Benzo (a) Anthracene (56-55-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. Benzo (a) Pyrene (50-32-8)		X		<0.03	-	<0.03	-	<0.03	-	7	mg/L	lb/day	"	"	"
7B. 3,4-Benzo-fluoranthene (205-99-2)		X		<0.010	-	N/A	N/A	N/A	"	1	mg/L	lb/day	"	"	"
8B. Benzo (ghi) Perylene (191-24-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9B. Benzo (k) Fluoranthene (207-08-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12B. Bis (2-Chloro-propyl) Ether (102-80-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
15B. Butyl Benzyl Phthalate (85-68-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16B. 2-Chloro-naphthalene (91-58-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18B. Chrysene (218-01-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19B. Dibenzo (a,h) Anthracene (53-70-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20B. 1,2-Dichloro-benzene (95-50-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21B. 1,3-Dichloro-benzene (541-73-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)		X		<0.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
28B. 2,6-Dinitrotoluene (606-20-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine *(as Azobenzene)* (122-66-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
36B. Hexachloroethane (67-72-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)		X		<0.03	-	<0.03	-	<0.03	-	7	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
45B. Pyrene (129-00-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	"	"	"	"	N/A	N/A	N/A	"	"	
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024 57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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MAY 13 1988

OHIO EPA-N.E.D.O.

PUMP INTAKE - BLACK RIVER

.EASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of is information on separate sheets *(use the same format)* instead of completing these pages. EE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: OHOD01562

Form Approved. OMB No. 2040-0086 Approval expires 7-31 88

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 002

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
. Biochemical)xygen Demand *BOD)*	9.8	1,768	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
. Chemical)xygen Demand *COD)*	16.2	2,922	"	"	"	"	1	mg/L	lb/day	"	"	"
. To[illegible] Organic [illegible] *TOC)*	4.8	866	"	"	"	"	1	mg/L	lb/day	"	"	"
. Total Suspended olids *(TSS)*	232	N/A	114	"	39.7	"	131	mg/L	lb/day	"	"	"
. Ammonia *(as N)*	--	--	N/A	"	--	--	--	mg/L	lb/day	"	"	"
. Flow	VALUE N/A		VALUE N/A		VALUE 21.60		1	MGD	MGD	VALUE "	"	"
. Temperature *winter)*	VALUE 21.8		VALUE 15.6		VALUE 14.5 Annual		131	°C		VALUE "	"	"
. Temperature *summer)*	VALUE 29.7		VALUE 26.6		VALUE 14.5 Annual		131	°C		VALUE "	"	"
. pH	MINIMUM 7.0	MAXIMUM 8.2	MINIMUM 7.0	MAXIMUM 8.2			131	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. [illegible] LUTANT AND CAS NO. *(if available)*	2. MARK 'X' a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
. Bromide 24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	N/A	1	mg/L	N/A	N/A	N/A
. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	"	1	mg/L	"	"	"
. Color	X		20	-	"	"	"	"	"	1	PUC	"	"	"
. Fecal Coliform	X		4	-	"	"	"	"	"	1	Organism 100ML	"	"	"
. Fluoride 16984-48-8)	X		<0.1	-	"	"	"	"	"	1	mg/L	"	"	"
. Nitrate-Nitrite *(as N)*	X		2.71	489	"	"	"	"	"	1	mg/L	"	"	"

CONTINUE ON REVERSE

ITEM V B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. BELIEVED PRESENT	2. MARK 'X' b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
Nitrogen, otal Organic N)	X		0.8	144	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
Oil and rease	X		5.1	N/A	3.70	"	1.90	"	131	mg/L	lb/day	"	"	"
Phosphorus P), Total 723-14 0)	X		0.26	46.9	N/A	"	N/A	"	1	mg/L	lb/day	"	"	"
Radioactivity														
) Alpha, otal		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	"	"	"
) P ot		X	"	"	"	"	"	"	"	"	"	"	"	"
) Radium, otal		X	"	"	"	"	"	"	"	"	"	"	"	"
) Radium 6, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
Sulfate SO_4) 4808-79-8)	X		106.2	19,154	"	"	"	"	1	mg/L	lb/day	"	"	"
Sulfide S)	X		0.8	144.2	"	"	"	"	1	mg/L	lb/day	"	"	"
Sulfite SO_3) 4265-45-3)	X		<0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
Surfactants	X		0.1	18.03	"	"	"	"	1	mg/L	lb/day	"	"	"
Aluminum, otal 429-90-5)	X		0.131	23.6	"	"	"	"	1	mg/L	lb/day	"	"	"
Barium, otal 44 3)	X		0.375	67.6	"	"	"	"	1	mg/L	lb/day	"	"	"
Bo otal 440-42-8)	X		<0.07	-	"	"	"	"	1	mg/L	lb/day	"	"	"
Cobalt, otal 440-48-4)	X		0.020	3.60	"	"	"	"	1	mg/L	lb/day	"	"	"
Iron, Total 439-89-6)	X		0.637	115	"	"	"	"	1	mg/L	lb/day	"	"	"
Magnesium, otal 439-95-4)	X		15.1	2,723	"	"	"	"	1	mg/L	lb/day	"	"	"
Molybdenum, otal 439-98-7)	X		<0.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
Manganese, otal 439-96-5)	X		0.043	7.76	"	"	"	"	1	mg/L	lb/day	"	"	"
Tin, Total 440-31-5)	X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
Titanium,														

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	902

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)		X		<0.025	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
2M. Arsenic, Total (7440-38-2)		X		<0.005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
3M. Beryllium, Total, 7440-41-7)		X		<0.005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
4M. Cadmium, Total (7440-43-9)		X		<0.002	-	"	"	"	"	1	mg/l	lb/day	"	"	"
5M. Chromium, Total (7440-47-3)		X		0.65	-	0.14	"	.0305	"	50	mg/l	lb/day	"	"	"
6M. Copper, Total (7440-50-8)		X		0.008	1.44	N/A	"	N/A	"	1	mg/l	lb/day	"	"	"
7M. Lead, Total (7439-92-1)		X		0.91	-	0.25	"	.0604	"	50	mg/l	lb/day	"	"	"
8M. Mercury, Total (7439-97-6)		X		<0.0002	-	N/A	"	N/A	"	1	mg/l	lb/day	"	"	"
9M. Nickel, Total (7440-02-0)		X		0.035	6.31	"	"	"	"	1	mg/l	lb/day	"	"	"
10M. Selenium, Total (7782-49-2)		X		<0.0005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
11M. Silver, Total (7440-22-4)		X		<0.005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
12M. Thallium, Total (7440-28-0)		X		<0.025	-	"	"	"	"	1	mg/l	lb/day	"	"	"
13M. Zinc, Total (7440-66-6)		X		0.19	34.3	0.07	"	0.419	"	51	mg/l	lb/day	"	"	"
14M. Cyanide, Total (57-12-5)		X		<0.010	-	N/A	"	N/A	"	1	mg/l	lb/day	"	"	"
15M. Phenols, Total		X		<0.005	-	"	"	"	"	1	mg/l	lb/day	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

ONTINUED FROM THE FRONT

. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST INCLUDED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
:C/MS FRACTION – VOLATILE COMPOUNDS															
V. Acrolein 107-02-8)		X		<0.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
V. Acrylonitrile 107-13-1)		X		<0.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Benzene 71-43-2)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Bis (Chloro- ethyl Ether 54 1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Bromoform 75-25-2)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Carbon etrachloride 56-23-5)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Chlorobenzene 108-90-7)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Chlorodi- romomethane 124-48-1)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
V. Chloroethane 75-00-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
0V. 2-Chloro- thylvinyl Ether 110-75-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
1V. Chloroform 67-66-3)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2V. Dichloro- romomethane 75-27-4)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3V. Dichloro- ifluoromethane 75-71-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4V. 1,1-Dichloro- thane (75-34-3)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5V. 1,2-Dichloro- thane (107-06-2)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6V. 1,1-Dichloro- thylene (75-35-4)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7V. 1,2-Dichloro propane (78-87-5)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8V. 1,3-Dichloro- propylene (542-75-6)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9V. Ethylbenzene 100-41-4)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
0V. Methyl romide (74-83-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	902

OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)		X		<0.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-D[illegible]roethylene ([illegible]0-5)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)		X		<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)		X		<0.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3[illegible] 1-Dimethyl-p[illegible] (105-67-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)		X		<0.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)		X		<0.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)		X		<0.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)		X		<0.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Tri-															

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
B. Acenaphthene 83-32-9)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
B. Acenaphtylene 208-96-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. Anthracene 120-12-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. Benzidine 12-87-5)		X		<0.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. zo (a) ne 56)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. Benzo (a) yrene (50-32-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. 3,4-Benzo- luoranthene 205-99-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. Benzo (ghi) erylene 191-24-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
B. Benzo (k) luoranthene 207-08-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
0B. Bis (2-Chloro- thoxy) Methane 111-91-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
1B. Bis (2-Chloro- thyl) Ether 111-44-4)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2B. Bis (2-Chloroiso- opyl) Ether (102-60-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3B. Bis (2-Ethyl- exyl) Phthalate 11 7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4B. Bromo- henyl Phenyl ther (101-55-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Butyl Benzyl hthalate (85-68-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. 2-Chloro- aphthalene 91-58-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7B. 4-Chloro- henyl Phenyl ther (7005-72-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8B. Chrysene 218-01-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9B. Dibenzo (a,h) nthracene 53-70-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
0B. 1,2-Dichloro- enzene (95-50-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
1B. 1,3-Dichloro-															

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)		X		<0.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (8[illegible]2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
36B. Hexachloroethane (67-72-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TO BE INCLUDED IN REQUIREMENT	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
C/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)															
1B. N-Nitro-diphenylamine 6-30-6)		X		<0.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
4B. Phenanthrene 5-01-8)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Pyrene 29-00-0)		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. 1,2,4-Tri-chlorobenzene 2[illegible])		X		<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
C/MS FRACTION – PESTICIDES															
P. Aldrin 09-00-2)			X	N/A	N/A	"	"	"	"	N/A	N/A	N/A	"	"	"
P. α-BHC 19-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. β-BHC 19 85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. γ-BHC 8-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. δ-BHC 19-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. Chlordane 7-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. 4,4'-DDT 0-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. [illegible]DE 2-[illegible]			X	"	"	"	"	"	"	"	"	"	"	"	"
P. 4,4'-DDD 2-54 8)			X	"	"	"	"	"	"	"	"	"	"	"	
P. Dieldrin 0 57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. α-Endosulfan 15-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. β-Endosulfan 15-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. Endosulfan ulfate 031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. Endrin 2 20 8)			X	"	"	"	"	"	"	"	"	"	"	"	"
P. Endrin ldehyde 421-93 4)			X	"	"	"	"	"	"	"	"	"	"	"	"

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024 57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: OHOD01562

Form Approved
OMB No. 2040-0086
Approval expires 7-31-89

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO.: 001

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand *(BOD)*	26.1	453	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
b. Chemical Oxygen Demand *(COD)*	70.8	1229	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Total Organic Carbon *(TOC)*	12.7	220.6	"	"	"	"	1	mg/L	lb/day	"	"	
d. Total Suspended Solids *(TSS)*	69	2584	29.0	773	13.1	180	131	mg/L	lb/day	"	"	"
e. Ammonia *(as N)*	1.5	17.4	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
f. Flow	VALUE 9.1		VALUE 3.86		VALUE 1.56		131	MGD	MGD	VALUE "	"	"
g. Temperature *(winter)*	VALUE 28.9		VALUE 21.4		VALUE 20.8 (Annual)		130	°C		VALUE "	"	"
h. Temperature *(summer)*	VALUE 34.7		VALUE 32.2		VALUE 20.8 (Annual)		130	°C		VALUE "	"	"
i. pH	MINIMUM 6.9	MAXIMUM 8.1	MINIMUM 6.9	MAXIMUM 8.1			131	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. *(if available)*	2. MARK "X" a. BELIEVED PRESENT	b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)	X		<2	-	N/A	N/A	N/A	N/A	1	mg/l	lb/day	N/A	N/A	N/A
b. Chlorine, Total Residual	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
c. Color	X		15	-	"	"	"	"	1	P.C.U.	lb/day	"	"	"
d. Fecal Coliform	X		<1	-	"	"	"	"	1	Organism 100ML	lb/day	"	"	"
e. Fluoride (16984-48-8)	X		<0.1	-	"	"	"	"	1	mg/L	lb/day	"	"	"
f. Nitrate-Nitrite *(as N)*	X		2.7	46.9	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON REVERSE

NT AND CAS NO. (If available)	b. 02: Laboratory Pres-ent	b. 02: Laboratory Ab-sent	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (If available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (If available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANAL-YSES	e. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANAL-YSES
g. Nitrogen, Total Organic (as N)	X		1.7	29.5	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
h. Oil and Grease	X		11.8	220	7.6	125	3.99	52.7	131	mg/L	lb/day	"	"	"
i. Phosphorus (as P), Total (7723-14-0)	X		<0.1	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	"	"	"
j. Radioactivity														
(1) Alpha, Total		X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	"	"	"
(2) Beta, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(3) Radium, Total		X	"	"	"	"	"	"	"	"	"	"	"	"
(4) Radium 226, Total		X	"	"	"	"	"	"	"	"	"	"	"	
k. Sulfate (as SO_4) (14808-79-8)	X		129.2	2243.9	"	"	"	"	1	mg/L	lb/day	"	"	"
l. Sulfide (as S)	X		4	69.5	"	"	"	"	1	mg/L	lb/day	"	"	"
m. Sulfite (as SO_3) (14265-45-3)	X		<0.25	-	"	"	"	"	1	mg/L	lb/day	"	"	"
n. Surfactants	X		0.12	2.08	"	"	"	"	1	mg/L	lb/day	"	"	"
o. Aluminum, Total (7429-90-5)	X		450	8	"	"	"	"	1	mg/L	lb/day	"	"	"
p. Barium, Total (7440-39-3)	X		4200	73	"	"	"	"	1	mg/L	lb/day	"	"	"
q. Boron, Total (7440-42-8)	X		<.070	-	"	"	"	"	1	mg/L	lb/day	"	"	"
r. Cobalt, Total (7440-48-4)	X		22	0.4	"	"	"	"	1	mg/L	lb/day	"	"	"
s. Iron, Total (7439-89-6)	X		4030	70	"	"	"	"	1	mg/L	lb/day	"	"	"
t. Magnesium, Total (7439-95-4)	X		15.9	276.2	"	"	"	"	1	mg/L	lb/day	"	"	"
u. Molybdenum, Total (7439-98-7)	X		30	0.52	"	"	"	"	1	mg/L	lb/day	"	"	"
v. Manganese, Total (7439-96-5)	X		318	5.52	"	"	"	"	1	mg/L	lb/day	"	"	"
w. Tin, Total (7440-31-5)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
x. Titanium, Total (7440-32-6)	X		<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-3

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
OHOD01562	001

Form Approved
OMB No 2040-0086
Approval expires 7-31-88

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a *(secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions)*, mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table *(all 7 pages)* for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (if available) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X			<.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N
2M. Arsenic, Total (7440-38-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
3M. Beryllium, Total, 7440-41-7)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
4M. Cadmium, Total (7440-43-9)	X			<.002	-	"	"	"	"	1	mg/L	"	"	"	"
5M. Chromium, Total (7440-47-3)	X			.009	0.156	"	"	"	"	1	mg/L	"	"	"	"
6M. Copper, Total (7440-50-8)	X			.024	0.42	"	"	"	"	1	mg/L	"	"	"	"
7M. Lead, Total (7439-92-1)	X			.061	1.05	"	"	"	"	1	mg/L	"	"	"	"
8M. Mercury, Total (7439-97-6)	X			<.0002	-	"	"	"	"	1	mg/L	"	"	"	"
9M. Nickel, Total (7440-02-0)	X			.069	1.19	"	"	"	"	1	mg/L	"	"	"	"
10M. Selenium, Total (7782-49-2)	X			<.0005	-	"	"	"	"	1	mg/L	"	"	"	"
11M. Silver, Total (7440-22-4)	X			<.005	-	"	"	"	"	1	mg/L	"	"	"	"
12M. Thallium, Total (7440-28-0)	X			<.025	-	"	"	"	"	1	mg/L	"	"	"	"
13M. Zinc, Total (7440-66-6)	X			.037	0.643	"	"	"	"	1	mg/L	"	"	"	"
14M. Cyanide, Total (57-12-5)	X			.013	0.226	"	"	"	"	1	mg/L	"	"	"	"
15M. Phenols, Total	X			.012	0.208	"	"	"	"	1	mg/L	"	"	"	"
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TREATMENT REQUIREMENTS	b. DESCRIBED PROBLEMS	c. DESCRIBED REQUIREMENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b.
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<0.025	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	
2V. Acrylonitrile (107-13-1)	X			<0.025	-	"	"	"	"	1	mg/L	lb/day	"	"	
3V. Benzene (71-43-2)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
4V. Bis (Chloromethyl) Ether (542-88-1)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
5V. Bromoform (75-25-2)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
6V. Carbon Tetrachloride (56-23-5)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
7V. Chlorobenzene (108-90-7)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
8V. Chlorodibromomethane (124-48-1)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
9V. Chloroethane (75-00-3)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
10V. 2-Chloroethylvinyl Ether (110-75-8)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
11V. Chloroform (67-66-3)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
12V. Dichlorobromomethane (75-27-4)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
13V. Dichlorodifluoromethane (75-71-8)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
14V. 1,1-Dichloroethane (75-34-3)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
15V. 1,2-Dichloroethane (107-06-2)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
16V. 1,1-Dichloroethylene (75-35-4)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
17V. 1,2-Dichloropropane (78-87-5)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
18V. 1,3-Dichloropropylene (542-75-6)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
19V. Ethylbenzene (100-41-4)	X			<0.005	-	"	"	"	"	1	mg/L	lb/day	"	"	
20V. Methyl Bromide (74-83-9)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
21V. Methyl Chloride (74-87-3)	X			<0.010	-	"	"	"	"	1	mg/L	lb/day	"	"	

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – VOLATILE COMPOUNDS *(continued)*															
22V. Methylene Chloride (75-09-2)	X			<.005	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24V. Tetrachloroethylene (127-18-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25V. Toluene (108-88-3)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27V. 1,1,1-Trichloroethane (71-55-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28V. 1,1,2-Trichloroethane (79-00-5)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29V. Trichloroethylene (79-01-6)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30V. Trichlorofluoromethane (75-69-4)	X			<.005	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31V. Vinyl Chloride (75-01-4)	X			<.025	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
2A. 2,4-Dichlorophenol (120-83-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3A. 2,4-Dimethylphenol (105-67-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5A. 2,4-Dinitrophenol (51-28-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6A. 2-Nitrophenol (88-75-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7A. 4-Nitrophenol (100-02-7)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8A. P-Chloro-M-Cresol (59-50-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9A. Pentachlorophenol (87-86-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10A. Phenol (108-95-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11A. 2,4,6-Trichlorophenol (88-06-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. TEST INC. REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
2B. Acenaphtylene (208-96-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
3B. Anthracene (120-12-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
4B. Benzidine (92-87-5)	X			<.050	-	"	"	"	"	1	mg/L	lb/day	"	"	"
5B. Benzo (a) Anthracene (56-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
6B. Benzo (a) Pyrene (50-32-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
8B. Benzo (ghi) Perylene (191-24-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
9B. Benzo (k) Fluoranthene (207-08-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
12B. Bis (2-Chloro-propyl) Ether (102-80-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
14B. 4-Bromo-phenyl Phenyl Ether (101-55-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
15B. Butyl Benzyl Phthalate (85-68-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
16B. 2-Chloro-naphthalene (91-58-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
18B. Chrysene (218-01-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
19B. Dibenzo (a,h) Anthracene (53-70-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
20B. 1,2-Dichloro-benzene (95-50-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
21B. 1,3-Dichloro-benzene (541-73-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUE ON PAGE V-7

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. TOXIC (pollutant)	b. CONVERSION (pollutant)	c. CONVERSION (pollutant)	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
23B. 3,3'-Dichlorobenzidine (91-94-1)	X			<.020	-	"	"	"	"	1	mg/L	lb/day	"	"	"
24B. Diethyl Phthalate (84-66-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
25B. Dimethyl Phthalate (131-11-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
26B. Di-N-Butyl Phthalate (84-74-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
27B. 2,4-Dinitrotoluene (121-14-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
28B. 2,6-Dinitrotoluene (606-20-2)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
29B. Di-N-Octyl Phthalate (117-84-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
31B. Fluoranthene (206-44-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
32B. Fluorene (86-73-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
33B. Hexachlorobenzene (118-74-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
34B. Hexachlorobutadiene (87-68-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
35B. Hexachlorocyclopentadiene (77-47-4)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	
36B. Hexachloroethane (67-72-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
38B. Isophorone (78-59-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
39B. Naphthalene (91-20-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
40B. Nitrobenzene (98-95-3)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
41B. N-Nitrosodimethylamine (62-75-9)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X" a. Presumed Absent	b. Believed Present	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVRG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6)	X			<.010	-	N/A	N/A	N/A	N/A	1	mg/L	lb/day	N/A	N/A	N/A
44B. Phenanthrene (85-01-8)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
45B. Pyrene (129-00-0)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
46B. 1,2,4-Trichlorobenzene (120-82-1)	X			<.010	-	"	"	"	"	1	mg/L	lb/day	"	"	"
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2P. α-BHC (319-84-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
3P. β-BHC (319-85-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
4P. γ-BHC (58-89-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
5P. δ-BHC (319-86-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
6P. Chlordane (57-74-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
7P. 4,4'-DDT (50-29-3)			X	"	"	"	"	"	"	"	"	"	"	"	"
8P. 4,4'-DDE (72-55-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
9P. 4,4'-DDD (72-54-8)			X	"	"	"	"	"	"	"	"	"	"	"	
10P. Dieldrin (60-57-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
11P. α-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
12P. β-Endosulfan (115-29-7)			X	"	"	"	"	"	"	"	"	"	"	"	"
13P. Endosulfan Sulfate (1031-07-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
14P. Endrin (72-20-8)			X	"	"	"	"	"	"	"	"	"	"	"	"
15P. Endrin Aldehyde (7421-93-4)			X	"	"	"	"	"	"	"	"	"	"	"	"
16P. Heptachlor (76-44-8)			X	"	"	"	"	"	"	"	"	"	"	"	"

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Testing Required	b. Believed Present	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) Concentration	(2) Mass	b. MAXIMUM 30 DAY VALUE (if available) (1) Concentration	(2) Mass	c. LONG TERM AVG. VALUE (if available) (1) Concentration	(2) Mass	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) Concentration	(2) Mass	b. NO. OF ANALYSES
GC/MS FRACTION — PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18P. PCB-1242 (53469-21-9)			X	"	"	"	"	"	"	"	"	"	"	"	"
19P. PCB-1254 (11097-69-1)			X	"	"	"	"	"	"	"	"	"	"	"	"
20P. PCB-1221 (11104-28-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
21P. PCB-1232 (11141-16-5)			X	"	"	"	"	"	"	"	"	"	"	"	
22P. PCB-1248 (12672-29-6)			X	"	"	"	"	"	"	"	"	"	"	"	"
23P. PCB-1260 (11096-82-5)			X	"	"	"	"	"	"	"	"	"	"	"	"
24P. PCB-1016 (12674-11-2)			X	"	"	"	"	"	"	"	"	"	"	"	"
25P. Toxaphene (8001-35-2)			X	"	"	"	"	"	"	"	"	"	"	"	"

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