

VII. Other Required Information

- A. Notes on Specific Analysis
- B. Report of Operator Certification
- C. Status of the Operations and Maintenance Manual

A. Notes on Specific Analysis

1. It should be noted that some of the reference methods are equivalent. The organic priority pollutant analyses listed in E.P.A.'s Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846 (ref. c) are equivalent to the methods E.P.A. prescribes for water in Methods for Chemical Analysis for Water and Wastes, (ref.a). Specifically wastewater methods 3510 and 8270 (ref.d) together are the same as the water method 625 (ref.a), and Method 8260B (ref. c) is equivalent to Method 624 (ref.a). Methods 3550 and 8270 together are equivalent to the E.P.A. Contract Laboratory Program's (ref. aa) method for ultrasonication and gas chromatograph-mass spectrographic analysis. The E.P.A.'s metals analyses for water (ref.a) generally just refers to the procedure in Standard Methods (ref. b, bb).

2. Detection Limit

MDLs for various analyses were updated in 2008. The MDLs referenced in this report are the maximum MDL for the calendar year. The following is a table listing, by Analyses Code and Analyte name, the changes in the MDLs that occurred in 2008. All MDL studies were performed following CFR136.3. This year most MDL studies utilized clean matrix, i.e. Deionized Water or clean sand.

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
8260B_SLDS	111_3CLETHANE	25-Jun-08	3.2	27.4	UG/KG
8260B_SLDS	1122_4CLETHANE	25-Jun-08	5.9	64	UG/KG
8260B_SLDS	112_3CLETHANE	25-Jun-08	2.8	35.1	UG/KG
8260B_SLDS	11_2CLETHANE	25-Jun-08	1.9	25.7	UG/KG
8260B_SLDS	11_2CLETHENE	25-Jun-08	5	25.1	UG/KG
8260B_SLDS	124_3CLBENZENE	25-Jun-08	2.5	330	UG/KG
8260B_SLDS	12_2BRETHANE	25-Jun-08	2.5	17	UG/KG
8260B_SLDS	12_2CLBENZENE	25-Jun-08	1.5	28.7	UG/KG
8260B_SLDS	12_2CLETHANE	25-Jun-08	3.6	20.5	UG/KG
8260B_SLDS	12_2CLPROPANE	25-Jun-08	2.6	25.5	UG/KG
8260B_SLDS	13_2CLBENZENE	25-Jun-08	1.8	16.1	UG/KG
8260B_SLDS	14_2CLBENZENE	25-Jun-08	1.5		UG/KG
8260B_SLDS	2-NITROPROPANE	25-Jun-08	45.8		UG/KG
8260B_SLDS	2BRCLMETHANE	25-Jun-08	2.4	24.2	UG/KG
8260B_SLDS	2_BUTANONE	25-Jun-08	36.3		UG/KG
8260B_SLDS	2_CLEVE	25-Jun-08	5.5	53.6	UG/KG
8260B_SLDS	3CHLOROETHENE	25-Jun-08	2.6	25.3	UG/KG
8260B_SLDS	3CLFLMETHANE	25-Jun-08	2.2	28	UG/KG
8260B_SLDS	4CHLOROETHENE	25-Jun-08	2.8	21.5	UG/KG
8260B_SLDS	ACETONE	25-Jun-08	31.4	185	UG/KG
8260B_SLDS	ACROLEIN	25-Jun-08	6.4	70.9	UG/KG
8260B_SLDS	ACRYLONITRILE	25-Jun-08	3.9	275	UG/KG
8260B_SLDS	ALLYLCHLORIDE	25-Jun-08	3.6	25	UG/KG
8260B_SLDS	BENZENE	25-Jun-08	2.1	26.5	UG/KG
8260B_SLDS	BENZYLCHLORIDE	25-Jun-08	4.3	38	UG/KG
8260B_SLDS	BR2CLMETHANE	25-Jun-08	2.2	17	UG/KG
8260B_SLDS	BROMOFORM	25-Jun-08	2.4	26.1	UG/KG
8260B_SLDS	BROMOMETHANE	25-Jun-08	6.9	29.2	UG/KG

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
8260B_SLDS	CCL4	25-Jun-08	3	15.6	UG/KG
8260B_SLDS	CHLOROBENZENE	25-Jun-08	1	31.1	UG/KG
8260B_SLDS	CHLOROETHANE	25-Jun-08	3.6	61	UG/KG
8260B_SLDS	CHLOROFORM	25-Jun-08	2.3	25.6	UG/KG
8260B_SLDS	CHLOROMETHANE	25-Jun-08	3.4	25.8	UG/KG
8260B_SLDS	CHLOROPRENE	25-Jun-08	3.1	17	UG/KG
8260B_SLDS	CS2	25-Jun-08	4.7	34	UG/KG
8260B_SLDS	C_13_2CLPROPENE	25-Jun-08	2.5	21.5	UG/KG
8260B_SLDS	ETHYLBENZENE	25-Jun-08	1.4	90.5	UG/KG
8260B_SLDS	ISOPROBENZENE	25-Jun-08	1.3	17	UG/KG
8260B_SLDS	METHYLENE_CL	25-Jun-08	3.5	62.5	UG/KG
8260B_SLDS	METHYLMETHACRYL	25-Jun-08	2.4	36	UG/KG
8260B_SLDS	METHYL_IODIDE	25-Jun-08	3.8	19	UG/KG
8260B_SLDS	MIBK	25-Jun-08	9.7	24	UG/KG
8260B_SLDS	MP_XYLENES	25-Jun-08	4.2	35	UG/KG
8260B_SLDS	MTBE	25-Jun-08	3.4	34	UG/KG
8260B_SLDS	ORTHO_XYLENE	25-Jun-08	1.9	23	UG/KG
8260B_SLDS	STYRENE	25-Jun-08	1.7	19	UG/KG
8260B_SLDS	TOLUENE	25-Jun-08	1.2	48	UG/KG
8260B_SLDS	T_12_2CLETHENE	25-Jun-08	3.5	24.9	UG/KG
8260B_SLDS	T_13_2CLPROPENE	25-Jun-08	2.1	17	UG/KG
8260B_SLDS	VINYL_CHLORIDE	25-Jun-08	4.8	26.2	UG/KG
8260B_WW	111_3CLETHANE	17-Mar-08	0.4	1	UG/L
8260B_WW	1122_4CLETHANE	17-Mar-08	0.5	1	UG/L
8260B_WW	112_3CLETHANE	17-Mar-08	0.5	1	UG/L
8260B_WW	11_2CLETHANE	17-Mar-08	0.4	1	UG/L
8260B_WW	11_2CLETHENE	17-Mar-08	0.4	1	UG/L
8260B_WW	124_3CLBENZENE	17-Mar-08	0.7	4.9	UG/L
8260B_WW	12_2BRETHANE	17-Mar-08	0.3	3.3	UG/L
8260B_WW	12_2CLBENZENE	17-Mar-08	0.4	1	UG/L
8260B_WW	12_2CLETHANE	17-Mar-08	0.5	1	UG/L
8260B_WW	12_2CLPROPANE	17-Mar-08	0.3	1	UG/L
8260B_WW	13_2CLBENZENE	17-Mar-08	0.5	1	UG/L
8260B_WW	14_2CLBENZENE	17-Mar-08	0.4	1	UG/L
8260B_WW	2-NITROPROPANE	17-Mar-08	12	10	UG/L
8260B_WW	2BRCLMETHANE	17-Mar-08	0.6	1	UG/L
8260B_WW	2_BUTANONE	17-Mar-08	6.3	4	UG/L
8260B_WW	2_CLEVE	17-Mar-08	1.1	1	UG/L
8260B_WW	3CHLOROETHENE	17-Mar-08	0.7	1	UG/L
8260B_WW	3CLFLMETHANE	17-Mar-08	0.3	1	UG/L
8260B_WW	4CHLOROETHENE	17-Mar-08	1.1	1	UG/L
8260B_WW	ACETONE	17-Mar-08	4.5	20	UG/L
8260B_WW	ACROLEIN	17-Mar-08	1.3	11.4	UG/L
8260B_WW	ACRYLONITRILE	17-Mar-08	0.7	13.8	UG/L
8260B_WW	ALLYLCHLORIDE	17-Mar-08	0.6	1	UG/L
8260B_WW	BENZENE	17-Mar-08	0.4	1	UG/L
8260B_WW	BENZYLCHLORIDE	17-Mar-08	1.1	7.2	UG/L
8260B_WW	BR2CLMETHANE	17-Mar-08	0.5	1	UG/L

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
8260B_WW	BROMOFORM	17-Mar-08	0.5	1	UG/L
8260B_WW	BROMOMETHANE	17-Mar-08	0.7	1	UG/L
8260B_WW	CCL4	17-Mar-08	0.4	1	UG/L
8260B_WW	CHLOROBENZENE	17-Mar-08	0.4	1	UG/L
8260B_WW	CHLOROETHANE	17-Mar-08	0.9	1	UG/L
8260B_WW	CHLOROFORM	17-Mar-08	0.2	1	UG/L
8260B_WW	CHLOROMETHANE	17-Mar-08	0.5	1	UG/L
8260B_WW	CHLOROPRENE	17-Mar-08	0.4	1.4	UG/L
8260B_WW	CS2	17-Mar-08	0.6	1	UG/L
8260B_WW	C_13_2CLPROPENE	17-Mar-08	0.3	1	UG/L
8260B_WW	ETHYLBENZENE	17-Mar-08	0.3	1	UG/L
8260B_WW	ISOPROBENZENE	17-Mar-08	0.3	4.4	UG/L
8260B_WW	METHYLENE_CL	17-Mar-08	0.3	1	UG/L
8260B_WW	METHYLMETHACRYL	17-Mar-08	0.8	4.6	UG/L
8260B_WW	METHYL_IODIDE	17-Mar-08	0.6	1	UG/L
8260B_WW	MIBK	17-Mar-08	1.3	6.1	UG/L
8260B_WW	MP_XYLENES	17-Mar-08	0.6	3.1	UG/L
8260B_WW	MTBE	17-Mar-08	0.4	1	UG/L
8260B_WW	ORTHO_XYLENE	17-Mar-08	0.4	3.4	UG/L
8260B_WW	STYRENE	17-Mar-08	0.3	4.7	UG/L
8260B_WW	TOLUENE	17-Mar-08	0.4	1	UG/L
8260B_WW	T_12_2CLETHENE	17-Mar-08	0.6	1	UG/L
8260B_WW	T_13_2CLPROPENE	17-Mar-08	0.5	1	UG/L
8260B_WW	VINYL_CHLORIDE	17-Mar-08	0.4	1	UG/L
BN_SED	1_METHPHENANTH	22-Jul-08	40	41	UG/KG
BN_SED	1_METHYLNAPHTH	22-Jul-08	40	70	UG/KG
BN_SED	235_3METHNAPHTH	22-Jul-08	40	134	UG/KG
BN_SED	26_2METHNAPHTH	22-Jul-08	40	106	UG/KG
BN_SED	2BENZO_AH_ANTH	22-Jul-08	50	32	UG/KG
BN_SED	2_METHYLNAPHTH	22-Jul-08	40	102	UG/KG
BN_SED	34_BENZ_B_FANTH	22-Jul-08	51	63	UG/KG
BN_SED	ACENAPHTHENE	22-Jul-08	40	11	UG/KG
BN_SED	ACENAPHTHYLENE	22-Jul-08	40	11	UG/KG
BN_SED	ANTHRACENE	22-Jul-08	40	14	UG/KG
BN_SED	BENZO_A_ANTH	22-Jul-08	40	34	UG/KG
BN_SED	BENZO_A_PYRENE	22-Jul-08	40	55	UG/KG
BN_SED	BENZO_E_PYRENE	22-Jul-08	73	57	UG/KG
BN_SED	BENZO_GHI_PERYL	22-Jul-08	66	56	UG/KG
BN_SED	BENZO_K_FANTH	22-Jul-08	70	82	UG/KG
BN_SED	BIPHENYL	22-Jul-08	40	89	UG/KG
BN_SED	CHRYSENE	22-Jul-08	40	36	UG/KG
BN_SED	FLUORANTHENE	22-Jul-08	40	24	UG/KG
BN_SED	FLUORENE	22-Jul-08	40	18	UG/KG
BN_SED	INDENO_CD_PYR	22-Jul-08	67	76	UG/KG
BN_SED	NAPHTHALENE	22-Jul-08	40	21	UG/KG
BN_SED	PERYLENE	22-Jul-08	40	58	UG/KG
BN_SED	PHENATHRN	22-Jul-08	40	32	UG/KG
BN_SED	PYRENE	22-Jul-08	40	35	UG/KG

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
BN_WW	124_3CLBENZENE	19-Mar-08	1.52	4.9	UG/L
BN_WW	12_2CLBENZENE	19-Mar-08	1.37		UG/L
BN_WW	12_2PHHYDRAZINE	19-Mar-08	1.37	2.49	UG/L
BN_WW	13_2CLBENZENE	19-Mar-08	1.02		UG/L
BN_WW	14_2CLBENZENE	19-Mar-08	1.32		UG/L
BN_WW	1_METHPHENANTH	19-Mar-08	1.46	6.29	UG/L
BN_WW	1_METHYLNAPHTH	19-Mar-08	2.18	2.18	UG/L
BN_WW	235_3METHNAPHTH	19-Mar-08	2.18	4.4	UG/L
BN_WW	24_2NITROTOLUEN	19-Mar-08	1.36	1.49	UG/L
BN_WW	26_2METHNAPHTH	19-Mar-08	2.16	3.31	UG/L
BN_WW	26_2NITROTOLUEN	19-Mar-08	1.53	1.93	UG/L
BN_WW	2BENZO_AH_ANTH	19-Mar-08	1.01	6.19	UG/L
BN_WW	2ETH_PHTHALATE	19-Mar-08	3.05	6.97	UG/L
BN_WW	2METH_PHTHALATE	19-Mar-08	1.44	3.26	UG/L
BN_WW	2N_BUTYL_PHTH	19-Mar-08	3.96	6.49	UG/L
BN_WW	2N_OCTYL_PHTH	19-Mar-08	1	8.59	UG/L
BN_WW	2_CLNAPHTHALENE	19-Mar-08	1.87	2.41	UG/L
BN_WW	2_METHYLNAPHTH	19-Mar-08	2.14	2.25	UG/L
BN_WW	33_2CLBENZIDINE	10-Jun-08	2.44	2.44	UG/L
BN_WW	34_BENZ_B_FANTH	19-Mar-08	1.35	6.63	UG/L
BN_WW	4_BPPE	19-Mar-08	1.4	4.04	UG/L
BN_WW	4_CPPE	19-Mar-08	1.57	3.62	UG/L
BN_WW	6CHLOROETHANE	19-Mar-08	1.32	3.55	UG/L
BN_WW	6CLBENZENE	19-Mar-08	1.48	4.8	UG/L
BN_WW	6CLBUTADIENE	19-Mar-08	1.64	2.87	UG/L
BN_WW	6CLCYCL5DIENE	19-Mar-08	1.25		UG/L
BN_WW	ACENAPHTHENE	19-Mar-08	1.8	2.2	UG/L
BN_WW	ACENAPHTHYLENE	19-Mar-08	1.77	2.02	UG/L
BN_WW	ANTHRACENE	19-Mar-08	1.29	4.04	UG/L
BN_WW	B2CL_ISOPROPETH	19-Mar-08	1.16	8.95	UG/L
BN_WW	B2_ETHXPHTHALAT	19-Mar-08	8.96	10.43	UG/L
BN_WW	BENZIDINE	10-Jun-08	1.52	1.52	UG/L
BN_WW	BENZO_A_ANTH	19-Mar-08	1.1	7.68	UG/L
BN_WW	BENZO_A_PYRENE	19-Mar-08	1.25	6.53	UG/L
BN_WW	BENZO_E_PYRENE	19-Mar-08	1.44	7.67	UG/L
BN_WW	BENZO_GHI_PERYL	19-Mar-08	1.09	6.5	UG/L
BN_WW	BENZO_K_FANTH	19-Mar-08	1.49	7.36	UG/L
BN_WW	BIPHENYL	19-Mar-08	2.29	2.43	UG/L
BN_WW	BIS_2_CLETHOXME	19-Mar-08	1.01	1.57	UG/L
BN_WW	BIS_2_CLETH_ETH	19-Mar-08	1.38	2.62	UG/L
BN_WW	BUTBENZYL_PHTH	19-Mar-08	2.84	4.77	UG/L
BN_WW	CHRYSENE	19-Mar-08	1.16	7.49	UG/L
BN_WW	FLUORANTHENE	19-Mar-08	1.33	6.9	UG/L
BN_WW	FLUORENE	19-Mar-08	1.61	2.43	UG/L
BN_WW	INDENO_CD_PYR	19-Mar-08	1.14	6.27	UG/L
BN_WW	ISOPHORONE	19-Mar-08	1.53	1.93	UG/L
BN_WW	NAPHTHALENE	19-Mar-08	1.65	1.52	UG/L
BN_WW	NITROBENZENE	19-Mar-08	1.6	1.52	UG/L

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
BN_WW	N_NIT_2METHAMIN	19-Mar-08	1.27	2.01	UG/L
BN_WW	N_NIT_2PHENAMIN	19-Mar-08	3.48	2.96	UG/L
BN_WW	N_NIT_NPROPAMIN	19-Mar-08	1.16	1.63	UG/L
BN_WW	PERYLENE	19-Mar-08	1.41	6.61	UG/L
BN_WW	PHENATHRN	19-Mar-08	1.34	4.15	UG/L
BN_WW	PYRENE	19-Mar-08	1.43	5.19	UG/L
BN_WW	PYRIDINE	19-Mar-08	3.33		UG/L
METS_ICP2_SED	ALUMINUM	1-Jan-08	2	1.2	MG/KG
METS_ICP2_SED	ANTIMONY	1-Jan-08	0.3	0.13	MG/KG
METS_ICP2_SED	BARIUM	1-Jan-08	0.02	0.0018	MG/KG
METS_ICP2_SED	BERYLLIUM	1-Jan-08	0.01	0.0012	MG/KG
METS_ICP2_SED	BORON	1-Jan-08	0.3		MG/KG
METS_ICP2_SED	CADMIUM	1-Jan-08	0.06	0.01	MG/KG
METS_ICP2_SED	CHROMIUM	1-Jan-08	0.1	0.016	MG/KG
METS_ICP2_SED	COBALT	1-Jan-08	0.08		MG/KG
METS_ICP2_SED	COPPER	1-Jan-08	0.2	0.028	MG/KG
METS_ICP2_SED	IRON	1-Jan-08	9	0.76	MG/KG
METS_ICP2_SED	LEAD	1-Jan-08	0.8	0.142	MG/KG
METS_ICP2_SED	MANGANESE	1-Jan-08	0.08	0.0037	MG/KG
METS_ICP2_SED	MOLYBDENUM	1-Jan-08	0.07		MG/KG
METS_ICP2_SED	NICKEL	1-Jan-08	0.1	0.036	MG/KG
METS_ICP2_SED	SILVER	1-Jan-08	0.04	0.0013	MG/KG
METS_ICP2_SED	THALLIUM	1-Jan-08	0.5	0.22	MG/KG
METS_ICP2_SED	TIN	1-Jan-08	0.3	0.059	MG/KG
METS_ICP2_SED	VANADIUM	1-Jan-08	0.08		MG/KG
METS_ICP2_SED	ZINC	1-Jan-08	0.2	0.052	MG/KG
METS_ICP2_SLDG	ALUMINUM	22-Jul-08	4	1.32	MG/KG
METS_ICP2_SLDG	ANTIMONY	22-Jul-08	0.5	0.45	MG/KG
METS_ICP2_SLDG	BARIUM	22-Jul-08	0.05	0.0063	MG/KG
METS_ICP2_SLDG	BERYLLIUM	22-Jul-08	0.02	0.0039	MG/KG
METS_ICP2_SLDG	BORON	22-Jul-08	0.7	0.27	MG/KG
METS_ICP2_SLDG	CADMIUM	22-Jul-08	0.1	0.018	MG/KG
METS_ICP2_SLDG	CHROMIUM	22-Jul-08	0.3	0.083	MG/KG
METS_ICP2_SLDG	COBALT	22-Jul-08	0.2	0.083	MG/KG
METS_ICP2_SLDG	COPPER	22-Jul-08	0.4	0.055	MG/KG
METS_ICP2_SLDG	IRON	22-Jul-08	20	2	MG/KG
METS_ICP2_SLDG	LEAD	22-Jul-08	2	0.6	MG/KG
METS_ICP2_SLDG	MANGANESE	22-Jul-08	0.2	0.012	MG/KG
METS_ICP2_SLDG	MOLYBDENUM	22-Jul-08	0.1	0.14	MG/KG
METS_ICP2_SLDG	NICKEL	22-Jul-08	0.3	0.063	MG/KG
METS_ICP2_SLDG	SILVER	22-Jul-08	0.07	0.06	MG/KG
METS_ICP2_SLDG	THALLIUM	22-Jul-08	1	0.77	MG/KG
METS_ICP2_SLDG	TIN	22-Jul-08	0.5		MG/KG
METS_ICP2_SLDG	VANADIUM	22-Jul-08	0.2	0.064	MG/KG
METS_ICP2_SLDG	ZINC	22-Jul-08	8	3	MG/KG
METS_ICP2_TIS	ALUMINUM	4-Nov-08	3	0.58	MG/KG
METS_ICP2_TIS	ANTIMONY	4-Nov-08	0.2	0.48	MG/KG
METS_ICP2_TIS	ARSENIC	4-Nov-08	0.24	0.38	MG/KG

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
METS_ICP2_TIS	BARIUM	4-Nov-08	0.03		MG/KG
METS_ICP2_TIS	BERYLLIUM	4-Nov-08	0.006	0.003	MG/KG
METS_ICP2_TIS	CADMIUM	4-Nov-08	0.06	0.29	MG/KG
METS_ICP2_TIS	CHROMIUM	4-Nov-08	0.1	0.08	MG/KG
METS_ICP2_TIS	COPPER	4-Nov-08	0.1	0.68	MG/KG
METS_ICP2_TIS	IRON	4-Nov-08	2	0.96	MG/KG
METS_ICP2_TIS	LEAD	4-Nov-08	0.2	0.3	MG/KG
METS_ICP2_TIS	MANGANESE	4-Nov-08	0.1	0.0071	MG/KG
METS_ICP2_TIS	NICKEL	4-Nov-08	0.2	0.94	MG/KG
METS_ICP2_TIS	SILVER	4-Nov-08	0.05	0.57	MG/KG
METS_ICP2_TIS	THALLIUM	4-Nov-08	0.4	0.85	MG/KG
METS_ICP2_TIS	TIN	4-Nov-08	0.2	0.24	MG/KG
METS_ICP2_TIS	ZINC	4-Nov-08	0.15	0.49	MG/KG
PHENOLS_WW	245_3CLPHENOL	26-Mar-08	1.66	1.66	UG/L
PHENOLS_WW	246_3CLPHENOL	26-Mar-08	1.65	1.75	UG/L
PHENOLS_WW	24_2CLPHENOL	26-Mar-08	1.01	1.95	UG/L
PHENOLS_WW	24_2METHPHENOL	26-Mar-08	2.01	1.32	UG/L
PHENOLS_WW	24_2NITROPHENOL	26-Mar-08	2.16	6.07	UG/L
PHENOLS_WW	2ME_46_2NPHENOL	26-Mar-08	1.52	4.29	UG/L
PHENOLS_WW	2_CHLOROPHENOL	26-Mar-08	1.32	1.76	UG/L
PHENOLS_WW	2_METHYLPHENOL	26-Mar-08	2.15	1.51	UG/L
PHENOLS_WW	2_NITROPHENOL	26-Mar-08	1.55	1.88	UG/L
PHENOLS_WW	4_CL_3_MPHENOL	26-Mar-08	1.67	1.34	UG/L
PHENOLS_WW	4_METHYLPHENOL	26-Mar-08	2.11	4.22	UG/L
PHENOLS_WW	4_NITROPHENOL	26-Mar-08	1.14	3.17	UG/L
PHENOLS_WW	5CHLOROPHENOL	26-Mar-08	1.12	5.87	UG/L
PHENOLS_WW	PHENOL	26-Mar-08	1.76	2.53	UG/L
TPH_D	DIESEL	4-Aug-08	50	13.1	UG/L

B. Report of Operator Certification

Report of Operator Certification

The following list includes all Wastewater Treatment Plant Operators working for the Metropolitan Wastewater Department and their California State certification status as of **January 2009**.

Operator Certifications:

The following lists all Wastewater Treatment Plant Operators working for the Operating Units of the Metropolitan Wastewater Department and their California State certification status as of January 2009. Name, Certification Grade, Certification Number, and expiration date are shown for each operator. The listing is by facility and classification.

Point Loma Wastewater Treatment Plant			
Name	Grade	Cert. No.	Expiration Date
<u>Point Loma Wastewater Treatment Plant Superintendent:</u>			
Shankles, K.C.	V	06975	06/30/2009
<u>Sr. Operations Supervisor:</u>			
Cooper, Kip	V	09401	12/31/2009
<u>Operation Supervisors:</u>			
Frank, Arlene	V	5922	12/31/2010
Sanchez, Cesar	V	70083	6/30/2009
Gardiner, Teresa	III	10657	12/31/2009
Leibenguth, Robert	III	6777	12/31/2009
<u>Operators:</u>			
Nguyen, Thanh	III	6637	6/30/2009
Howard, Brandon	III	28024	6/30/2010
Dornfeld, Michael	II	07678	12/31/2010
Gutierrez, Marlene	II	9636	6/30/2009
Palestini, Anthony	II	8521	12/31/2009
Pizarro, Emiliano	II	9863	6/30/2010
Reynolds, Benjamin	II	6638	12/31/2009
Wade, Brian	II	9141	12/31/2010
Williams Jr., Hayvert	II	27959	12/31/2010
Alexander, Jennifer	II	28010	6/30/2009
Duresseau, Gabriel	II	28294	6/30/2010
Avila, Juan	II	28383	12/31/2010
Miclat, Edgardo	II	28439	12/31/2010
Feliciano, Romeo	I	28436	12/31/2010
<u>Process Control:</u>			
Nunez, Carlos	III	7626	6/30/2010

Report of Operator Certification

The following list includes all Wastewater Treatment Plant Operators working for the Metropolitan Wastewater Department at the Metro Bio-solids Center and their California State certification status **as of January 2009**. Name, Certification Grade, Certification Number, and expiration date are shown for each operator.

Metro Bio-solids Center (MBC)			
<u>Name</u>	<u>Grade</u>	<u>Cert. No.</u>	<u>Expiration Date</u>
<u>MBC Superintendent:</u>			
Barry Ayers	V	09346	06-30-2010
<u>Sr. Operations Supervisor:</u>			
Richard Pitchford	V	9851	06-30-2009
<u>Operation Supervisors:</u>			
Claude Lovelace	III	3952	06-30-2009
David Huntamer	V	8686	12-31-2009
Ralph Dugdale	III	5936	06-30-2009
Shannon McKiernan	III	7465	12-31-2009
Javier Zavala	III	9635	06-30-2009
<u>Operators:</u>			
Barry Carlton	II	10178	12-31-2009
Gabriel Duresseau	II	28294	06-30-2010
Maria LeSire	II	5445	06-30-2009
Sal Lopez	II	8476	06-30-2009
Robert Roderick	III	6169	12-31-2009
George Wendorf	II	9774	12-31-2009
Dedric Evans	II	10196	06-30-2010
Bill Shannon	III	10371	12-31-2010
Chris Culver	II	4403	12-31-2009
James Johnson	OIT		12-31-2010

C. Status of the Operations and Maintenance Manual

Point Loma WWTP:

There is an approved O&M Manual for the PLWWTP. Plant staff continues to review and update the Manual and Standard Operating Procedures (SOP's) as necessary to keep current with changes in equipment, processes, and standards of practice. New procedures are included as needs are identified. For example, PLWWTP Staff, in conjunction with the Safety Staff, have developed and established a standard Lock-Out/Tag-Out Program to serve all MWWWD Facilities.

Plant Personnel continue the ISO certification and operate the PLWTP facility under the guidelines of the Environmental Management System established under our ISO 14001 program. This program has helped to organize and consolidate facility SOP's, and has been effective in enhancing plant personnel's awareness of industrial and environmental issues as they relate to the work place.