

VIII. Other Required Information.

- A. Notes on Specific Analysis
- B. Report of Operator Certification.

A. Notes on Specific Analyses:

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 2007. 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, the changes in the MDLs that occurred in 2007. All MDLs were performed following CFR136.3. This year most MDL studies utilized clean matrix, i.e. Deionized Water or clean sand.

ANALYSIS CODE	ANALYTE CODE	Effective Date	MDL		UNITS
			Current	Previous	
605	3,3-dichlorobenzidine	22-Jan-07	2.44		UG/L
605	Benzidine	22-Jan-07	1.52		UG/L
608	Aldrin	10-Apr-07	7	60	NG/L
608	Alpha (cis) Chlordane	10-Apr-07	3	30	NG/L
608	Alpha Endosulfan	10-Apr-07	4	30	NG/L
608	BHC, Alpha isomer	10-Apr-07	7	20	NG/L
608	BHC, Beta isomer	10-Apr-07	3	20	NG/L
608	BHC, Delta isomer	10-Apr-07	3	20	NG/L
608	BHC, Gamma isomer	10-Apr-07	5	10	NG/L
608	Beta Endosulfan	10-Apr-07	2	20	NG/L
608	Cis Nonachlor	10-Apr-07	3	20	NG/L
608	Dieldrin	10-Apr-07	3	50	NG/L
608	Endosulfan Sulfate	10-Apr-07	6	20	NG/L
608	Endrin	10-Apr-07	2	50	NG/L
608	Endrin aldehyde	10-Apr-07	9	20	NG/L
608	Gamma (trans) Chlordane	10-Apr-07	4	80	NG/L
608	Heptachlor	10-Apr-07	8	20	NG/L
608	Heptachlor epoxide	10-Apr-07	4	20	NG/L
608	Methoxychlor	10-Apr-07	10	60	NG/L
608	Mirex	10-Apr-07	10	20	NG/L
608	Oxychlordane	10-Apr-07	6	20	NG/L
605	3,3-dichlorobenzidine	22-Jan-07	2.44		UG/L
605	Benzidine	22-Jan-07	1.52		UG/L
608	Aldrin	10-Apr-07	7	60	NG/L

ANALYSIS CODE	ANALYTE CODE	Effective Date	MDL		UNITS
			Current	Previous	
608	PCB 1232	10-Apr-07	360	4000	NG/L
608	PCB 1262	10-Apr-07	930	2000	NG/L
608	Toxaphene	10-Apr-07	330	4000	NG/L
608	Trans Nonachlor	10-Apr-07	5	4000	NG/L
608	o,p-DDD	10-Apr-07	4	20	NG/L
608	o,p-DDE	10-Apr-07	5	100	NG/L
608	o,p-DDT	10-Apr-07	3	20	NG/L
608	p,p-DDD	10-Apr-07	3	20	NG/L
608	p,p-DDE	10-Apr-07	4	20	NG/L
608	p,p-DDT	10-Apr-07	8	50	NG/L
8280A	1,2,3,4,6,7,8-hepta CDD	20-Mar-07	137	500	PG/L
8280A	1,2,3,4,6,7,8-hepta CDF	20-Mar-07	90	500	PG/L
8280A	1,2,3,4,7,8,9-hepta CDF	20-Mar-07	166	500	PG/L
8280A	1,2,3,4,7,8-hexa CDF	20-Mar-07	147	500	PG/L
8280A	1,2,3,4,7,8_hexa_CDD	20-Mar-07	113	500	PG/L
8280A	1,2,3,6,7,8-hexa CDD	20-Mar-07	98	500	PG/L
8280A	1,2,3,6,7,8-hexa CDF	20-Mar-07	107	500	PG/L
8280A	1,2,3,7,8,9-hexa CDD	20-Mar-07	111	500	PG/L
8280A	1,2,3,7,8,9-hexa CDF	20-Mar-07	152	500	PG/L
8280A	1,2,3,7,8-penta CDD	20-Mar-07	123	500	PG/L
8280A	1,2,3,7,8-penta CDF	20-Mar-07	140	500	PG/L
8280A	1,3,6,8-tetra CDF	20-Mar-07	115		PG/L
8280A	2,3,4,6,7,8-hexa CDF	20-Mar-07	148	500	PG/L
8280A	2,3,4,7,8-penta CDF	20-Mar-07	118	500	PG/L
8280A	2,3,7,8-tetra CDD	20-Mar-07	125	500	PG/L
8280A	2,3,7,8-tetra CDF	20-Mar-07	115	250	PG/L
8280A	octa CDD	20-Mar-07	247	1000	PG/L
8280A	octa CDF	20-Mar-07	222	1000	PG/L
8280A_SLDS	1,2,3,4,6,7,8-hepta CDD	20-Mar-07	7.6		NG/KG
8280A_SLDS	1,2,3,4,6,7,8-hepta CDF	20-Mar-07	10.2		NG/KG
8280A_SLDS	1,2,3,4,7,8,9-hepta CDF	20-Mar-07	16.2	4.9	NG/KG
8280A_SLDS	1,2,3,4,7,8-hexa CDF	20-Mar-07	12.4	2.5	NG/KG
8280A_SLDS	1,2,3,4,7,8_hexa_CDD	20-Mar-07	24.4	2.9	NG/KG
8280A_SLDS	1,2,3,6,7,8-hexa CDD	20-Mar-07	21.7		NG/KG
8280A_SLDS	1,2,3,6,7,8-hexa CDF	20-Mar-07	10.8	2.4	NG/KG
8280A_SLDS	1,2,3,7,8,9-hexa CDD	20-Mar-07	11.8	6.6	NG/KG
8280A_SLDS	1,2,3,7,8,9-hexa CDF	20-Mar-07	9.6	2.9	NG/KG
8280A_SLDS	1,2,3,7,8-penta CDD	20-Mar-07	18.8	23	NG/KG
8280A_SLDS	1,2,3,7,8-penta CDF	20-Mar-07	11	2	NG/KG
8280A_SLDS	1,3,6,8-tetra CDF	20-Mar-07	9.9		NG/KG
8280A_SLDS	2,3,4,6,7,8-hexa CDF	20-Mar-07	8.1	2.6	NG/KG
8280A_SLDS	2,3,4,7,8-penta CDF	20-Mar-07	10.3	2	NG/KG
8280A_SLDS	2,3,7,8-tetra CDD	20-Mar-07	7.8	1.2	NG/KG

ANALYSIS CODE	ANALYTE CODE	Effective Date	MDL		UNITS
			Current	Previous	
ALKALINITY_WW	Total Alkalinity (bicarbonate)	10-Apr-07	20	1.5	MG/L
BOD_WW	BOD (Biochemical Oxygen Demand)	10-Apr-07	2	2	MG/L
BOD_WW	BOD (Carbonaceous)	10-Apr-07	2	2	MG/L
BOD_WW	BOD (Soluble)	10-Apr-07	2	2	MG/L
BOD_WW	BOD (Soluble/Carbonaceous)	10-Apr-07	2	2	MG/L
CHLORINE	Chlorine Residual, Total	3-May-07	0.03	0.11	MG/L
COD_WW	COD (Soluble)	10-Apr-07	18	22	MG/L
COD_WW	Chemical Oxygen Demand	10-Apr-07	18	22	MG/L
COND_WW	Conductivity	3-May-07	10	10	UMHOS/CM
FLOATABLES	Floatables	3-May-07	1.4	0.1	MG/L
HARDNESS_TIT	Total Hardness by EDTA Titration	3-May-07	1		MG/L
HARD_CALC_WW	Calcium Hardness	1-Jan-07	0.1	0.2	MG/L
HARD_CALC_WW	Magnesium Hardness	1-Jan-07	0.4	0.08	MG/L
HARD_CALC_WW	Total Hardness	1-Jan-07	0.4	0.22	MG/L
HERBICIDE_DSLDG	2,4,5-TP (Silvex)	5-Feb-07	2.87	6.33	MG/KG
HERBICIDE_DSLDG	2,4-dichlorophenoxyacetic acid	5-Feb-07	2.66	6.84	MG/KG
MBAS	MBAS (Surfactants)	10-Apr-07	0.03	0.03	MG/L
NH3_N_TIT_WW	Ammonia-N	10-Apr-07	0.3	0.2	MG/L
NO2_NO3_N_WW	Nitrite/Nitrate as N	10-Apr-07	0.1	0.04	MG/L
NO2_N_WW	Nitrite (as N)	3-May-07	0.005		MG/L
PAH_FISH_LIV	1-methylnaphthalene	20-Mar-07	27.9		UG/KG
PAH_FISH_LIV	1-methylphenanthrene	20-Mar-07	17.4		UG/KG
PAH_FISH_LIV	2,3,5-trimethylnaphthalene	20-Mar-07	21.7		UG/KG
PAH_FISH_LIV	2,6-dimethylnaphthalene	20-Mar-07	21.7		UG/KG
PAH_FISH_LIV	2-methylnaphthalene	20-Mar-07	35.8		UG/KG
PAH_FISH_LIV	3,4-benzo(B)fluoranthene	20-Mar-07	30.2		UG/KG
PAH_FISH_LIV	Acenaphthene	20-Mar-07	28.9		UG/KG
PAH_FISH_LIV	Acenaphthylene	20-Mar-07	24.7		UG/KG
PAH_FISH_LIV	Anthracene	20-Mar-07	25.3		UG/KG
PAH_FISH_LIV	Benzo[A]anthracene	20-Mar-07	47.3		UG/KG
PAH_FISH_LIV	Benzo[A]pyrene	20-Mar-07	42.9		UG/KG
PAH_FISH_LIV	Benzo[G,H,I]perylene	20-Mar-07	27.2		UG/KG
PAH_FISH_LIV	Benzo[K]fluoranthene	20-Mar-07	32		UG/KG
PAH_FISH_LIV	Benzo[e]pyrene	20-Mar-07	41.8		UG/KG
PAH_FISH_LIV	Biphenyl	20-Mar-07	38		UG/KG
PAH_FISH_LIV	Chrysene	20-Mar-07	18.1		UG/KG
PAH_FISH_LIV	Dibenzo(A,H)anthracene	20-Mar-07	37.6		UG/KG
PAH_FISH_LIV	Fluoranthene	20-Mar-07	19.9		UG/KG
PAH_FISH_LIV	Fluorene	20-Mar-07	27.3		UG/KG
PAH_FISH_LIV	Indeno(1,2,3-CD)pyrene	20-Mar-07	25.6		UG/KG
PAH_FISH_LIV	Naphthalene	20-Mar-07	34.2		UG/KG
PAH_FISH_LIV	Perylene	20-Mar-07	18.5		UG/KG

ANALYSIS CODE	ANALYTE CODE	Effective Date	MDL		UNITS
			Current	Previous	
PAH_FISH_LIV	Phenanthrene	20-Mar-07	11.6		UG/KG
PAH_FISH_LIV	Pyrene	20-Mar-07	9.1		UG/KG
PAH_FISH_MUS	1-methylnaphthalene	20-Mar-07	26.4		UG/KG
PAH_FISH_MUS	1-methylphenanthrene	20-Mar-07	23.3		UG/KG
PAH_FISH_MUS	2,3,5-trimethylnaphthalene	20-Mar-07	21.6		UG/KG
PAH_FISH_MUS	2,6-dimethylnaphthalene	20-Mar-07	19.5		UG/KG
PAH_FISH_MUS	2-methylnaphthalene	20-Mar-07	13.2		UG/KG
PAH_FISH_MUS	3,4-benzo(B)fluoranthene	20-Mar-07	26.8		UG/KG
PAH_FISH_MUS	Acenaphthene	20-Mar-07	11.3		UG/KG
PAH_FISH_MUS	Acenaphthylene	20-Mar-07	9.1		UG/KG
PAH_FISH_MUS	Anthracene	20-Mar-07	8.4		UG/KG
PAH_FISH_MUS	Benzo[A]anthracene	20-Mar-07	15.9		UG/KG
PAH_FISH_MUS	Benzo[A]pyrene	20-Mar-07	18.3		UG/KG
PAH_FISH_MUS	Benzo[G,H,I]perylene	20-Mar-07	59.5		UG/KG
PAH_FISH_MUS	Benzo[K]fluoranthene	20-Mar-07	37.3		UG/KG
PAH_FISH_MUS	Benzo[e]pyrene	20-Mar-07	40.6		UG/KG
PAH_FISH_MUS	Biphenyl	20-Mar-07	19.9		UG/KG
PAH_FISH_MUS	Chrysene	20-Mar-07	23		UG/KG
PAH_FISH_MUS	Dibenzo(A,H)anthracene	20-Mar-07	40.3		UG/KG
PAH_FISH_MUS	Fluoranthene	20-Mar-07	12.9		UG/KG
PAH_FISH_MUS	Fluorene	20-Mar-07	11.4		UG/KG
PAH_FISH_MUS	Indeno(1,2,3-CD)pyrene	20-Mar-07	46.5		UG/KG
PAH_FISH_MUS	Naphthalene	20-Mar-07	17.4		UG/KG
PAH_FISH_MUS	Perylene	20-Mar-07	50.9		UG/KG
PAH_FISH_MUS	Phenanthrene	20-Mar-07	12.9		UG/KG
PAH_FISH_MUS	Pyrene	20-Mar-07	16.6		UG/KG
PHOS_ORTHO_WW	Ortho Phosphate as P	10-Apr-07	0.03	0.2	MG/L
TDS_WW	Total Dissolved Solids	3-May-07	28	42	MG/L
TPH_G	TPH as Gasoline	1-Feb-07	4.63		UG/L
TS/VS_WW	Total Solids	10-Apr-07	10	100	MG/L
TSS/VSS	Total Suspended Solids	10-Apr-07	1.4	1.6	MG/L

B. Report of Operator Certification.

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 May 2008. Name, Classification, Certification Grade, Certification Number, and expiration date are shown for each operator.

South Bay Wastewater Reclamation Plant

First Name	Last Name	Classification	Grade	Number	Expiration Date
Michael	Roe	Superintendent	V	6290	06/30/08
Ernesto	Molas	Senior Wastewater Ops Supv	V	7227	12/31/09
Linda	Ruiz-Lopez	Wastewater Ops Supv. - PC	III	5660	12/31/09
John	Quigley	Wastewater Ops Supv.	IV	7837	12/31/08
Doyle	Shankles	Wastewater Ops Supv.	III	7232	06/30/08
Al	Johnson	Wastewater Operator	III	9638	06/30/08
Douglas	Evans	Wastewater Operator	II	9844	06/30/08
Carol	Brassfield	Wastewater Operator	II	9383	12/31/09
Romeo	Millan	Wastewater Operator	II	9846	06/30/08