

**City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Activated Sludge Plant Report**

March 2007

Date	Raw Sewage	Activate Sludge Plant Effluent 24 Hour Composite Sample					ASP Effluent Grab Sample		Groundwater Pumped	Raw & Groundwater
	Daily Flow	TSS	cBOD5	Ammonia	Total Phosphorus	Total Nitrogen	Raw Flow @ Grab Time	E.Coli	Daily Flow	Total Daily Flow
	ML	(mg/L)	(mg/L)	(mg/L-N)	(mg/L-P)	(mg/L-N)	ML	MPN/100 mL	ML*	ML
1-Mar-07	23.2	88	22	28	4.6	36	30.0	35,000	6.41	29.6
2-Mar-07	23.7								6.89	30.6
3-Mar-07	24.4								7.52	31.9
4-Mar-07	25.5	162	27	27	6.0	41			6.41	31.9
5-Mar-07	23.5	43	23						5.75	29.3
6-Mar-07	22.9	38	14	27	3.9	35	28.8	16,000	6.46	29.4
7-Mar-07	23.0	14	9				29.5	160,000	7.00	30.0
8-Mar-07	23.1	11	9	30	2.1	34	31.4	35,000	6.67	29.7
9-Mar-07	23.3								6.18	29.5
10-Mar-07	25.7								6.67	32.3
11-Mar-07	26.5	13	9	28	4.0	32			6.67	33.2
12-Mar-07	29.2	12	8						6.44	35.6
13-Mar-07	32.7	8	7	21	2.5	26	35.6	350,000	6.27	39.0
14-Mar-07	25.9	10	6				33.6	350,000	7.16	33.1
15-Mar-07	24.2	11	10	27	4.8	30	29.7	54,000	6.44	30.6
16-Mar-07	24.2								6.09	30.3
17-Mar-07	25.6								7.09	32.7
18-Mar-07	28.1	8	10	26	4.2	41			6.27	34.3
19-Mar-07	26.5	7	7						7.52	34.0
20-Mar-07	26.8	7	9	25	3.4	25	31.2	16,000	5.83	32.6
21-Mar-07	34.1	10	8				33.9	160,000	5.82	39.9
22-Mar-07	28.6	7	5	22	3.8	24	34.0	5,400	6.04	34.6
23-Mar-07	32.9								6.04	38.9
24-Mar-07	39.3								6.18	45.5
25-Mar-07	44.8	17	13	14	2.9	22			6.01	50.8
26-Mar-07	54.4	24	14						5.70	60.1
27-Mar-07	48.3	12	12	13	2.6	19	38.8	240,000	5.56	53.8
28-Mar-07	49.8	25	21				42.4	160,000	5.52	55.3
29-Mar-07	68.2	29	17	8	1.9	14	66.9	920,000	5.70	73.9
30-Mar-07	53.8								5.61	59.4
31-Mar-07	54.6								5.73	60.4
Max:	68.2						66.9			
Min:	22.9						22.9			
Average:	32.8	26	12	23	3.6	29	35.8		6.31	39.1
Geo.Mean:								83,850		

Notes: (1)* Daily flows are calculated from calibrated meter readings..