

**Table 1. BENEFICIAL USE ASSESSMENT OF BIOSOLIDS AT HYPERION TREATMENT PLANT**

Sampling Date	pH	%TS	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Molybdenum (Mo)	Lead (Pb)	Mercury (Hg)	Nickel (Ni)	Selenium (Se)	Zinc (Zn)
	mg/kg dry weight											
Dec-09	8.0	28.1	5.91	13.3	78.6	1,020	19.2	34.6	1.61	37.4	8.65	1,190
Nov-09	8.4	28.9	7.27	7.27	91.3	1,090	21.5	36.3	1.27	45.7	18.7	1,310
Oct-09	8.3	29.1	5.81	8.49	72.5	1,090	22.0	31.3	1.70	46.4	8.52	1,260
Sep-09	8.1	29.5	10.7	7.39	76.6	1,060	22.4	34.9	1.86	36.9	7.69	1,270
Aug-09	8.4	28.5	9.44	6.63	69.1	1,030	22.5	34.0	1.43	40.7	8.74	1,210
Jul-09	8.5	28.8	4.10	11.0	58.3	1,010	18.1	22.6	1.59	37.2	7.99	1,120
Jun-09	8.3	29.3	6.96	8.60	62.1	1,020	17.4	32.0	1.62	38.2	9.52	1,190
May-09	8.3	28.8	7.15	8.44	56.6	913	14.6	29.8	1.81	37.2	9.86	1,090
Apr-09	8.5	28.1	4.48	8.08	61.2	772	14.6	26.3	1.69	38.8	17.3	1,040
Mar-09	8.1	26.6	7.03	7.29	65.8	786	13.9	33.0	1.47	44.7	8.27	1,080
Feb-09	8.4	30.0	3.60	11.1	69.7	773	14.0	30.3	1.68	40.3	7.07	1,030
Jan-09	8.3	27.0	3.30	10.6	58.9	778	14.1	27.1	1.43	33.3	5.56	970
<b>Average</b>	8.3	28.6	6.31	9.02	68.4	945	17.8	31.0	1.60	39.7	9.82	1,150
<b>Maximum</b>	8.5	30.0	10.7	13.3	91.3	1,090	22.5	36.3	1.86	46.4	18.7	1,310
<b>Minimum</b>	8.0	26.6	3.30	6.63	56.6	772	13.9	22.6	1.27	33.3	5.56	970
<b>Ceiling Conc.*</b>			75	85	***	4300	75	840	57	420	100	7500
<b>Pollutant Conc.**</b>			41	39	***	1500	***	300	17	420	100	2800

Generated by TJUMA at 01/07/2010 06:42:46 AM using the Production Database and WISARD V2.C

WISARD - Biosolids Management - HTP TIWRP Biosolids

\* Ceiling concentration in Table 1 of EPA Part 503 Sludge Regulation.

\*\* Pollutant concentration in Table 3 of EPA Part 503 Sludge Regulation

\*\*\* Limit was deleted according to Federal Register Vol. 60, No. 206 of Oct. 25, 1995

**Table 3. BENEFICIAL USE ASSESSMENT OF BIOSOLIDS AT TERMINAL ISLAND WATER RECLAMATION PLANT**

Sampling Date	pH	%TS	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Molybdenum (Mo)	Lead (Pb)	Mercury (Hg)	Nickel (Ni)	Selenium (Se)	Zinc (Zn)
	mg/kg dry weight											
Dec-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nov-09	8.0	25.4	10.2	3.54	39.4	344	50.8	27.6	1.54	35.4	88.6	1,130
Oct-09	8.3	27.6	8.48	6.52	34.4	346	29.3	27.1	1.55	35.5	69.2	909
Sep-09	7.8	24.5	15.3	3.35	33.5	344	32.7	30.2	1.67	32.2	69.4	1,040
Aug-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Jul-09	7.6	26.2	6.68	8.02	25.2	315	24.4	20.0	1.56	31.7	69.1	954
Jun-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
May-09	7.9	27.5	17.1	2.44	29.8	271	23.6	29.8	1.29	37.1	67.3	927
Apr-09	8.5	29.4	9.49	2.52	27.9	279	24.8	31.2	1.18	31.0	86.7	912
Mar-09	8.1	28.0	14.2	2.18	30.4	301	26.4	27.1	1.19	32.9	79.3	1,010
Feb-09	8.3	27.0	8.15	7.33	28.5	274	25.2	28.6	1.75	32.6	74.8	978
Jan-09	8.2	26.5	8.08	7.32	29.1	251	25.3	27.8	1.29	33.2	68.7	943
<b>Average</b>	8.1	26.9	10.9	4.80	30.9	303	29.2	27.7	1.45	33.5	74.8	979
<b>Maximum</b>	8.5	29.4	17.1	8.02	39.4	346	50.8	31.2	1.75	37.1	88.6	1,130
<b>Minimum</b>	7.6	24.5	6.68	2.18	25.2	251	23.6	20.0	1.18	31.0	67.3	909
<b>Ceiling Conc.*</b>			75	85	***	4300	75	840	57	420	100	7500
<b>Pollutant Conc.**</b>			41	39	***	1500	****	300	17	420	100	2800

Generated by TJUMA at 01/07/2010 06:42:46 AM using the Production Database and WISARD V2.0

WISARD - Biosolids Management - HTP TIWRP Biosolids

\* Ceiling concentration in Table 1 of EPA Part 503 Sludge Regulation.

\*\* Pollutant concentration in Table 3 of EPA Part 503 Sludge Regulation

\*\*\* Limit was deleted according to Federal Register Vol. 60, No. 206 of Oct. 25, 1995