

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 2009. 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 2009. 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	2CL2FLMETHANE	27-Mar-09	5.56		UG/KG
8260B_WW	2CL2FLMETHANE	27-Mar-09	0.66		UG/L
BN_SED	1_METHPHENANTH	13-Jul-09	20	40	UG/KG
BN_SED	1_METHYLNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	235_3METHNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	26_2METHNAPHTH	13-Jul-09	20	40	UG/KG
BN_SED	2BENZO_AH_ANTH	13-Jul-09	20	50	UG/KG
BN_SED	2_METHYLNAPHTH	13-Jul-09	20	51	UG/KG
BN_SED	34_BENZ_B_FANTH	13-Jul-09	20	51	UG/KG
BN_SED	ACENAPHTHENE	13-Jul-09	20	40	UG/KG
BN_SED	ACENAPHTYLENE	13-Jul-09	30	40	UG/KG
BN_SED	ANTHRACENE	13-Jul-09	20	40	UG/KG
BN_SED	BENZO_A_ANTH	13-Jul-09	20	40	UG/KG
BN_SED	BENZO_A_PYRENE	13-Jul-09	20	40	UG/KG
BN_SED	BENZO_E_PYRENE	13-Jul-09	20	73	UG/KG
BN_SED	BENZO_GHI_PERYL	13-Jul-09	20	66	UG/KG
BN_SED	BENZO_K_FANTH	13-Jul-09	20	70	UG/KG
BN_SED	BIPHENYL	13-Jul-09	30	40	UG/KG
BN_SED	CHRYSENE	13-Jul-09	40	40	UG/KG
BN_SED	FLUORANTHENE	13-Jul-09	20	40	UG/KG
BN_SED	FLUORENE	13-Jul-09	20	40	UG/KG
BN_SED	INDENO_CD_PYR	13-Jul-09	20	67	UG/KG
BN_SED	NAPHTHALENE	13-Jul-09	30	40	UG/KG
BN_SED	PERYLENE	13-Jul-09	30	40	UG/KG
BN_SED	PHENATHRN	13-Jul-09	30	40	UG/KG
BN_SED	PYRENE	13-Jul-09	20	40	UG/KG
METS_ICP2_DIS	ALUMINUM_DIS	3-Sep-09	100	47	UG/L

ANALYSIS CODE	ANALYTE NAME	Effective Date	MDL		UNITS
			Current	Previous	
METS_ICP2_DIS	ANTIMONY_DIS	3-Sep-09	6	2.9	UG/L
METS_ICP2_DIS	BARIUM_DIS	3-Sep-09	0.45	0.39	UG/L
METS_ICP2_DIS	BERYLLIUM_DIS	3-Sep-09	0.045	0.022	UG/L
METS_ICP2_DIS	BORON_DIS	3-Sep-09	3.5	1.7	UG/L
METS_ICP2_DIS	CADMIUM_DIS	3-Sep-09	1	0.53	UG/L
METS_ICP2_DIS	CHROMIUM_DIS	3-Sep-09	2.5	1.2	UG/L
METS_ICP2_DIS	COBALT_DIS	3-Sep-09	2	0.85	UG/L
METS_ICP2_DIS	COPPER_DIS	3-Sep-09	1	0.63	UG/L
METS_ICP2_DIS	IRON_DIS	3-Sep-09	70	37	UG/L
METS_ICP2_DIS	LEAD_DIS	3-Sep-09	4	2	UG/L
METS_ICP2_DIS	MANGANESE_DIS	3-Sep-09	0.4	0.24	UG/L
METS_ICP2_DIS	MOLYBDENUM_DIS	3-Sep-09	2	0.89	UG/L
METS_ICP2_DIS	NICKEL_DIS	3-Sep-09	1.5	0.53	UG/L
METS_ICP2_DIS	SILVER_DIS	3-Sep-09	0.8	0.4	UG/L
METS_ICP2_DIS	THALLIUM_DIS	3-Sep-09	8	3.9	UG/L
METS_ICP2_DIS	TIN_DIS	3-Sep-09	4	1.5	UG/L
METS_ICP2_DIS	VANADIUM_DIS	3-Sep-09	1.3	0.64	UG/L
METS_ICP2_DIS	ZINC_DIS	3-Sep-09	3	0.41	UG/L
METS_ICP2_SED	ZINC	1-Jul-09	0.25	0.2	MG/KG
METS_ICP2_SLDG	ZINC	1-Jul-09	0.5	8	MG/KG
METS_ICP2_WET	ZINC_DIS	1-Jul-09	0.5	0.005	MG/L
METS_ICP2_WW	BORON	1-Jul-09	7	1.7	UG/L
METS_ICP2_WW	COPPER	1-Jul-09	2	0.63	UG/L
METS_ICP2_WW	ZINC	1-Jul-09	2.5	0.41	UG/L

B. Report of Operator Certification

Report of Operator Certification

The following list includes all Wastewater Treatment Plant Operators working at the Point Loma Wastewater Treatment Plant and their California State certification status **as of January 2010**. Name, Certification Grade, Certification Number, and expiration date are shown for each operator.

Point Loma Wastewater Treatment Plant			
Name	Grade	Cert. No.	Expiration Date
<u>Point Loma Wastewater Treatment Plant Superintendent:</u>			
Shankles, K.C.	V	06975	06/30/2011
<u>Sr. Operations Supervisor:</u>			
Vacant			
<u>Operation Supervisors:</u>			
Sanchez, Cesar	V	70083	6/30/2011
Frank, Arlene	V	5922	12/31/2010
Gardiner, Teresa	III	10657	12/31/2011
Salonga, Leonardo	III	27923	12/31/2011
Alexander, Jennifer	III	28010	6/30/2011
<u>Operators:</u>			
Gutierrez, Marlene	II	9636	6/30/2011
Palestini, Anthony	II	8521	12/31/2011
Pizarro, Emiliano	II	9863	6/30/2010
Reynolds, Benjamin	II	6638	12/31/2011
Wade, Brian	II	9141	12/31/2010
Avila, Juan	II	28383	12/31/2010
Feliciano, Romeo	II	28436	6/30/2011
Kaiser, Laura	OIT		6/30/2011
Malibago, Nester	OIT		6/30/2011
Mohler, Victor	OIT		6/30/2011
Sanchez, Ruben	OIT		6/30/2011
Tomas, Mathew	OIT		6/30/2011
<u>Process Control:</u>			
Nunez, Carlos	III	7626	6/30/2010
Dornfield, Michael	II	07678	12/31/2010

Report of Operator Certification

The following list includes all Wastewater Treatment Plant Operators working at the Metro Bio-solids Center and their California State certification status **as of January 2010**. Name, Certification Grade, Certification Number, and expiration date are shown for each operator.

Metro Bio-solids Center (MBC)			
Name	Grade	Cert. No.	Expiration Date
<u>MBC Superintendent:</u>			
Barry Ayers	V	09346	06-30-2010
<u>Sr. Operations Supervisor:</u>			
Richard Pitchford	V	9851	06-30-2011
<u>Operation Supervisors:</u>			
Claude Lovelace	III	3952	06-30-2011
David Huntamer	V	8686	12-31-2011
Ralph Dugdale	III	5936	06-30-2011
Shannon McKiernan	III	7465	12-31-2011
Javier Zavala	III	9635	06-30-2011
Bill Shannon	III	10371	12-31-2010
<u>Operators:</u>			
Barry Carlton	II	10178	12-31-2011
Gabriel Duresseau	II	28294	06-30-2010
Sal Lopez	II	8476	06-30-2011
Robert Roderick	III	6169	12-31-2011
George Wendorf	II	9774	12-31-2011
Dedric Evans	II	10196	06-30-2010
Chris Culver	II	4403	12-31-2011
Hayvert Williams	III	27959	12-31-2011
Brandon Howard	III	28024	06-30-2010
James Johnson	OIT		12-31-2010
John Carroll	OIT		06-30-2011

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.