

**Vale Inco
Levack Wells**

February 13, 2009

Re: Levack Potable Waterworks Annual Summary Report for 2008

Overview of the Levack Potable Water System

The Levack Potable Water System gets its water from three wells situated in the Town of Levack on High Street. These wells draw water from an underground aquifer. The wells are situated in the aquifer composed of sand and gravel laid down in a bedrock trough approximately 1500 feet wide and a depth of 112 feet. The #1 and #2 wells were installed in 1952 and are 68 and 71 feet deep respectively. The #3 well was installed in 1957 and is 74 feet deep. Artificial recharging of the aquifer through the use of recharge pits began in 1969 and continues. Artificial recharging of the aquifer is a means of increasing the amount and rate of natural infiltration through the use of water filled recharge pits approximately seven feet deep. Water for these pits is drawn from the Onaping River. The raw water drawn from the wells is treated at the #3 Pumphouse. Treatment consists of adding sodium hexametaphosphate, which is used for iron and manganese sequestering. Sodium hydroxide is then added to raise the pH and sodium hypochlorite is added for chlorination in order to meet the Ontario Drinking Water Standards. Our licensed operators ensure clean safe drinking water is then delivered to Vale Inco and Xstrata Mines and to the City of Greater Sudbury, which operates a distribution system that supplies the Town of Levack. These wells are able to supply 2.1 million gallons of treated water per day to the Mines and Municipality. Once water has been treated it is routinely tested to ensure its quality and safety before it is pumped through miles of water mains to your faucets.

This Summary Report was prepared by:



Jack Larche
Coleman Mine Utilities Supervisor

CC:

Kelly Strong, Vale Inco Coleman Mines Manager

Nick Benkovich, City Of Greater Sudbury

The attached documentation fulfills the requirements of the Annual Summary Report.

COMPLIANCE WITH THE REQUIREMENTS OF:

Safe Drinking Water Act, 2002 – O.Reg.170/03 Schedule 22 (Summary Reports for Municipalities)

Section 22-2 (1).

The owner of a drinking water system shall ensure that, not later than March 31 of each year after 2003, a report is prepared in accordance with subsections (2) and (3) for the preceding calendar year and is given to,

- (a) in the case of a drinking-water system owned by a municipality, the members of the municipal council;
- (b) in the case of a drinking-water system owned by a municipal service board established under section 195 of the Municipal Act 2001, the members of the municipal service board; or
- (c) in the case of a drinking-water system owned by a corporation, the board of directors of the corporation.

Response:

The Vale Inco Levack Wells 2008 Summary Report will be submitted to the Vale Inco West Mines Manager on or before March 31 2008.

Section 22-2 subsection (2) (a) and (b).

(2) The report must,

- (a) list the requirements of the Act, the regulation, the system’s approval and any order that the system failed to meet at any time during the period covered by the report and specify the duration of the failure; and
- (b) for each failure referred to in clause (a), describe the measures that were taken to correct the failure.

Response:

During the period of January 1 2008 up to and including December 31 2008, Vale Inco Levack Potable Water Wells System had **8** non-compliance events.

Date	<u>Date Notified</u>	<u>Date Reported</u> <u>AWQI Notification</u> <u>No.</u>	Location	Adverse Indicator	<u>Actions Taken</u>	Comments
April 22,08	April 22, 08 10:50 am	April 23, 2008 12:01 pm AWQI #79044	Vale Inco Levack well system	Turbidity levels > 1.0 NTU	Continuous monitoring conducted.	Vipond Fire Protection flushing lines at the Levack sewage plant hydrant location. Pressure and flow fluctuations created the Turbidity spikes to the analyzer located across the road from the hydrant.
May 3, 08	May 3, 08 5:10 am	May 3, 08 6:30 am AWQI #79220	Vale Inco Levack well system	Turbidity levels > 1.0 NTU	Continuous monitoring and flushing conducted.	Main water line break at # 3 pumphouse. Shut down and drained the system for repairs. Dirt movement in line when re-initiating the system along with flow and pressure changes caused the turbidity spikes.
July 21, 08	July 21, 08 9:08 am	July 21, 08 9:08 am AWQI #81324	Vale Inco Levack well system	Turbidity levels > 1.0 NTU	Continuous monitoring and flushing conducted.	The City of Greater Sudbury were conducting a flushing campaign near the turbidity analyzer location causing and back and forth flow in the main distribution line.
Aug.13, 08	Aug.13, 08 9:30 pm	Aug.13, 08 3:31 pm AWQI #82695	Vale Inco Levack well system	Turbidity levels > 1.0 NTU	Continuous monitoring and flushing conducted.	The City of Greater Sudbury fire dept. were conducting a fire drills and flushing the hydrant near the turbidity analyzer location causing and back and forth flow in the main

						distribution line
Sept. 30, 08	Sept. 30, 08 2:54 pm	Sept 30, 08 5:17 pm AWQI #84298	Vale Inco Levack well system	Turbidity levels > 1.0 NTU	Continuous monitoring and flushing conducted.	The City of Greater Sudbury were filling water trucks at the hydrant nearest the analyzer. They were using 2.5" hoses creating a back and forth flow in the distribution system.
Oct. 25,26 08	Oct. 25, 08 9:40am 4:25pm Oct. 27,08 10:35am	Oct. 25, 08 9:40am AWQI #84981 4:25pm AWQI #84984 Oct. 26, 08 3:16pm AWQI# 84998	Vale Inco Levack well system	Turbidity levels > 1.0 NTU	Continuous monitoring and flushing conducted.	FNX Mining had an airline cross connected to the water line creating a disturbance in the water system. The analyzer picked it up the air bubbles. The line was disconnected and capped.

Section 22-2 subsection (3)

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows and daily instantaneous peak flow rates.

Response:

The following charts represent the Instantaneous, daily, monthly and the annual flow rates for the Levack Wells. See flow rates highlighted in blue.

		#3 phse	Onaping	# 3 Phse	Moose Cr	Moose Cr	Moose Cr	Analyzer	Water	PO4
	Hardness	Flow	Flow	Free Cl ₂	Free Cl ₂	Total Cl ₂		Turbidity	Temp.	Daily
Date	mg/L	US Gals	US Gals	mg/L	mg/L	mg/L	pH	NTU	Deg. C.	ppm
08-01-01	40	467,000	1,304,545	2.20	1.14	1.20	7.0	0.10	5.2	0.76
08-01-02	40	467,000	1,304,545	2.20	1.14	1.20	7.0	0.10	5.2	0.76
08-01-03	40	600,000	1,419,006	2.20	1.14	1.28	7.0	0.09	5.4	1.11
08-01-04	40	598,000	1,078,366	2.20	1.25	1.37	7.0	0.10	5.5	0.83
08-01-05	38	609,000	1,323,456	2.20	1.21	1.32	7.0	0.10	5.5	0.79
08-01-06	38	609,000	1,323,456	2.20	1.17	1.28	7.0	0.09	5.4	0.75
08-01-07	38	609,000	1,323,456	2.20	1.13	1.24	7.0	0.08	5.4	0.72
08-01-08	40	531,000	1,229,321	2.20	0.98	1.02	6.9	0.10	5.4	0.84
08-01-09	38	612,000	1,269,097	2.20	1.02	1.09	7.0	0.11	5.3	0.86
08-01-10	40	596,000	1,347,694	2.20	0.94	1.02	7.0	0.10	5.3	1.22
08-01-11	38	657,000	1,307,325	2.20	1.02	1.14	7.0	0.09	5.7	1.22
08-01-12	40	618,000	1,772,116	2.20	1.01	1.13	7.0	0.10	5.5	1.13
08-01-13	40	618,000	1,772,116	2.20	1.00	1.13	7.0	0.10	5.3	1.04
08-01-14	40	618,000	1,772,116	2.20	0.99	1.12	7.0	0.11	5.1	0.95
08-01-15	42	515,000	1,259,793	2.20	0.98	1.15	7.0	0.10	5.1	1.37
08-01-16	40	748,000	1,175,837	2.20	1.15	1.27	7.0	0.09	5.3	0.91
08-01-17	41	561,000	877,403	2.20	1.06	1.22	7.0	0.08	5.7	0.77
08-01-18	42	617,000	1,228,488	2.20	0.94	1.04	7.0	0.09	5.0	0.92
08-01-19	42	588,000	1,298,993	2.20	0.98	1.11	7.0	0.09	4.8	1.05
08-01-20	42	588,000	1,298,993	2.20	1.02	1.18	7.0	0.09	4.7	1.20
08-01-21	42	588,000	1,298,993	2.20	1.06	1.24	7.0	0.09	4.6	1.32
08-01-22	42	777,000	1,477,480	2.20	1.19	1.25	7.0	0.09	5.0	1.25
08-01-23	42	528,000	1,046,445	2.20	1.10	1.13	6.8	0.08	3.9	0.79
08-01-24	41	635,000	1,218,128	2.20	1.07	1.10	6.9	0.09	3.6	0.64
08-01-25	42	650,000	1,378,078	2.20	1.11	1.13	6.8	0.09	3.8	1.59
08-01-26	42	662,000	1,332,018	2.20	1.10	1.16	6.8	0.08	3.8	1.62
08-01-27	42	662,000	1,332,018	2.20	1.09	1.19	6.8	0.08	3.8	1.64
08-01-28	42	662,000	1,332,018	2.20	1.07	1.22	6.8	0.08	3.8	1.66
08-01-29	42	666,000	1,098,804	2.20	1.09	1.11	6.8	0.09	3.8	1.23
08-01-30	44	616,000	1,333,753	2.20	1.22	1.32	6.8	0.09	4.0	0.57
08-01-31	44	713,000	1,353,967	2.20	1.14	1.24	6.8	0.09	4.0	1.34
08-02-01	44	683,000	1,199,140	2.20	1.11	1.34	6.9	0.11	3.8	1.60
08-02-02	42	671,000	1,297,623	2.20	1.05	1.29	6.9	0.10	3.8	1.51
08-02-03	42	671,000	1,297,623	2.20	1.01	1.25	6.8	0.10	3.8	1.42
08-02-04	42	671,000	1,297,623	2.20	0.94	1.21	6.8	0.09	3.8	1.33
08-02-05	44	718,000	1,175,711	2.20	1.12	1.24	6.9	0.07	3.9	0.77
08-02-06	44	750,000	1,337,695	2.20	1.16	1.21	6.9	0.09	3.8	0.89
08-02-07	46	781,000	1,330,499	2.20	1.07	1.18	6.9	0.08	4.0	0.49
08-02-08	46	729,000	1,411,908	2.20	1.13	1.28	6.9	0.10	3.9	0.67
08-02-09	44	737,000	1,287,748	2.20	1.12	1.23	6.9	0.10	3.9	0.85

08-02-10	44	737,000	1,287,748	2.20	1.10	1.16	6.9	0.10	3.8	1.00
08-02-11	44	737,000	1,287,748	2.20	1.08	1.11	6.9	0.10	3.8	1.18
08-02-12	44	791,000	1,049,524	2.20	1.02	1.09	6.9	0.10	3.6	1.45
08-02-13	42	620,000	1,306,229	2.20	0.98	1.05	6.9	0.09	4.0	1.00
08-02-14	46	811,000	1,243,247	2.20	0.99	1.05	6.9	0.09	4.0	0.88
08-02-15	46	539,000	1,361,337	2.20	1.04	1.27	6.9	0.10	4.0	1.08
08-02-16	48	678,000	1,242,577	2.20	1.02	1.11	6.9	0.09	4.0	1.69
08-02-17	47	693,000	1,329,255	2.20	1.06	1.13	6.9	0.09	4.0	1.47
08-02-18	47	693,000	1,329,255	2.20	1.10	1.15	6.9	0.09	4.1	1.27
08-02-19	46	693,000	1,329,255	2.20	1.14	1.18	6.9	0.09	4.1	1.07
08-02-20	48	671,000	1,251,596	2.20	1.01	1.13	6.9	0.09	4.0	1.38
08-02-21	48	800,000	1,084,037	2.20	1.11	1.11	6.8	0.09	3.9	0.59
08-02-22	46	805,000	1,416,113	2.20	1.16	1.26	6.8	0.11	4.0	1.30
08-02-23	44	744,000	1,331,207	2.20	1.11	1.19	6.8	0.10	3.8	1.05
08-02-24	44	744,000	1,331,207	2.20	1.06	1.14	6.8	0.09	3.6	0.80
08-02-25	44	744,000	1,331,207	2.20	1.01	1.09	6.8	0.08	3.5	0.55
08-02-26	47	771,000	1,192,646	2.20	0.93	1.12	6.8	0.10	3.5	1.29
08-02-27	44	795,000	1,418,253	2.20	0.93	0.96	6.9	0.10	3.6	1.57
08-02-28	48	691,000	1,136,539	2.20	1.03	1.28	7.0	0.08	3.4	1.00
08-02-29	46	749,000	1,354,118	2.20	1.10	1.26	6.9	0.09	3.5	1.14
08-03-01	46	752,000	1,282,299	2.20	1.17	1.18	6.9	0.10	3.5	1.29
08-03-02	46	752,000	1,282,299	2.20	1.27	1.12	6.9	0.11	3.5	1.44
08-03-03	46	752,000	1,282,299	2.20	1.07	1.32	6.9	0.12	3.5	1.67
08-03-04	46	1,004,000	1,436,069	2.20	1.07	1.23	6.9	0.10	3.5	0.48
08-03-05	48	716,000	1,343,633	2.20	1.01	1.15	6.9	0.10	3.5	0.85
08-03-06	48	690,000	1,061,983	2.20	1.01	1.17	6.9	0.08	3.4	1.09
08-03-07	48	698,000	1,354,574	2.20	1.05	1.15	6.9	0.08	3.5	1.15
08-03-08	48	656,000	1,307,315	2.20	1.02	1.12	6.9	0.09	3.6	1.08
08-03-09	46	656,000	1,307,315	2.20	1.00	1.10	6.9	0.09	3.6	1.01
08-03-10	46	656,000	1,307,315	2.20	0.97	1.07	6.9	0.10	3.7	0.95
08-03-11	48	680,000	1,220,208	2.20	1.24	1.27	6.9	0.08	3.8	1.09
08-03-12	46	637,000	1,537,071	2.20	1.16	1.26	6.9	0.07	3.7	0.57
08-03-13	46	627,000	1,192,599	2.20	1.23	1.40	6.9	0.08	3.7	0.83
08-03-14	46	805,000	1,426,492	2.20	1.19	1.37	7.0	0.10	3.7	0.38
08-03-15	42	653,000	1,310,182	2.20	1.16	1.34	7.0	0.10	3.7	0.68
08-03-16	42	653,000	1,310,182	2.20	1.14	1.31	6.9	0.10	3.7	0.98
08-03-17	42	653,000	1,310,182	2.20	1.12	1.28	6.9	0.10	3.7	1.27
08-03-18	44	845,000	1,279,852	2.20	1.14	1.31	6.9	0.08	3.7	0.57
08-03-19	46	681,000	1,309,260	2.20	1.09	1.23	6.9	0.09	3.6	1.14
08-03-20	44	722,000	1,286,757	2.20	1.03	1.28	6.9	0.09	3.6	0.38
08-03-21	44	737,000	1,301,897	2.20	1.04	1.23	6.9	0.08	3.6	0.56
08-03-22	45	737,000	1,301,897	2.20	1.04	1.19	6.9	0.08	3.6	0.71
08-03-23	46	737,000	1,301,897	2.20	1.05	1.17	6.9	0.08	3.6	0.90
08-03-24	46	668,000	1,361,919	2.20	0.95	1.15	7.0	0.09	3.5	0.67
08-03-25	42	746,000	1,139,219	2.20	1.13	1.26	7.0	0.09	3.4	0.60
08-03-26	42	753,000	1,387,470	2.20	0.94	1.23	7.0	0.07	3.4	1.04
08-03-27	46	709,000	1,173,179	2.20	1.04	1.22	7.0	0.09	3.4	0.34
08-03-28	46	726,000	1,413,601	2.20	1.13	1.23	6.9	0.08	3.3	0.28
08-03-29	44	695,000	1,344,558	2.20	1.12	1.25	7.0	0.10	3.3	0.38

08-03-30	44	695,000	1,344,558	2.20	1.10	1.25	7.0	0.11	3.3	0.49
08-03-31	44	695,000	1,344,558	2.20	1.08	1.25	7.0	0.12	3.3	0.59
08-04-01	42	820,000	1,408,708	2.20	0.97	1.08	7.0	0.10	3.4	0.35
08-04-02	42	680,000	1,352,758	2.20	1.08	1.22	7.0	0.09	3.3	0.33
08-04-03	42	706,000	1,247,301	2.20	1.00	1.06	7.0	0.08	3.3	0.24
08-04-04	42	742,000	1,211,437	2.20	1.01	1.22	7.1	0.08	3.4	1.32
08-04-05	40	669,000	1,351,260	2.20	1.03	1.22	7.0	0.09	3.4	1.30
08-04-06	40	669,000	1,351,260	2.20	1.03	1.22	6.9	0.09	3.5	1.27
08-04-07	40	669,000	1,351,260	2.20	1.03	1.22	6.9	0.10	3.5	1.24
08-04-08	40	683,000	1,220,257	2.20	1.02	1.17	6.9	0.08	3.4	1.06
08-04-09	40	628,000	1,402,631	2.20	1.10	1.23	6.9	0.10	3.3	1.13
08-04-10	40	780,000	1,032,568	2.20	0.95	1.21	6.9	0.10	3.3	0.64
08-04-11	40	704,000	907,558	2.20	1.10	1.15	6.9	0.08	3.4	0.36
08-04-12	39	637,000	1,080,865	2.20	1.08	1.15	7.0	0.09	3.4	0.50
08-04-13	39	637,000	1,080,865	2.20	1.07	1.15	7.0	0.10	3.3	0.63
08-04-14	39	637,000	1,080,865	2.20	1.05	1.15	7.0	0.12	3.3	0.77
08-04-15	40	791,000	968,910	2.20	1.00	1.08	7.0	0.08	3.0	0.88
08-04-16	39	620,000	992,710	2.20	1.02	1.24	7.0	0.08	3.1	0.62
08-04-17	39	620,000	992,710	2.20	1.02	1.24	7.0	0.08	3.1	0.62
08-04-18	40	762,000	1,161,769	2.20	1.06	1.21	7.0	0.09	3.0	1.26
08-04-19	44	611,000	1,095,972	2.20	1.05	1.17	7.0	0.12	3.1	1.28
08-04-20	44	611,000	1,095,972	2.20	1.04	1.14	7.0	0.14	3.3	1.30
08-04-21	44	611,000	1,095,972	2.20	1.03	1.11	7.0	0.17	3.4	1.32
08-04-22	42	786,000	1,033,167	2.20	1.01	1.15	7.0	0.16	2.8	0.40
08-04-23	40	661,000	1,205,449	2.20	0.89	1.14	7.0	0.16	3.1	0.69
08-04-24	38	701,000	1,135,772	2.20	0.93	1.06	7.0	0.18	3.2	0.31
08-04-25	38	781,000	1,307,799	2.20	1.04	1.12	7.0	0.21	3.2	0.61
08-04-26	36	613,000	1,316,714	2.20	1.03	1.14	7.0	0.22	3.4	0.79
08-04-27	36	613,000	1,316,714	2.20	1.03	1.16	7.1	0.22	3.6	0.97
08-04-28	36	613,000	1,316,714	2.20	1.02	1.19	7.1	0.23	3.8	1.14
08-04-29	36	814,000	1,239,797	2.20	1.25	1.35	7.0	0.24	3.8	1.12
08-04-30	36	661,000	1,285,211	2.20	1.29	1.40	7.0	0.23	3.8	0.97
08-05-01	38	701,000	1,248,815	2.20	1.06	1.35	7.0	0.21	3.8	1.21
08-05-02	40	487,000	1,208,761	2.20	1.41	1.48	7.0	0.21	4.1	0.98
08-05-03	42	884,000	1,360,445	2.20	1.31	1.40	7.0	0.21	4.1	1.05
08-05-04	42	884,000	1,360,445	2.20	1.20	1.32	6.9	0.20	4.0	1.13
08-05-05	42	884,000	1,360,445	2.20	1.09	1.25	6.9	0.20	4.0	1.22
08-05-06	41	833,000	1,107,883	2.20	1.10	1.23	6.9	0.18	4.7	1.12
08-05-07	38	551,000	1,315,458	2.20	0.83	1.00	7.0	0.18	4.7	1.04
08-05-08	38	691,000	1,175,902	2.20	1.09	1.26	7.0	0.16	4.8	2.09
08-05-09	40	803,000	1,500,908	2.20	1.00	1.25	6.9	0.15	5.0	0.61
08-05-10	38	621,000	1,312,653	2.20	0.99	1.23	6.9	0.15	5.2	0.86
08-05-11	38	621,000	1,312,653	2.20	0.98	1.21	6.9	0.14	5.4	1.04
08-05-12	38	621,000	1,312,653	2.20	0.97	1.20	6.9	0.14	5.5	1.31
08-05-13	40	709,000	1,201,612	2.20	0.95	1.15	6.8	0.13	5.8	0.72
08-05-14	38	680,000	1,466,988	2.20	0.94	1.11	6.8	0.13	6.0	0.87
08-05-15	40	740,000	1,325,540	2.20	0.92	1.04	6.8	0.12	5.3	1.37
08-05-16	40	574,000	1,071,438	2.20	0.94	1.06	6.8	0.13	6.6	1.05
08-05-17	40	698,000	1,465,270	2.20	1.03	1.15	6.9	0.11	6.6	0.94

08-05-18	39	621,000	1,353,441	2.20	1.04	1.14	6.9	0.14	6.8	0.74
08-05-19	38	621,000	1,353,441	2.20	1.05	1.14	6.9	0.17	7.0	0.54
08-05-20	36	621,000	1,353,441	2.20	1.07	1.13	6.9	0.20	7.1	0.29
08-05-21	36	694,000	1,203,423	2.20	0.90	1.14	6.9	0.13	7.1	1.39
08-05-22	38	630,000	1,272,576	2.20	1.09	1.21	6.9	0.10	7.5	1.00
08-05-23	38	759,000	1,486,728	2.20	1.04	1.26	6.8	0.12	7.6	1.30
08-05-24	36	585,000	1,363,053	2.20	1.01	1.21	6.9	0.12	7.7	1.25
08-05-25	36	585,000	1,363,053	2.20	0.99	1.17	6.9	0.13	7.7	1.19
08-05-26	36	585,000	1,363,053	2.20	0.97	1.13	6.9	0.13	7.8	1.13
08-05-27	36	707,000	1,331,889	2.20	1.05	1.22	6.9	0.12	7.9	1.02
08-05-28	36	591,000	1,221,636	2.20	1.06	1.17	6.8	0.11	7.9	0.36
08-05-29	34	660,000	1,292,384	2.20	0.95	1.06	6.8	0.11	8.0	0.33
08-05-30	34	657,000	1,333,685	2.20	1.07	1.19	6.9	0.10	8.5	0.38
08-05-31	32	576,000	1,364,146	2.20	1.01	1.13	6.9	0.10	8.4	0.34
08-06-01	32	576,000	1,364,146	2.20	0.97	1.07	7.0	0.11	8.4	0.30
08-06-02	32	576,000	1,364,146	2.20	0.93	1.01	7.0	0.11	8.3	0.27
08-06-03	32	1,000,700	1,562,752	2.20	1.02	1.11	6.8	0.13	8.6	0.13
08-06-04	32	450,000	1,049,944	2.20	0.97	1.06	6.8	0.11	8.6	0.32
08-06-05	34	680,000	1,328,182	2.20	0.94	1.00	6.8	0.11	8.6	0.21
08-06-06	34	726,000	1,191,327	2.20	0.98	1.08	6.8	0.13	8.8	0.23
08-06-07	32	653,000	1,348,813	2.20	0.96	1.03	6.8	0.13	9.0	0.19
08-06-08	32	653,000	1,348,813	2.20	0.93	0.99	6.8	0.13	9.0	0.16
08-06-09	32	653,000	1,348,813	2.20	0.90	0.94	6.8	0.13	9.2	0.13
08-06-10	31	801,000	1,215,643	2.20	1.37	1.38	6.8	0.14	9.1	0.14
08-06-11	34	767,000	1,421,310	2.20	1.21	1.23	6.8	0.13	9.5	0.34
08-06-12	34	592,000	1,378,828	2.20	1.15	1.21	6.7	0.13	9.5	0.21
08-06-13	34	707,000	1,324,663	2.20	1.05	1.12	6.8	0.16	9.6	0.16
08-06-14	32	553,000	1,334,341	2.20	1.01	1.08	6.8	0.17	9.7	0.18
08-06-15	32	553,000	1,334,341	2.20	0.97	1.04	6.8	0.18	9.8	0.22
08-06-16	32	553,000	1,334,341	2.20	0.92	1.00	6.8	0.20	10.0	0.24
08-06-17	32	792,000	1,206,060	2.20	1.00	1.06	7.0	0.16	10.7	0.31
08-06-18	32	562,000	1,436,968	2.20	1.00	1.17	7.0	0.16	10.8	0.33
08-06-19	32	731,000	1,419,402	2.20	0.97	1.04	6.8	0.16	11.1	0.41
08-06-20	34	706,000	1,354,824	2.20	1.03	1.10	6.9	0.17	10.7	0.29
08-06-21	34	596,000	1,341,272	2.20	1.04	1.14	6.9	0.18	10.8	0.30
08-06-22	32	596,000	1,341,272	2.20	1.04	1.15	6.8	0.20	11.0	0.31
08-06-23	32	596,000	1,341,272	2.20	1.05	1.16	6.8	0.22	11.1	0.33
08-06-24	34	800,000	1,290,992	2.20	1.06	1.19	6.8	0.18	11.3	0.35
08-06-25	32	608,000	1,362,895	2.20	1.02	1.16	6.8	0.17	11.5	0.35
08-06-26	32	697,000	1,321,215	2.20	0.93	1.10	6.8	0.22	11.9	0.35
08-06-27	34	636,000	1,450,211	2.20	0.92	1.01	6.8	0.19	11.9	0.35
08-06-28	34	623,000	1,329,314	2.20	0.91	1.00	6.9	0.20	11.9	0.37
08-06-29	34	623,000	1,329,314	2.20	0.90	0.98	7.0	0.21	12.0	0.40
08-06-30	34	623,000	1,329,314	2.20	0.88	0.97	7.0	0.21	12.0	0.43
08-07-01	30	726,000	1,373,470	2.20	0.91	0.99	6.7	0.20	12.1	0.61
08-07-02	32	543,000	1,423,804	2.20	0.95	1.01	6.8	0.26	11.9	0.59
08-07-03	32	826,000	1,309,150	2.20	0.96	1.03	6.9	0.22	12.4	0.31
08-07-04	31	669,000	1,281,223	2.20	0.99	1.06	6.9	0.23	12.3	0.34
08-07-05	34	602,000	1,386,877	2.20	0.96	1.02	6.9	0.23	12.6	0.32

08-07-06	34	602,000	1,386,877	2.20	0.93	0.98	6.9	0.24	12.9	0.30
08-07-07	34	602,000	1,386,877	2.20	0.90	0.95	6.9	0.25	13.1	0.29
08-07-08	33	644,000	1,203,607	2.20	0.94	1.01	6.9	0.25	13.0	0.31
08-07-09	32	643,000	1,455,723	2.20	1.06	1.18	6.9	0.28	13.0	0.46
08-07-10	32	698,000	1,300,146	2.20	1.16	1.27	6.9	0.24	13.1	0.39
08-07-11	32	545,000	1,240,541	2.20	1.00	1.08	6.9	0.25	13.1	0.45
08-07-12	40	529,000	0	2.20	1.06	1.13	6.9	0.25	12.9	0.41
08-07-13	40	529,000	0	2.20	1.12	1.19	6.9	0.26	12.7	0.38
08-07-14	40	529,000	0	2.20	1.18	1.24	6.9	0.26	12.5	0.34
08-07-15	46	567,000	0	2.20	1.20	1.31	6.8	0.22	12.2	0.38
08-07-16	47	498,000	0	2.20	1.27	1.38	6.8	0.21	12.1	0.36
08-07-17	50	439,000	1,081,071	2.20	1.22	1.27	6.8	0.19	12.2	0.37
08-07-18	49	486,000	1,331,932	2.20	1.20	1.27	6.9	0.20	12.3	0.39
08-07-19	42	393,000	1,483,583	2.20	1.10	1.16	6.9	0.21	12.3	0.40
08-07-20	42	393,000	1,483,583	2.20	1.00	1.08	6.9	0.23	12.2	0.40
08-07-21	42	393,000	1,483,583	2.20	0.92	1.00	6.9	0.25	12.2	0.41
08-07-22	38	566,000	1,443,036	2.20	0.98	1.07	6.9	0.26	13.5	0.48
08-07-23	40	440,000	1,137,619	2.20	0.84	0.93	6.9	0.24	13.3	0.52
08-07-24	36	660,000	1,612,390	2.20	1.09	1.18	7.0	0.25	14.0	0.39
08-07-25	36	373,000	1,256,288	2.20	1.06	1.16	7.0	0.25	14.8	0.52
08-07-26	32	414,000	1,380,259	2.20	1.00	1.11	7.0	0.27	14.8	0.47
08-07-27	32	414,000	1,380,259	2.20	0.94	1.06	7.0	0.29	14.8	0.42
08-07-28	32	414,000	1,380,259	2.20	0.88	1.01	7.0	0.30	14.8	0.36
08-07-29	32	709,000	1,342,387	2.20	1.04	1.12	7.0	0.32	14.9	0.42
08-07-30	32	575,000	1,347,391	2.20	1.07	1.18	7.0	0.30	14.6	0.52
08-07-31	31	683,000	1,537,573	2.20	0.95	1.06	7.0	0.33	14.8	0.43
08-08-01	30	564,000	1,363,673	2.20	1.00	1.11	7.0	0.35	15.0	0.46
08-08-02	29	642,000	1,398,556	2.20	0.97	1.09	7.0	0.35	14.5	0.38
08-08-03	27	502,000	1,318,455	2.20	1.00	1.12	7.0	0.35	14.7	0.35
08-08-04	27	502,000	1,318,455	2.20	1.03	1.15	7.0	0.36	14.8	0.32
08-08-05	27	502,000	1,318,455	2.20	1.07	1.18	7.0	0.37	14.9	0.29
08-08-06	30	801,000	1,298,718	2.20	1.05	1.15	7.0	0.39	14.6	0.39
08-08-07	28	598,000	1,325,280	2.20	0.99	1.08	7.0	0.40	14.6	0.40
08-08-08	30	687,000	1,440,858	2.20	1.11	1.20	6.9	0.37	14.6	0.38
08-08-09	30	544,000	1,353,342	2.20	1.04	1.14	6.9	0.39	14.7	0.35
08-08-10	30	544,000	1,353,342	2.20	0.98	1.08	6.9	0.42	14.7	0.32
08-08-11	30	544,000	1,353,342	2.20	0.93	1.02	6.9	0.45	14.8	0.29
08-08-12	27	688,000	1,485,590	2.20	0.97	1.08	6.9	0.40	14.7	0.27
08-08-13	30	795,000	1,327,018	2.20	0.97	1.08	6.8	0.36	15.0	0.36
08-08-14	30	689,000	1,146,774	2.20	1.01	1.08	6.9	0.38	14.8	0.26
08-08-15	29	696,000	1,588,902	2.20	0.99	1.09	6.9	0.41	14.8	0.37
08-08-16	28	575,000	1,359,375	2.20	0.98	1.05	6.9	0.40	14.9	0.38
08-08-17	28	575,000	1,359,375	2.20	0.96	1.01	6.9	0.40	14.9	0.38
08-08-18	28	575,000	1,359,375	2.20	0.94	0.98	6.9	0.39	15.0	0.39
08-08-19	27	660,000	1,300,225	2.20	0.94	1.03	6.9	0.37	14.7	0.37
08-08-20	28	760,000	1,397,276	2.20	1.00	1.08	6.9	0.36	14.8	0.36
08-08-21	28	550,000	1,476,741	2.20	0.94	1.02	6.9	0.37	14.5	0.37
08-08-22	27	605,000	1,125,299	2.20	1.07	1.14	6.9	0.39	14.6	0.39
08-08-23	28	556,000	1,447,951	2.20	1.03	1.11	6.9	0.39	14.5	0.33

08-08-24	28	556,000	1,447,951	2.20	1.00	1.09	6.9	0.40	14.5	0.27
08-08-25	28	556,000	1,447,951	2.20	0.97	1.06	6.9	0.40	14.4	0.22
08-08-26	27	739,000	1,226,979	2.20	1.07	1.20	6.9	0.38	14.4	0.51
08-08-27	27	624,000	1,533,540	2.20	1.07	1.16	7.1	0.38	14.5	0.44
08-08-28	28	545,000	1,175,037	2.20	1.11	1.21	7.1	0.39	14.6	0.37
08-08-29	30	708,000	1,458,617	2.20	1.03	1.14	7.1	0.40	14.9	0.25
08-08-30	30	592,000	1,497,670	2.20	1.01	1.15	6.9	0.43	14.8	0.15
08-08-31	28	557,000	1,347,332	2.20	1.02	1.14	6.9	0.39	14.8	0.18
08-09-01	28	557,000	1,347,332	2.20	1.02	1.13	6.9	0.37	14.9	0.22
08-09-02	28	557,000	1,347,332	2.20	1.03	1.12	6.9	0.35	14.9	0.27
08-09-03	28	512,000	1,174,777	2.20	1.07	1.16	7.0	0.34	15.7	0.24
08-09-04	30	709,000	1,542,244	2.20	0.97	1.09	7.0	0.36	15.4	0.24
08-09-05	28	600,000	1,314,812	2.20	1.02	1.07	7.0	0.35	15.0	0.27
08-09-06	28	499,000	1,411,116	2.20	1.15	1.26	7.1	0.35	14.8	0.27
08-09-07	28	499,000	1,411,116	2.20	1.15	1.26	7.1	0.35	14.5	0.28
08-09-08	28	499,000	1,411,116	2.20	1.15	1.26	7.1	0.53	14.3	0.28
08-09-09	28	874,000	1,352,380	2.20	1.15	1.24	7.0	0.36	14.5	0.37
08-09-10	28	608,000	1,331,053	2.20	1.10	1.19	7.1	0.37	14.2	0.36
08-09-11	28	708,000	1,344,390	2.20	1.13	1.23	7.1	0.38	14.2	0.38
08-09-12	28	493,000	1,174,973	2.20	0.95	1.06	7.1	0.36	14.5	0.22
08-09-13	28	606,000	1,437,223	2.20	0.98	1.09	7.1	0.35	14.4	0.20
08-09-14	28	606,000	1,437,223	2.20	1.01	1.11	7.1	0.35	14.3	0.18
08-09-15	28	606,000	1,437,223	2.20	1.05	1.14	7.1	0.35	14.2	0.16
08-09-16	28	688,000	1,238,147	2.20	1.08	1.18	7.1	0.34	14.0	0.18
08-09-17	28	687,000	1,515,269	2.20	1.11	1.22	7.1	0.32	14.9	0.28
08-09-18	29	605,000	1,291,903	2.20	1.09	1.14	7.1	0.30	13.7	0.21
08-09-19	28	643,000	1,193,708	2.20	1.04	1.11	7.1	0.31	14.5	0.32
08-09-20	28	554,000	1,378,412	2.20	1.05	1.13	7.1	0.30	14.4	0.33
08-09-21	28	554,000	1,378,412	2.20	1.06	1.14	7.1	0.30	14.3	0.34
08-09-22	28	554,000	1,378,412	2.20	1.07	1.16	7.1	0.30	14.2	0.35
08-09-23	29	765,000	1,156,549	2.20	1.12	1.22	7.0	0.43	14.2	0.34
08-09-24	28	650,000	1,375,995	2.20	1.10	1.18	7.1	0.29	14.1	0.33
08-09-25	30	677,000	1,303,039	2.20	0.96	1.05	7.0	0.28	13.9	0.38
08-09-26	30	801,000	1,338,043	2.20	1.16	1.22	7.0	0.29	13.7	0.32
08-09-27	32	713,000	1,294,301	2.20	1.10	1.17	7.0	0.29	13.6	0.34
08-09-28	32	713,000	1,294,301	2.20	1.03	1.13	7.1	0.29	13.6	0.36
08-09-29	32	713,000	1,294,301	2.20	0.96	1.08	7.1	0.29	13.5	0.38
08-09-30	30	623,000	1,137,738	2.20	0.97	1.10	7.0	0.27	13.4	0.36
08-10-01	32	809,000	1,518,533	2.20	1.15	1.23	7.0	0.24	13.0	0.23
08-10-02	34	663,000	1,052,280	2.20	1.13	1.20	7.0	0.21	12.9	0.19
08-10-03	32	799,000	1,468,357	2.20	1.06	1.14	6.9	0.21	12.8	0.36
08-10-04	34	636,000	1,294,960	2.20	0.98	1.06	6.9	0.21	12.8	0.38
08-10-05	34	636,000	1,294,960	2.20	0.91	0.99	6.9	0.20	12.7	0.39
08-10-06	34	636,000	1,294,960	2.20	0.84	0.92	6.9	0.20	12.7	0.41
08-10-07	36	821,000	1,110,389	2.20	1.07	1.15	6.9	0.19	12.6	0.36
08-10-08	35	691,000	1,411,781	2.20	1.12	1.20	6.9	0.18	12.5	0.44
08-10-09	37	608,000	1,114,308	2.20	1.15	1.26	6.8	0.18	12.4	0.48
08-10-10	35	745,000	1,379,603	2.20	0.90	0.97	6.9	0.17	12.2	0.53
08-10-11	35	659,000	1,241,141	2.20	0.96	1.05	6.9	0.17	12.2	0.51

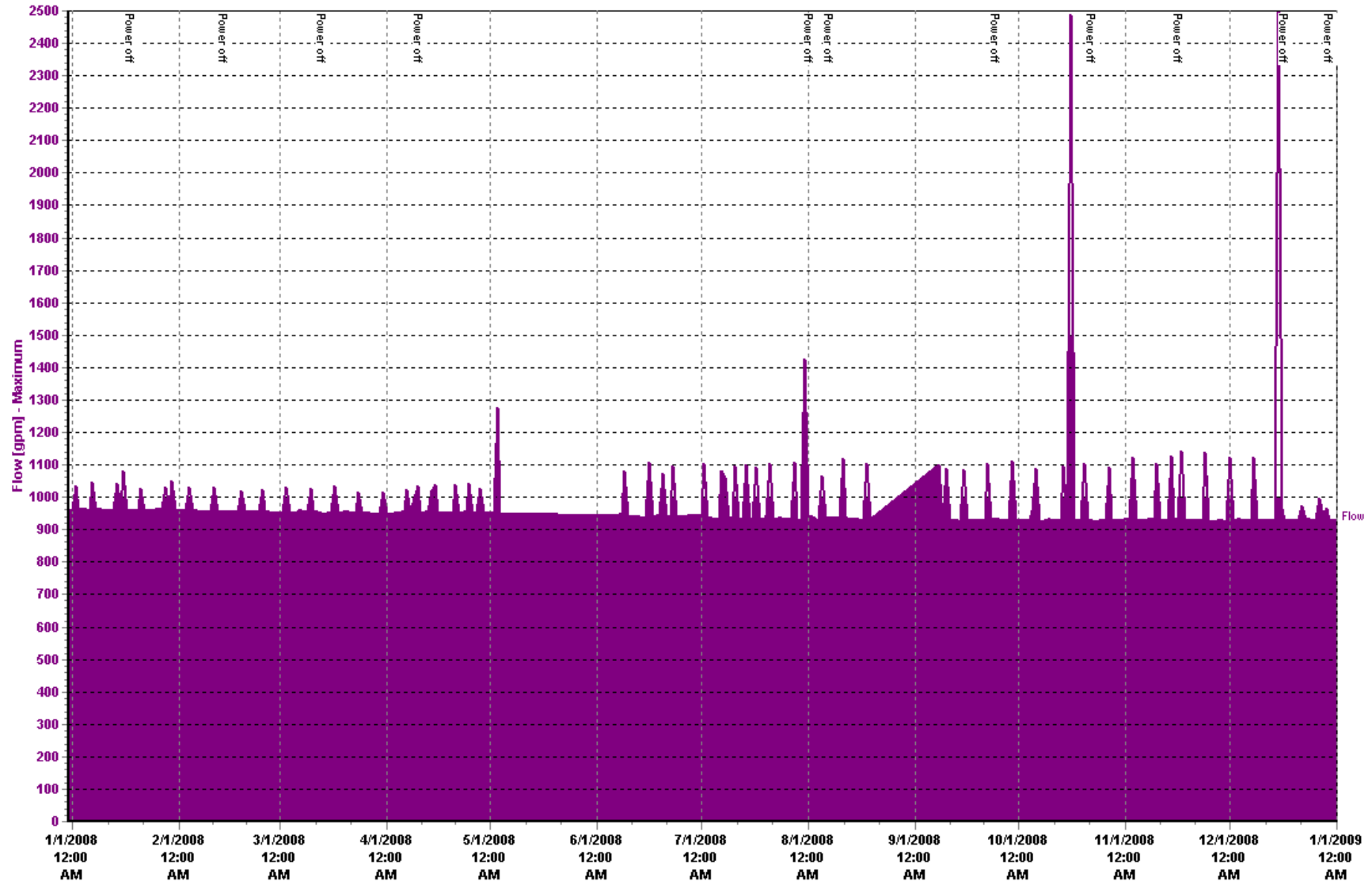
08-10-12	34	659,000	1,241,141	2.20	1.02	1.11	6.8	0.17	12.1	0.49
08-10-13	34	659,000	1,241,141	2.20	1.09	1.17	6.8	0.17	12.1	0.48
08-10-14	34	717,000	1,390,016	2.20	1.12	1.22	7.0	0.16	12.4	0.59
08-10-15	35	615,000	1,149,306	2.20	1.04	1.12	7.0	0.15	11.7	0.51
08-10-16	36	789,000	1,306,153	2.20	1.10	1.20	7.0	0.15	11.5	0.47
08-10-17	36	738,000	1,354,058	2.20	1.06	1.13	6.8	0.15	11.4	0.37
08-10-18	35	673,000	1,242,128	2.20	1.08	1.17	6.8	0.15	11.3	0.36
08-10-19	35	673,000	1,242,128	2.20	1.10	1.20	6.8	0.14	11.3	0.36
08-10-20	34	673,000	1,242,128	2.20	1.11	1.24	6.8	0.14	11.2	0.35
08-10-21	34	722,000	1,384,592	2.20	1.12	1.16	6.8	0.13	11.1	0.39
08-10-22	34	660,000	1,450,413	2.20	1.12	1.19	6.8	0.13	11.1	0.56
08-10-23	36	830,000	1,036,967	2.20	1.09	1.11	6.8	0.13	11.1	0.31
08-10-24	34	791,000	1,339,939	2.20	1.19	1.27	6.8	0.12	10.9	0.32
08-10-25	35	638,000	1,342,263	2.20	1.14	1.23	6.9	0.16	10.2	0.30
08-10-26	35	638,000	1,342,263	2.20	1.09	1.20	6.9	0.21	9.6	0.28
08-10-27	35	638,000	1,342,263	2.20	1.05	1.17	7.0	0.25	9.2	0.25
08-10-28	36	682,000	974,824	2.20	1.09	1.13	6.9	0.12	9.3	0.26
08-10-29	34	751,000	1,345,810	2.20	1.04	1.13	6.8	0.11	9.9	0.22
08-10-30	36	657,000	1,231,916	2.20	1.07	1.14	6.9	0.13	9.8	0.27
08-10-31	34	699,000	1,186,354	2.20	1.05	1.10	6.8	0.12	9.7	0.24
08-11-01	36	710,000	1,245,599	2.20	1.04	1.09	6.8	0.12	9.5	0.23
08-11-02	36	710,000	1,245,599	2.20	1.04	1.08	6.8	0.12	9.4	0.22
08-11-03	36	710,000	1,245,599	2.20	1.04	1.06	6.8	0.12	9.2	0.21
08-11-04	36	735,000	1,148,642	2.20	1.07	1.10	6.8	0.12	9.1	0.18
08-11-05	36	737,000	1,168,537	2.20	1.00	1.01	7.1	0.12	9.1	0.18
08-11-06	36	715,000	1,228,397	2.20	1.06	1.09	7.1	0.12	8.9	0.30
08-11-07	34	671,000	1,238,344	2.20	1.04	1.05	7.1	0.11	8.8	0.49
08-11-08	34	638,000	1,222,547	2.20	1.04	1.04	7.0	0.11	8.7	0.50
08-11-09	34	638,000	1,222,547	2.20	1.04	1.04	7.0	0.11	8.6	0.52
08-11-10	34	638,000	1,222,547	2.20	1.04	1.04	7.0	0.11	8.4	0.54
08-11-11	35	585,000	1,175,219	2.20	1.07	1.07	7.1	0.12	8.2	0.18
08-11-12	34	579,000	1,271,511	2.20	1.00	1.02	7.1	0.10	8.2	0.39
08-11-13	34	599,000	1,126,490	2.20	1.07	1.08	7.1	0.11	8.1	0.19
08-11-14	34	680,000	1,294,433	2.20	1.08	1.15	7.1	0.11	8.6	0.26
08-11-15	37	583,000	1,243,826	2.20	1.03	1.11	7.1	0.11	8.4	0.25
08-11-16	37	583,000	1,243,826	2.20	0.99	1.07	7.1	0.11	8.2	0.25
08-11-17	37	583,000	1,243,826	2.20	0.94	1.03	7.1	0.11	8.0	0.24
08-11-18	34	751,000	1,016,677	2.20	0.99	1.07	7.0	0.10	8.1	0.16
08-11-19	34	610,000	1,246,786	2.20	1.01	1.11	7.0	0.10	8.3	0.18
08-11-20	34	687,000	1,273,389	2.20	0.96	1.04	7.0	0.08	7.6	0.21
08-11-21	36	651,000	1,021,964	2.20	1.12	1.13	7.0	0.10	7.4	0.30
08-11-22	36	688,000	1,250,963	2.20	1.08	1.10	7.0	0.10	7.3	0.25
08-11-23	36	688,000	1,250,963	2.20	1.05	1.07	7.0	0.09	7.3	0.19
08-11-24	36	688,000	1,250,963	2.20	1.02	1.03	7.0	0.09	7.2	0.13
08-11-25	36	891,000	1,448,593	2.20	1.02	1.02	7.0	0.10	7.1	0.27
08-11-26	36	696,000	1,224,767	2.20	1.04	1.06	7.0	0.12	7.0	0.25
08-11-27	38	717,000	1,023,949	2.20	1.02	1.03	7.0	0.10	7.0	0.22
08-11-28	38	642,000	966,751	2.20	1.01	1.04	7.0	0.11	6.8	0.18
08-11-29	38	739,000	1,218,580	2.20	1.02	1.05	7.0	0.11	6.9	0.30

08-11-30	38	739,000	1,218,580	2.20	1.03	1.05	7.0	0.11	6.9	0.40
08-12-01	38	739,000	1,218,580	2.20	1.05	1.06	7.0	0.11	7.0	0.54
08-12-02	37	904,000	1,281,138	2.20	1.03	1.22	6.9	0.10	6.4	0.08
08-12-03	39	856,000	1,407,226	2.20	1.04	1.20	6.9	0.11	6.7	0.09
08-12-04	40	700,000	937,139	2.20	1.00	1.19	7.0	0.09	6.3	0.16
08-12-05	39	682,000	1,228,113	2.20	1.01	1.09	7.0	0.11	6.1	0.17
08-12-06	40	590,000	1,183,777	2.20	1.05	1.12	7.0	0.11	6.0	0.17
08-12-07	40	590,000	1,183,777	2.20	1.09	1.15	7.0	0.12	5.9	0.18
08-12-08	40	590,000	1,183,777	2.20	1.14	1.18	7.0	0.13	5.8	0.18
08-12-09	40	749,000	1,309,439	2.20	1.28	1.38	7.0	0.09	6.6	0.18
08-12-10	38	691,000	1,187,737	2.20	1.11	1.18	7.0	0.11	5.7	0.16
08-12-11	40	675,000	1,218,448	2.20	1.08	1.16	7.0	0.10	5.9	0.25
08-12-12	42	681,000	1,078,578	2.20	1.14	1.14	7.0	0.12	6.0	0.34
08-12-13	40	679,000	1,240,337	2.20	1.15	1.15	7.0	0.11	5.7	0.31
08-12-14	40	679,000	1,240,337	2.20	1.15	1.16	7.0	0.11	5.5	0.26
08-12-15	40	679,000	1,240,337	2.20	1.16	1.17	7.0	0.11	5.3	0.22
08-12-16	40	821,000	1,016,758	2.20	0.99	1.09	6.7	0.11	5.6	0.22
08-12-17	40	610,000	1,255,335	2.20	1.04	1.16	6.6	0.08	5.6	0.26
08-12-18	40	656,000	1,258,557	2.20	1.16	1.28	6.9	0.07	5.6	0.25
08-12-19	40	575,000	1,115,829	2.20	1.10	1.26	6.9	0.07	5.5	0.26
08-12-20	40	617,000	1,247,520	2.20	1.09	1.22	6.9	0.06	5.4	0.25
08-12-21	40	617,000	1,247,520	2.20	1.09	1.19	6.9	0.06	5.4	0.25
08-12-22	40	617,000	1,247,520	2.20	1.08	1.16	6.9	0.06	5.4	0.25
08-12-23	41	726,000	1,121,927	2.20	1.11	1.18	7.0	0.05	5.4	0.21
08-12-24	40	586,000	1,190,135	2.20	1.19	1.24	6.9	0.10	5.4	0.60
08-12-25	40	504,000	1,307,390	2.20	1.15	1.19	6.9	0.07	6.0	0.51
08-12-26	40	504,000	1,307,390	2.20	1.12	1.15	7.0	0.05	6.7	0.42
08-12-27	40	579,000	955,496	2.20	1.13	1.17	7.0	0.07	6.5	0.38
08-12-28	40	579,000	955,496	2.20	1.13	1.20	7.0	0.09	6.4	0.33
08-12-29	40	579,000	955,496	2.20	1.14	1.23	7.0	0.10	6.3	0.29
08-12-30	38	759,000	1,304,253	2.20	1.05	1.16	7.0	0.09	5.1	0.15

Monthly and Annual flow rates in US gals.

POTABLE WATER FLOWS / CHEMICAL ADDITION AND PUMP RUNNING HOURS: PER DAY FOR THE YEAR 2007													
2008	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Run Hrs/Day													
#1 Deepwell Pump	10.17	12.64	12.60	12.54	12.44	11.78	10.80	10.71	11.14	12.95	14.45	12.75	12.08
#2 Deepwell Pump	10.17	12.64	12.60	12.54	12.43	11.78	10.81	10.70	11.15	12.83	12.44	12.74	11.90
#3 Deepwell Pump	0.26	0.04	0.03	0.05	0.12	0.06	0.05	0.24	0.00	0.03	0.04	0.04	0.08
Run Hrs/Day													
#1 Booster	19.86	22.75	22.8	22.29	22.75	22.77	21.67	21.24	22.28	22.87	22.09	22	22.11
#2 Booster	1.45	4.48	4.76	4.64	5.03	3.63	2.11	3.57	2.64	4.9	3.88	4.66	3.81
Run Hrs/Day													
#1 Sewage	0	0	2.19	9.07	7.27	5.27	0.47	7.36	5.44	4.95	4.83	2.35	4.10
#2 Sewage	8.41	5.95	0	0.01	0	0.02	0.01	1.5	0.01	0.01	3.61	3.03	1.88
Metered Flow US Gals/Day													
#3 Pumphouse OUTPUT	563,000	697,967	704,571	693,971	692,900	652,448	592,531	583,724	605,029	698,429	672,484	691,781	654,070
Norcat INPUT	6,391	6,753	6,557	4,229	1,580	1,403	1,284	750	1,053	996	1,094	243	2,694
Town Meter INPUT	175,627	187,335	183,400	222,753	161,617	164,324	153,519	114,366	118,115	129,904	137,974	143,431	157,697
Coleman Booster INPUT	389,828	516,052	518,811	505,747	514,106	484,281	433,756	463,608	489,840	521,956	491,209	516,724	487,160
Levack mine FNX INPUT	512	660	669	784	801	810	908	838	551	509	443	380	655
TOTAL INPUTS	572,358	710,800	709,437	733,513	678,104	650,818	589,467	579,562	609,559	653,365	630,720	660,778	647,551
OUTPUT % Accounted	102	102	101	106	98	100	99	99	101	94	94	96	99
US Gals / Day													
Coleman Surface	25,281	26,967	28,893	27,500	27,500	27,500	27,014	21,746	24,922	26,924	26,318	24,383	26,245.67
Coleman Underground	136,559	169,638	158,043	165,291	189,145	181,399	142,797	125,124	166,290	179,506	166,459	176,780	163,085.92
TOTAL Coleman	161,840	196,605	186,936	192,791	216,645	208,899	169,811	146,870	191,212	206,430	192,777	201,163	189,331.58
TOTAL Falconbridge	198,297	280,078	287,666	270,748	259,952	238,902	230,365	280,723	255,832	276,276	260,125	257,474	258,037
TOTAL Coleman / Falco.	360,137	476,683	474,602	463,539	476,597	447,801	400,176	427,593	447,044	482,706	452,902	458,637	447,368.08
Coleman / Falco % Accounted	92	92	91	92	93	92	92	92	91	92	92	89	91.83
Water Temp Range deg C	6.4 to 3.6 deg.C	3.6 to 4 deg. C	4 to 3.3 deg.C	3.3 to 3.4 deg. C	3.4 to 7.1 deg. C	7.1 to 11.1 deg. C	11.1 to 13.5 deg. C	13.5 to 15 deg.C	15 to 14.2 deg.C	14.2 to 11.2 deg.C	11.2 to 7.6 deg.C	7.6 to 5.4 deg.C	8.33
Liters/Day													
Javex liters/day	57.5	54.17	51.79	55.15	59.17	50	55	65.52	64.71	78.57	46.65	56.38	57.9
Sodium Hexametaphosphate LITERS / day	3.13	3.13	3.57	3.53	3.5	3.5	5.47	5.17	4.41	5.36	6.16	8.91	4.7
Caustic Soda Kg/day	75	64.8	73.33	93.09	108.17	98.07	99.81	78.81	90	68.79	103.6	90.0	87.0

Instantaneous peak flows in US gals / minute for 2008



Section 22-2 subsection (3)

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rate approved in the system's approval.

Response:

The Levack groundwater wells have been approved to supply water at the following maximum flow rates:

Well No. 1	<u>44.16 L/sec = 11.7 US gals/sec = 702 US gals /minute</u>
Well No. 2	<u>44.16 L/sec = 11.7 US gals/sec = 702 US gals /minute</u>
Well No. 3	<u>121.13 L/sec = 32 US gals/sec = 1920 US gals /minute</u>

The well pump start / stop control system is programmed to have # 1 and # 2 well pumps operate simultaneously and to have # 3 well pump operate on it's own. If # 1 and # 2 pumps are running, # 3 pump is the back-up pump. If # 3 well pump is operating, # 1 and # 2 pumps are the back-up pumps.

The average flow rate in 2007 was 654 070 US gallons per day. This equates to 454 US gallons per minute, well below the maximum flow rates allowed.

NOTE: The deep well pumps start and stop based on the Levack head tank level. In 2008 the deep well pumps operated an average of 11.99 hours per day.

Section 22-2 subsection (4)

If a report is prepared under subsection (1), for a system that supplies water to a municipality under the terms of a contract, the owner of the system shall give a copy of the report to the municipality by March 31.

Response:

A copy of the Vale Inco Levack Wells Summary Report will be made available to the City of Greater Sudbury on or before March 31, 2008. (If deemed necessary)