

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 2011. 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 2011. 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	CURRENT MDL	PREVIOUS MDL	UNITS
DIOXINS_WW	1234678_HPCDD	1-May-2011	0.497	50	PG/L
DIOXINS_WW	1234678_HPCDF	1-May-2011	0.324	50	PG/L
DIOXINS_WW	OCDF	1-May-2011	0.805		PG/L
DIOXINS_WW	OCDD	1-May-2011	1.41	100	PG/L
DIOXINS_WW	2378_TCDF	1-May-2011	0.209	10	PG/L
DIOXINS_WW	2378_TCDD	1-May-2011	0.215	10	PG/L
DIOXINS_WW	23478_PECDF	1-May-2011	0.243	50	PG/L
DIOXINS_WW	234678_HXCDF	1-May-2011	0.262	50	PG/L
DIOXINS_WW	1234789_HPCDF	1-May-2011	0.49	50	PG/L
DIOXINS_WW	123478_HXCDD	1-May-2011	0.326	50	PG/L
DIOXINS_WW	123478_HXCDF	1-May-2011	0.255	50	PG/L
DIOXINS_WW	123678_HXCDD	1-May-2011	0.424	50	PG/L
DIOXINS_WW	123678_HXCDF	1-May-2011	0.248	50	PG/L
DIOXINS_WW	123789_HXCDD	1-May-2011	0.367	50	PG/L
DIOXINS_WW	123789_HXCDF	1-May-2011	0.258	50	PG/L
DIOXINS_WW	12378_PECDD	1-May-2011	0.317	*	PG/L
DIOXINS_WW	12378_PECDF	1-May-2011	0.235	50	PG/L
METS_CVAA_SLDG	MERCURY	1-Nov-2011	0.2	0.4	MG/KG
METS_ICP2_TIS	COPPER	1-Nov-2011	0.3	0.1	MG/KG
METS_TDAA_SED	MERCURY	1-Jul-2011	0.004	*	MG/KG
METS_TDAA_TIS	MERCURY	21-Jun-2011	0.002	*	MG/KG
PHOS_TOT_WW	PO4_TOT	25-Aug-2011	0.11	0.088	MG/L
SULF_TOT_T_SLDG	SULFIDE_TOT	15-Oct-2011	500	2170	MG/KG
SULF_TOT_T_WW	SULFIDE_TOT	15-Oct-2011	0.4	0.18	MG/L

\* No previous MDL on new analysis

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 December 2011**, Name, Certification Grade, Certification Number, and expiration date are shown for each operator.

<b>Point Loma Wastewater Treatment Plant</b>			
Name	Grade	Cert. No.	Expiration Date
<u>Point Loma Wastewater Treatment Plant Superintendent:</u>			
Shankles, K.C.	V	6975	06/30/2013
<u>Sr. Operations Supervisor:</u>			
Huntamer, David	V	8686	12/31/2013
<u>Operation Supervisors:</u>			
Sanchez, Cesar	V	10083	06/30/2013
Avila, Juan	III	28383	12/31/2013
Marlow, David	V	10216	12/32/2012
Salonga, Leonardo	III	27923	12/31/2013
Evans, Dedric	III	10196	06/30/2012
<u>Operators:</u>			
Gutierrez, Marlene	II	9636	06/30/2013
Palestini, Anthony	II	8521	12/31/2013
Pizarro, Emiliano	II	9863	06/30/2012
Wade, Brian	II	9141	12/31/2012
Alpas, Gilbert	III	6314	12/31/2013
Feliciano, Romeo	III	28436	06/30/2013
Kaiser, Laura	II	28842	06/30/2012
Malibago, Nester	II	28898	06/30/2012
Mohler, Victor	II	28869	06/30/2012
Griffiths, Eric	III	28975	12/31/2013
Tomas, Mathew	II	29004	06/30/2013
Rogers, Larry	II	10121	12/31/2013
<u>Process Control:</u>			
Nunez, Carlos	III	7626	06/30/2012
Dornfield, Michael	II	7678	12/31/2012

## Report of Operator Certification

The following list includes all Wastewater Treatment Plant Operators working for the Metropolitan Wastewater Department at the Metro Biosolids Center and their California State certification status **as of December 2011**, Name, Certification Grade, Certification Number, and expiration date are shown for each operator.

<b>Metro Bio-solids Center (MBC)</b>			
<u>Name</u>	<u>Grade</u>	<u>Cert. No.</u>	<u>Expiration Date</u>
<u>MBC Superintendent:</u>			
Ayers, Barry	V	9346	06/30/2012
<u>Sr. Operations Supervisor:</u>			
Pitchford, Richard	V	9851	06/30/2013
<u>Operation Supervisors:</u>			
Dugdale, Ralph	III	5936	06/30/2013
Howard, Brandon	V	28024	12/31/2012
Lovelace, Claude	III	3952	06/30/2013
McKiernan, Shannon	III	7465	12/31/2013
Zavala, Javier	III	9635	06/30/2013
<u>Operators:</u>			
Calton, Barry	III	10178	12/31/2012
Carrol, John	III	28867	06/30/2012
Culver, Chris	II	4403	12/31/2013
Johnson, James	II	29021	06/30/2013
Lopez, Sal	II	8476	06/30/2013
Neptune, Eric	II	28839	06/30/2012
Reth, Sony	II	29023	06/30/2013
Reynolds, Benjamin	II	6638	12/31/2013
Wendorf, George	II	9774	12/31/2013
Williams, Hayvert	III	27959	12/31/2013

## 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 MWWD 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.

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