

City of Winnipeg
Water and Waste Department
West End Water Pollution Control Centre Activated Sludge Plant Report
February, 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-Feb-07	22.8	60	22	31	5.8	39	28.5	350,000	2.01	24.8
2-Feb-07	23.1								2.61	25.7
3-Feb-07	23.9								2.66	26.6
4-Feb-07	24.9	90	34	30	7.2	41			2.11	27.0
5-Feb-07	23.4	30	24						2.20	25.6
6-Feb-07	22.9	19	16	28	3.6	33	29.2	240	2.82	25.7
7-Feb-07	22.9	29	15				12.6	240,000	2.88	25.8
8-Feb-07	23.0	25	13	29	3.2	29	29.1	350,000	3.08	26.1
9-Feb-07	22.9								2.98	25.9
10-Feb-07	24.3								2.50	26.8
11-Feb-07	25.0	177	35	30	8.8	45			2.50	27.5
12-Feb-07	23.4	68	33						2.50	25.9
13-Feb-07	22.5	90	33	30	5.6	40	28.5	540,000	2.70	25.2
14-Feb-07	22.6	76	34				31.5	1,600,000	2.45	25.1
15-Feb-07	22.1	118	37	31	6.5	42	29.6	920,000	3.21	25.3
16-Feb-07	23.0								2.36	25.4
17-Feb-07	24.0								5.47	29.5
18-Feb-07	24.8	152	>36	28	7.7	43			5.11	29.9
19-Feb-07	23.6	72	34						3.82	27.4
20-Feb-07	22.6	158	35	25	6.4	42	30.8	350,000	5.70	28.3
21-Feb-07	22.5	184	>37				28.2	35,000	5.43	27.9
22-Feb-07	22.6	168	33	29	5.8	38	29.0	160,000	7.74	30.3
23-Feb-07	22.8								7.07	29.9
24-Feb-07	24.0								7.07	31.1
25-Feb-07	24.7	108	29	30	6.4	39			6.84	31.5
26-Feb-07	23.6	26	23						6.89	30.5
27-Feb-07	22.8	71	22	28	5.2	33	35.6	54,000	6.67	29.5
28-Feb-07	23.0	82	30				33.0		6.41	29.4
Max:	25.0						25.0			
Min:	22.1						12.6			
Average:	23.3	90	28	29	6.0	39	28.8		4.1	27.5
Geo.Mean:								145,000		

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