

**Vale Inco
Levack Wells**

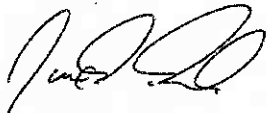
January 21, 2010

Re: Levack Potable Waterworks Annual Summary Report for 2009

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:

Terry Cholewinski, Vale Inco Coleman Mine 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 2009 Summary Report will be submitted to the Vale Inco Coleman Mine Manager on or before March 31 2009.

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 2009 up to and including December 1 2009, Vale Inco Levack Potable Water Wells System had 4 non-compliance events.

| Date | Date Notified | Date Reported AWQI Notification No. | Location | Adverse Indicator | Actions Taken | Comments |
|----------------|--------------------------|--|------------------------------------|---|--|---|
| Jan.5, 09 | Jan. 6,09 3:24 pm | Jan. 6, 2009 4:00pm AWQI #86047 | Vale Inco Levack well system | Total Coliform = 3 | Re-sample. | Re-sample result was not-detectable |
| Apr.23, 09 | April 23, 09 10:20 am | April 23, 2009 3:25 pm AWQI #87750 | 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 |
| Sept. 23,09 | Sept.24,09 9:00 am | Sept. 24,2009 9:12am AWQI# 91415 | Vale Inco Levack well system | Turbidity levels > 1.0 NTU | Continuous monitoring conducted. | Grab sample indicated turbidity was 0.56 NTU. Turbidimeter flushed and cleaned. Dirty sensor. |
| Oct. 2,09 | Oct. 2,09 10:39 am | Oct. 2, 2010 10:53am AWQI# 91624 | Vale Inco Levack well system | Vandalism to water intake. Fire Retardant observed at plant intake. | Shut down water system | Rushed samples for analysis. Re-started water system as per Ministry of Health and Ministry of Environment. Sample results were not-detectable. |

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. | .8 - 1.2 |
| Date | mg/L | US Gals | US Gals | mg/L | mg/L | mg/L | pH | NTU | Deg. C. | ppm |
| 09-01-01 | 38 | 710,000 | 1,212,425 | 2.20 | 0.89 | 1.06 | 6.8 | 0.10 | 5.3 | 0.21 |
| 09-01-02 | 38 | 710,000 | 1,212,425 | 2.20 | 0.89 | 1.06 | 6.8 | 0.10 | 5.3 | 0.21 |
| 09-01-03 | 40 | 600,000 | 1,247,180 | 2.20 | 0.92 | 1.08 | 6.8 | 0.09 | 5.0 | 0.21 |
| 09-01-04 | 40 | 600,000 | 1,247,180 | 2.20 | 0.95 | 1.10 | 6.8 | 0.09 | 1.7 | 0.22 |
| 09-01-05 | 40 | 600,000 | 1,247,180 | 2.20 | 0.99 | 1.13 | 6.8 | 0.08 | 4.4 | 0.22 |
| 09-01-06 | 38 | 670,000 | 1,070,872 | 2.20 | 1.04 | 1.17 | 6.8 | 0.08 | 4.4 | 0.20 |
| 09-01-07 | 38 | 710,000 | 1,287,175 | 2.20 | 1.05 | 1.22 | 6.8 | 0.06 | 4.5 | 0.20 |
| 09-01-08 | 38 | 640,000 | 1,100,306 | 2.20 | 1.10 | 1.20 | 6.8 | 0.10 | 4.7 | 0.33 |
| 09-01-09 | 38 | 670,000 | 1,398,988 | 2.20 | 1.04 | 1.17 | 6.9 | 0.10 | 4.6 | 0.23 |
| 09-01-10 | 41 | 574,000 | 1,220,471 | 2.20 | 1.00 | 1.13 | 6.9 | 0.11 | 4.6 | 0.26 |
| 09-01-11 | 41 | 574,000 | 1,220,471 | 2.20 | 0.96 | 1.05 | 6.8 | 0.11 | 4.5 | 0.29 |
| 09-01-12 | 41 | 574,000 | 1,220,471 | 2.20 | 0.92 | 1.03 | 6.8 | 0.12 | 4.5 | 0.31 |
| 09-01-13 | 39 | 990,000 | 1,177,102 | 2.20 | 1.01 | 1.13 | 6.9 | 0.11 | 4.6 | 0.36 |
| 09-01-14 | 40 | 621,000 | 1,057,690 | 2.20 | 0.98 | 1.11 | 6.9 | 0.12 | 4.2 | 0.27 |
| 09-01-15 | 42 | 641,000 | 1,338,215 | 2.20 | 1.02 | 1.15 | 6.9 | 0.11 | 4.0 | 0.24 |
| 09-01-16 | 40 | 600,000 | 1,135,712 | 2.20 | 1.00 | 1.14 | 6.8 | 0.11 | 4.0 | 0.31 |
| 09-01-17 | 40 | 655,000 | 1,233,300 | 2.20 | 0.99 | 1.13 | 6.8 | 0.11 | 4.2 | 0.28 |
| 09-01-18 | 40 | 655,000 | 1,233,300 | 2.20 | 0.99 | 1.11 | 6.8 | 0.11 | 4.3 | 0.25 |
| 09-01-19 | 40 | 655,000 | 1,233,300 | 2.20 | 0.98 | 1.09 | 6.8 | 0.12 | 4.4 | 0.22 |
| 09-01-20 | 40 | 736,000 | 1,184,124 | 2.20 | 1.03 | 1.11 | 6.8 | 0.11 | 4.5 | 0.25 |
| 09-01-21 | 42 | 708,000 | 1,126,854 | 2.20 | 0.99 | 1.05 | 6.8 | 0.11 | 4.4 | 0.24 |
| 09-01-22 | 42 | 666,000 | 1,143,425 | 2.20 | 1.03 | 1.11 | 6.8 | 0.10 | 4.4 | 0.13 |
| 09-01-23 | 42 | 788,000 | 1,203,542 | 2.20 | 1.07 | 1.20 | 6.8 | 0.12 | 4.4 | 0.22 |
| 09-01-24 | 42 | 600,000 | 1,206,820 | 2.20 | 1.02 | 1.16 | 6.9 | 0.12 | 4.3 | 0.24 |
| 09-01-25 | 42 | 600,000 | 1,206,820 | 2.20 | 0.98 | 1.12 | 6.9 | 0.12 | 4.3 | 0.25 |
| 09-01-26 | 42 | 600,000 | 1,206,820 | 2.20 | 0.94 | 1.07 | 6.9 | 0.12 | 4.2 | 0.26 |
| 09-01-27 | 40 | 766,000 | 1,233,124 | 2.20 | 0.93 | 1.04 | 6.9 | 0.12 | 4.1 | 0.28 |
| 09-01-28 | 40 | 625,000 | 1,223,532 | 2.20 | 0.91 | 1.04 | 6.8 | 0.12 | 4.6 | 0.26 |
| 09-01-29 | 40 | 710,000 | 1,114,102 | 2.20 | 0.99 | 1.09 | 6.8 | 0.12 | 4.5 | 0.31 |
| 09-01-30 | 39 | 687,000 | 1,383,876 | 2.20 | 0.97 | 1.12 | 6.9 | 0.13 | 5.0 | 0.24 |
| 09-01-31 | 41 | 623,000 | 1,222,819 | 2.20 | 1.00 | 1.12 | 6.9 | 0.13 | 4.8 | 0.25 |
| 09-02-01 | 41 | 623,000 | 1,222,819 | 2.20 | 1.00 | 1.12 | 6.8 | 0.12 | 4.6 | 0.25 |
| 09-02-02 | 41 | 623,000 | 1,222,819 | 2.20 | 1.00 | 1.12 | 6.8 | 0.12 | 4.3 | 0.25 |
| 09-02-03 | 40 | 724,000 | 1,220,959 | 2.20 | 1.18 | 1.23 | 6.8 | 0.11 | 4.9 | 0.27 |
| 09-02-04 | 42 | 637,000 | 1,189,575 | 2.20 | 1.09 | 1.22 | 6.8 | 0.14 | 4.2 | 0.25 |
| 09-02-05 | 42 | 659,000 | 1,184,119 | 2.20 | 0.94 | 1.07 | 6.9 | 0.15 | 4.0 | 0.22 |
| 09-02-06 | 44 | 640,000 | 1,138,950 | 2.20 | 1.01 | 1.11 | 6.8 | 0.09 | 4.2 | 0.21 |
| 09-02-07 | 44 | 638,000 | 1,219,804 | 2.20 | 1.02 | 1.11 | 6.8 | 0.10 | 4.2 | 0.21 |
| 09-02-08 | 44 | 638,000 | 1,219,804 | 2.20 | 1.04 | 1.11 | 6.8 | 0.11 | 4.2 | 0.21 |
| 09-02-09 | 44 | 638,000 | 1,219,804 | 2.20 | 1.06 | 1.11 | 6.8 | 0.12 | 4.2 | 0.21 |

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|----------|----|---------|-----------|------|------|------|-----|------|-----|------|
| 09-02-10 | 42 | 748,000 | 1,338,754 | 2.20 | 1.07 | 1.19 | 6.8 | 0.11 | 4.7 | 0.25 |
| 09-02-11 | 42 | 698,000 | 1,159,029 | 2.20 | 0.98 | 1.14 | 6.8 | 0.10 | 4.3 | 0.27 |
| 09-02-12 | 42 | 630,000 | 1,054,706 | 2.20 | 0.98 | 1.07 | 6.8 | 0.15 | 4.2 | 0.43 |
| 09-02-13 | 44 | 705,000 | 1,258,656 | 2.20 | 1.05 | 1.19 | 6.8 | 0.13 | 4.2 | 0.27 |
| 09-02-14 | 42 | 643,000 | 1,092,314 | 2.20 | 0.96 | 1.07 | 6.8 | 0.10 | 4.4 | 0.29 |
| 09-02-15 | 42 | 538,000 | 1,238,553 | 2.20 | 0.97 | 1.08 | 6.8 | 0.10 | 4.5 | 0.34 |
| 09-02-16 | 42 | 538,000 | 1,238,553 | 2.20 | 0.98 | 1.09 | 6.8 | 0.11 | 4.6 | 0.38 |
| 09-02-17 | 42 | 538,000 | 1,238,553 | 2.20 | 0.99 | 1.10 | 6.8 | 0.11 | 4.8 | 0.43 |
| 09-02-18 | 42 | 626,000 | 1,114,258 | 2.20 | 1.02 | 1.08 | 6.9 | 0.11 | 4.0 | 0.32 |
| 09-02-19 | 42 | 663,000 | 1,358,474 | 2.20 | 1.03 | 1.12 | 6.9 | 0.11 | 4.1 | 0.18 |
| 09-02-20 | 42 | 729,000 | 1,372,453 | 2.20 | 0.98 | 1.08 | 6.9 | 0.10 | 4.8 | 0.17 |
| 09-02-21 | 42 | 591,000 | 1,201,872 | 2.20 | 0.96 | 1.06 | 6.9 | 0.11 | 4.6 | 0.24 |
| 09-02-22 | 42 | 591,000 | 1,201,872 | 2.20 | 0.96 | 1.04 | 6.8 | 0.11 | 4.3 | 0.31 |
| 09-02-23 | 42 | 591,000 | 1,201,872 | 2.20 | 0.96 | 1.03 | 6.8 | 0.12 | 4.1 | 0.37 |
| 09-02-24 | 42 | 697,000 | 1,138,412 | 2.20 | 1.05 | 1.19 | 6.9 | 0.11 | 4.1 | 0.24 |
| 09-02-25 | 44 | 668,000 | 1,350,450 | 2.20 | 1.01 | 1.15 | 6.9 | 0.12 | 4.5 | 0.17 |
| 09-02-26 | 44 | 668,000 | 1,350,450 | 2.20 | 1.01 | 1.15 | 6.9 | 0.12 | 4.5 | 0.17 |
| 09-02-27 | 40 | 688,000 | 1,310,547 | 2.20 | 1.06 | 1.10 | 6.8 | 0.10 | 4.8 | 0.34 |
| 09-02-28 | 38 | 597,000 | 1,240,974 | 2.20 | 1.09 | 1.16 | 6.8 | 0.10 | 4.3 | 0.20 |
| 09-03-01 | 38 | 597,000 | 1,240,974 | 2.20 | 1.09 | 1.16 | 6.8 | 0.10 | 4.3 | 0.20 |
| 09-03-02 | 38 | 597,000 | 1,240,974 | 2.20 | 1.09 | 1.16 | 6.8 | 0.10 | 4.3 | 0.20 |
| 09-03-03 | 39 | 739,000 | 894,810 | 2.20 | 1.06 | 1.18 | 6.9 | 0.12 | 4.4 | 0.32 |
| 09-03-04 | 42 | 747,000 | 1,354,583 | 2.20 | 1.04 | 1.18 | 6.8 | 0.11 | 5.4 | 0.38 |
| 09-03-05 | 40 | 702,000 | 1,235,812 | 2.20 | 1.01 | 1.11 | 6.8 | 0.10 | 5.4 | 0.33 |
| 09-03-06 | 42 | 644,000 | 1,148,622 | 2.20 | 1.01 | 1.12 | 6.8 | 0.13 | 4.9 | 0.30 |
| 09-03-07 | 42 | 736,000 | 1,260,373 | 2.20 | 0.96 | 1.12 | 6.8 | 0.11 | 4.1 | 0.28 |
| 09-03-08 | 42 | 736,000 | 1,260,373 | 2.20 | 0.96 | 1.12 | 6.8 | 0.11 | 4.1 | 0.28 |
| 09-03-09 | 42 | 736,000 | 1,260,373 | 2.20 | 0.96 | 1.12 | 6.8 | 0.11 | 4.1 | 0.28 |
| 09-03-10 | 40 | 824,000 | 1,154,273 | 2.20 | 1.13 | 1.28 | 6.8 | 0.10 | 4.1 | 0.30 |
| 09-03-11 | 40 | 875,000 | 1,410,224 | 2.20 | 1.17 | 1.28 | 6.8 | 0.11 | 4.2 | 0.28 |
| 09-03-12 | 40 | 731,000 | 1,016,590 | 2.20 | 1.02 | 1.12 | 6.8 | 0.11 | 4.0 | 0.25 |
| 09-03-13 | 42 | 764,000 | 1,448,320 | 2.20 | 1.03 | 1.15 | 6.8 | 0.13 | 4.0 | 0.43 |
| 09-03-14 | 44 | 657,000 | 1,168,366 | 2.20 | 1.01 | 1.13 | 6.8 | 0.09 | 4.0 | 0.70 |
| 09-03-15 | 44 | 657,000 | 1,168,366 | 2.20 | 1.01 | 1.13 | 6.8 | 0.09 | 4.0 | 0.70 |
| 09-03-16 | 44 | 657,000 | 1,168,366 | 2.20 | 1.01 | 1.13 | 6.8 | 0.09 | 4.0 | 0.70 |
| 09-03-17 | 46 | 775,000 | 1,287,432 | 2.20 | 0.95 | 1.07 | 6.8 | 0.10 | 4.0 | 0.24 |
| 09-03-18 | 46 | 761,000 | 1,213,040 | 2.20 | 1.00 | 1.13 | 6.9 | 0.10 | 4.2 | 0.32 |
| 09-03-19 | 46 | 700,000 | 1,197,465 | 2.20 | 0.97 | 1.09 | 6.9 | 0.12 | 3.8 | 0.26 |
| 09-03-20 | 44 | 710,000 | 1,240,238 | 2.20 | 1.07 | 1.18 | 6.8 | 0.09 | 3.8 | 0.29 |
| 09-03-21 | 44 | 622,000 | 1,189,191 | 2.20 | 1.06 | 1.15 | 6.8 | 0.09 | 3.7 | 0.31 |
| 09-03-22 | 44 | 622,000 | 1,189,191 | 2.20 | 1.05 | 1.12 | 6.8 | 0.09 | 3.7 | 0.33 |
| 09-03-23 | 44 | 622,000 | 1,189,191 | 2.20 | 1.04 | 1.09 | 6.8 | 0.09 | 3.6 | 0.36 |
| 09-03-24 | 40 | 709,000 | 1,118,969 | 2.20 | 1.13 | 1.24 | 6.9 | 0.09 | 3.5 | 0.26 |
| 09-03-25 | 40 | 669,000 | 1,263,370 | 2.20 | 0.99 | 1.10 | 6.8 | 0.09 | 4.1 | 0.22 |
| 09-03-26 | 40 | 669,000 | 1,263,370 | 2.20 | 0.99 | 1.10 | 6.8 | 0.09 | 4.1 | 0.22 |
| 09-03-27 | 44 | 776,000 | 1,133,010 | 2.20 | 0.97 | 1.10 | 6.8 | 0.09 | 3.8 | 0.19 |
| 09-03-28 | 42 | 574,000 | 1,189,437 | 2.20 | 0.99 | 1.13 | 6.8 | 0.10 | 3.8 | 0.24 |
| 09-03-29 | 42 | 574,000 | 1,189,437 | 2.20 | 0.99 | 1.13 | 6.8 | 0.11 | 3.7 | 0.29 |
| 09-03-30 | 42 | 670,000 | 1,089,437 | 2.20 | 0.99 | 1.13 | 6.8 | 0.12 | 3.7 | 0.35 |

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| 09-03-31 | 42 | 685,000 | 1,107,383 | 2.20 | 0.99 | 1.13 | 6.8 | 0.11 | 3.7 | 0.24 |
| 09-04-01 | 42 | 734,000 | 1,300,460 | 2.20 | 1.06 | 1.19 | 6.8 | 0.09 | 3.5 | 0.20 |
| 09-04-02 | 44 | 632,000 | 1,185,546 | 2.20 | 1.05 | 1.19 | 6.9 | 0.09 | 3.5 | 0.31 |
| 09-04-03 | 44 | 623,000 | 1,336,621 | 2.20 | 0.95 | 1.08 | 6.8 | 0.09 | 3.6 | 0.20 |
| 09-04-04 | 44 | 558,000 | 1,211,438 | 2.20 | 0.95 | 1.07 | 6.9 | 0.10 | 3.7 | 0.21 |
| 09-04-05 | 44 | 558,000 | 1,211,446 | 2.20 | 0.95 | 1.07 | 6.9 | 0.11 | 3.7 | 0.21 |
| 09-04-06 | 44 | 558,000 | 1,211,446 | 2.20 | 0.95 | 1.07 | 6.9 | 0.13 | 3.8 | 0.22 |
| 09-04-07 | 44 | 666,000 | 1,091,993 | 2.20 | 0.96 | 1.08 | 6.9 | 0.11 | 3.4 | 0.19 |
| 09-04-08 | 44 | 639,000 | 1,235,451 | 2.20 | 1.08 | 1.20 | 6.9 | 0.09 | 3.6 | 0.22 |
| 09-04-09 | 44 | 646,000 | 1,268,209 | 2.20 | 1.21 | 1.33 | 6.9 | 0.09 | 3.6 | 0.21 |
| 09-04-10 | 46 | 636,000 | 1,053,767 | 2.20 | 1.16 | 1.29 | 6.9 | 0.11 | 4.0 | 0.32 |
| 09-04-11 | 46 | 531,000 | 1,212,003 | 2.20 | 1.17 | 1.28 | 6.9 | 0.11 | 3.9 | 0.33 |
| 09-04-12 | 46 | 531,000 | 1,212,003 | 2.20 | 1.17 | 1.26 | 6.9 | 0.11 | 3.7 | 0.33 |
| 09-04-13 | 46 | 623,000 | 1,212,003 | 2.20 | 1.18 | 1.24 | 6.8 | 0.11 | 3.6 | 0.33 |
| 09-04-14 | 50 | 706,000 | 1,039,773 | 2.20 | 1.15 | 1.24 | 6.9 | 0.11 | 3.6 | 0.30 |
| 09-04-15 | 48 | 755,000 | 1,421,312 | 2.20 | 1.02 | 1.08 | 6.8 | 0.10 | 3.6 | 0.30 |
| 09-04-16 | 48 | 572,000 | 1,080,441 | 2.20 | 1.07 | 1.17 | 6.9 | 0.09 | 3.6 | 0.40 |
| 09-04-17 | 50 | 620,000 | 1,312,845 | 2.20 | 1.04 | 1.16 | 6.7 | 0.09 | 3.5 | 0.21 |
| 09-04-18 | 49 | 596,000 | 1,147,302 | 2.20 | 1.02 | 1.15 | 6.7 | 0.09 | 3.5 | 0.21 |
| 09-04-19 | 48 | 586,000 | 1,147,302 | 2.20 | 1.00 | 1.14 | 6.7 | 0.10 | 3.6 | 0.22 |
| 09-04-20 | 46 | 586,000 | 1,147,302 | 2.20 | 0.99 | 1.13 | 6.8 | 0.10 | 3.6 | 0.22 |
| 09-04-21 | 48 | 725,000 | 929,727 | 2.20 | 1.11 | 1.21 | 6.8 | 0.09 | 2.9 | 0.14 |
| 09-04-22 | 51 | 711,000 | 1,081,223 | 2.20 | 1.01 | 1.22 | 6.7 | 0.10 | 2.8 | 0.23 |
| 09-04-23 | 50 | 626,000 | 1,214,531 | 2.20 | 1.09 | 1.22 | 6.8 | 0.10 | 3.0 | 0.23 |
| 09-04-24 | 48 | 695,000 | 964,596 | 2.20 | 1.18 | 1.25 | 6.9 | 0.11 | 4.9 | 0.26 |
| 09-04-25 | 44 | 644,000 | 1,037,048 | 2.20 | 1.16 | 1.24 | 6.9 | 0.12 | 5.2 | 0.25 |
| 09-04-26 | 44 | 644,000 | 1,037,048 | 2.20 | 1.13 | 1.23 | 6.9 | 0.13 | 5.4 | 0.23 |
| 09-04-27 | 44 | 644,000 | 1,037,048 | 2.20 | 1.11 | 1.22 | 6.8 | 0.14 | 5.6 | 0.21 |
| 09-04-28 | 44 | 635,000 | 1,264,490 | 2.20 | 1.00 | 1.12 | 6.8 | 0.13 | 5.6 | 0.26 |
| 09-04-29 | 46 | 527,000 | 1,109,713 | 2.20 | 1.00 | 1.10 | 6.8 | 0.14 | 5.6 | 0.27 |
| 09-04-30 | 44 | 575,000 | 1,234,607 | 2.20 | 1.05 | 1.11 | 6.8 | 0.19 | 3.6 | 0.32 |
| 09-05-01 | 44 | 653,000 | 1,288,765 | 2.20 | 1.05 | 1.18 | 6.8 | 0.16 | 5.4 | 0.46 |
| 09-05-02 | 42 | 631,000 | 1,163,746 | 2.20 | 1.09 | 1.20 | 6.9 | 0.18 | 5.0 | 0.42 |
| 09-05-03 | 42 | 631,000 | 1,163,746 | 2.20 | 1.13 | 1.22 | 6.9 | 0.20 | 4.5 | 0.40 |
| 09-05-04 | 42 | 631,000 | 1,163,746 | 2.20 | 1.19 | 1.25 | 6.9 | 0.21 | 4.0 | 0.39 |
| 09-05-05 | 40 | 645,000 | 1,201,795 | 2.20 | 0.94 | 0.99 | 6.8 | 0.18 | 4.3 | 0.22 |
| 09-05-06 | 40 | 659,000 | 1,225,721 | 2.20 | 0.88 | 0.90 | 6.8 | 0.16 | 4.7 | 0.22 |
| 09-05-07 | 39 | 600,000 | 991,020 | 2.20 | 1.09 | 1.15 | 6.8 | 0.16 | 4.5 | 0.22 |
| 09-05-08 | 40 | 634,000 | 1,245,490 | 2.20 | 0.84 | 0.89 | 7.0 | 0.15 | 4.8 | 0.29 |
| 09-05-09 | 38 | 546,000 | 1,200,210 | 2.20 | 0.88 | 0.92 | 6.9 | 0.15 | 5.0 | 0.29 |
| 09-05-10 | 38 | 546,000 | 1,200,210 | 2.20 | 0.92 | 0.95 | 6.9 | 0.16 | 5.3 | 0.29 |
| 09-05-11 | 38 | 546,000 | 1,200,210 | 2.20 | 0.96 | 0.99 | 6.8 | 0.16 | 5.6 | 0.29 |
| 09-05-12 | 37 | 523,000 | 1,188,426 | 2.20 | 0.93 | 0.99 | 7.0 | 0.18 | 5.8 | 0.35 |
| 09-05-13 | 37 | 604,000 | 1,251,219 | 2.20 | 1.08 | 1.19 | 7.0 | 0.13 | 5.0 | 0.26 |
| 09-05-14 | 38 | 625,000 | 1,071,831 | 2.20 | 0.90 | 1.01 | 6.8 | 0.12 | 6.0 | 0.23 |
| 09-05-15 | 36 | 645,000 | 1,347,050 | 2.20 | 0.90 | 1.00 | 6.9 | 0.11 | 6.4 | 0.20 |
| 09-05-16 | 36 | 430,000 | 1,111,396 | 2.20 | 0.89 | 0.98 | 6.9 | 0.11 | 6.6 | 0.30 |
| 09-05-17 | 36 | 430,000 | 1,111,396 | 2.20 | 0.87 | 0.96 | 7.0 | 0.12 | 6.8 | 0.38 |
| 09-05-18 | 36 | 430,000 | 1,111,396 | 2.20 | 0.86 | 0.94 | 7.0 | 0.12 | 6.9 | 0.44 |

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| 09-05-19 | 36 | 348,000 | 1,323,792 | 2.20 | 1.01 | 1.09 | 6.9 | 0.21 | 6.6 | 0.24 |
| 09-05-20 | 36 | 1,050,000 | 1,152,883 | 2.20 | 0.95 | 1.03 | 6.9 | 0.14 | 7.1 | 0.33 |
| 09-05-21 | 38 | 454,000 | 1,111,351 | 2.20 | 0.90 | 0.97 | 6.8 | 0.12 | 6.8 | 0.12 |
| 09-05-22 | 37 | 566,000 | 1,268,571 | 2.20 | 0.96 | 1.04 | 6.9 | 0.10 | 6.9 | 0.10 |
| 09-05-23 | 34 | 501,000 | 1,200,311 | 2.20 | 0.96 | 1.02 | 6.9 | 0.12 | 7.2 | 0.20 |
| 09-05-24 | 34 | 501,000 | 1,200,311 | 2.20 | 0.96 | 1.02 | 6.9 | 0.13 | 7.4 | 0.30 |
| 09-05-25 | 34 | 501,000 | 1,200,311 | 2.20 | 0.96 | 1.02 | 6.9 | 0.15 | 7.6 | 0.39 |
| 09-05-26 | 36 | 609,000 | 1,162,393 | 2.20 | 1.04 | 1.05 | 6.8 | 0.12 | 7.8 | 0.32 |
| 09-05-27 | 36 | 476,000 | 1,054,708 | 2.20 | 1.01 | 1.08 | 6.9 | 0.12 | 7.8 | 0.18 |
| 09-05-28 | 36 | 548,000 | 1,287,416 | 2.20 | 1.01 | 1.08 | 6.9 | 0.11 | 8.1 | 0.29 |
| 09-05-29 | 36 | 486,000 | 1,250,254 | 2.20 | 0.92 | 1.03 | 6.8 | 0.12 | 8.1 | 0.28 |
| 09-05-30 | 34 | 367,000 | 1,195,695 | 2.20 | 0.85 | 0.98 | 6.9 | 0.12 | 8.3 | 0.30 |
| 09-05-31 | 34 | 367,000 | 1,195,695 | 2.20 | 0.78 | 0.93 | 6.9 | 0.12 | 8.4 | 0.31 |
| 09-06-01 | 34 | 367,000 | 1,195,695 | 2.20 | 0.73 | 0.85 | 6.9 | 0.12 | 8.5 | 0.32 |
| 09-06-02 | 32 | 377,000 | 1,124,900 | 2.20 | 0.93 | 1.04 | 6.9 | 0.14 | 8.6 | 0.41 |
| 09-06-03 | 32 | 422,000 | 1,338,353 | 2.20 | 0.91 | 0.98 | 6.9 | 0.15 | 5.8 | 0.23 |
| 09-06-04 | 32 | 296,000 | 1,057,217 | 2.20 | 0.84 | 0.92 | 6.9 | 0.14 | 8.7 | 0.36 |
| 09-06-05 | 32 | 476,000 | 1,452,672 | 2.20 | 1.06 | 1.15 | 6.9 | 0.15 | 8.7 | 0.25 |
| 09-06-06 | 32 | 331,000 | 1,205,325 | 2.20 | 1.04 | 1.10 | 6.9 | 0.16 | 8.9 | 0.28 |
| 09-06-07 | 32 | 331,000 | 1,205,325 | 2.20 | 1.02 | 1.06 | 6.9 | 0.16 | 9.0 | 0.31 |
| 09-06-08 | 32 | 331,000 | 1,205,325 | 2.20 | 1.01 | 1.02 | 6.9 | 0.17 | 9.1 | 0.34 |
| 09-06-09 | 31 | 323,000 | 1,020,096 | 2.20 | 1.02 | 1.07 | 7.0 | 0.19 | 9.2 | 0.36 |
| 09-06-10 | 30 | 393,000 | 1,372,760 | 2.20 | 0.92 | 0.96 | 6.9 | 0.19 | 9.3 | 0.28 |
| 09-06-11 | 30 | 382,000 | 1,187,454 | 2.20 | 0.96 | 0.99 | 6.9 | 0.17 | 9.3 | 0.35 |
| 09-06-12 | 30 | 398,000 | 1,011,348 | 2.20 | 1.01 | 1.06 | 6.9 | 0.19 | 9.4 | 0.25 |
| 09-06-13 | 29 | 377,000 | 1,177,148 | 2.20 | 1.05 | 1.16 | 6.9 | 0.20 | 9.4 | 0.28 |
| 09-06-14 | 29 | 377,000 | 1,177,148 | 2.20 | 1.09 | 1.27 | 6.9 | 0.21 | 9.5 | 0.31 |
| 09-06-15 | 28 | 377,000 | 1,177,148 | 2.20 | 1.13 | 1.35 | 6.9 | 0.22 | 9.5 | 0.35 |
| 09-06-16 | 28 | 294,000 | 1,110,007 | 2.20 | 0.96 | 1.06 | 6.9 | 0.22 | 9.4 | 0.30 |
| 09-06-17 | 28 | 388,000 | 1,207,570 | 2.20 | 0.88 | 0.99 | 6.9 | 0.27 | 9.8 | 0.27 |
| 09-06-18 | 28 | 382,000 | 1,182,300 | 2.20 | 0.91 | 1.08 | 6.9 | 0.22 | 10.1 | 0.27 |
| 09-06-19 | 28 | 358,000 | 1,209,729 | 2.20 | 1.08 | 1.18 | 6.9 | 0.22 | 10.5 | 0.27 |
| 09-06-20 | 32 | 339,000 | 0 | 2.20 | 1.09 | 1.16 | 6.8 | 0.21 | 10.5 | 0.29 |
| 09-06-21 | 32 | 339,000 | 0 | 2.20 | 1.10 | 1.14 | 6.8 | 0.21 | 10.5 | 0.31 |
| 09-06-22 | 32 | 339,000 | 0 | 2.20 | 1.11 | 1.12 | 6.8 | 0.21 | 10.5 | 0.33 |
| 09-06-23 | 32 | 421,000 | 0 | 2.20 | 1.20 | 1.22 | 6.7 | 0.23 | 11.0 | 0.28 |
| 09-06-24 | 37 | 430,000 | 0 | 2.20 | 1.15 | 1.24 | 6.7 | 0.22 | 10.9 | 0.36 |
| 09-06-25 | 44 | 371,000 | 1,426,772 | 2.20 | 1.16 | 1.21 | 6.7 | 0.17 | 10.5 | 0.26 |
| 09-06-26 | 44 | 416,000 | 1,250,093 | 2.20 | 1.01 | 1.16 | 6.7 | 0.16 | 10.2 | 0.28 |
| 09-06-27 | 44 | 416,000 | 1,250,093 | 2.20 | 1.01 | 1.16 | 6.7 | 0.16 | 10.2 | 0.28 |
| 09-06-28 | 44 | 416,000 | 1,250,093 | 2.20 | 1.01 | 1.06 | 6.7 | 0.16 | 10.2 | 0.28 |
| 09-06-29 | 36 | 553,000 | 1,311,263 | 2.20 | 0.86 | 0.91 | 6.8 | 0.19 | 11.3 | 0.50 |
| 09-06-30 | 36 | 328,000 | 1,026,938 | 2.20 | 0.82 | 1.01 | 6.8 | 0.21 | 10.9 | 0.22 |
| 09-07-01 | 36 | 328,000 | 1,026,938 | 2.20 | 0.82 | 1.01 | 6.8 | 0.21 | 10.9 | 0.22 |
| 09-07-02 | 34 | 366,000 | 1,209,625 | 2.20 | 0.80 | 0.89 | 6.8 | 0.21 | 11.3 | 0.37 |
| 09-07-03 | 34 | 397,000 | 1,235,732 | 2.20 | 0.87 | 0.98 | 6.8 | 0.24 | 11.4 | 0.27 |
| 09-07-04 | 34 | 397,000 | 1,235,732 | 2.20 | 0.97 | 1.08 | 6.9 | 0.26 | 11.5 | 0.33 |
| 09-07-05 | 34 | 497,000 | 1,235,732 | 2.20 | 1.07 | 1.18 | 7.0 | 0.27 | 11.6 | 0.37 |
| 09-07-06 | 30 | 343,000 | 1,235,691 | 2.20 | 1.17 | 1.28 | 7.1 | 0.28 | 11.7 | 0.42 |

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| 09-07-07 | 30 | 340,000 | 1,213,652 | 2.20 | 0.85 | 0.89 | 6.9 | 0.27 | 12.0 | 0.58 |
| 09-07-08 | 29 | 440,000 | 1,074,802 | 2.20 | 0.96 | 0.98 | 6.8 | 0.24 | 12.6 | 0.31 |
| 09-07-09 | 29 | 343,000 | 1,314,952 | 2.20 | 0.73 | 0.74 | 6.8 | 0.23 | 12.0 | 0.35 |
| 09-07-10 | 30 | 405,000 | 1,077,230 | 2.20 | 0.88 | 0.95 | 6.9 | 0.27 | 12.5 | 0.32 |
| 09-07-11 | 28 | 371,000 | 1,219,970 | 2.20 | 0.85 | 0.93 | 6.9 | 0.28 | 12.6 | 0.33 |
| 09-07-12 | 26 | 371,000 | 1,219,970 | 2.20 | 0.83 | 0.91 | 6.9 | 0.29 | 12.7 | 0.34 |
| 09-07-13 | 25 | 371,000 | 1,219,970 | 2.20 | 0.81 | 0.90 | 6.9 | 0.30 | 12.8 | 0.36 |
| 09-07-14 | 24 | 299,000 | 1,264,295 | 2.20 | 0.82 | 0.94 | 6.9 | 0.31 | 12.8 | 0.33 |
| 09-07-15 | 24 | 395,000 | 1,472,344 | 2.20 | 0.86 | 0.97 | 6.9 | 0.29 | 13.3 | 0.37 |
| 09-07-16 | 24 | 394,000 | 1,228,587 | 2.20 | 0.86 | 0.99 | 7.0 | 0.34 | 13.6 | 0.36 |
| 09-07-17 | 24 | 394,000 | 1,228,587 | 2.20 | 0.80 | 0.89 | 7.0 | 0.34 | 13.4 | 0.33 |
| 09-07-18 | 27 | 369,000 | 1,300,000 | 2.20 | 0.65 | 0.79 | 7.0 | 0.34 | 13.2 | 0.29 |
| 09-07-19 | 27 | 369,000 | 1,300,000 | 2.20 | 0.80 | 0.97 | 7.0 | 0.34 | 13.3 | 0.29 |
| 09-07-20 | 26 | 463,000 | 1,482,305 | 2.20 | 1.02 | 1.14 | 7.0 | 0.35 | 13.4 | 0.28 |
| 09-07-21 | 25 | 469,000 | 1,187,710 | 2.20 | 0.97 | 1.10 | 7.0 | 0.38 | 13.2 | 0.25 |
| 09-07-22 | 23 | 405,000 | 1,435,568 | 2.20 | 1.09 | 1.21 | 7.0 | 0.41 | 13.6 | 0.36 |
| 09-07-23 | 24 | 363,000 | 1,354,472 | 2.20 | 0.96 | 1.16 | 7.0 | 0.41 | 14.0 | 0.36 |
| 09-07-24 | 34 | 295,000 | 1,357,940 | 2.20 | 0.97 | 1.16 | 7.0 | 0.42 | 14.0 | 0.31 |
| 09-07-25 | 25 | 383,000 | 1,382,119 | 2.20 | 0.99 | 1.18 | 7.0 | 0.43 | 13.9 | 0.31 |
| 09-07-26 | 25 | 383,000 | 1,382,119 | 2.20 | 1.02 | 1.19 | 7.0 | 0.43 | 13.9 | 0.31 |
| 09-07-27 | 25 | 383,000 | 1,382,119 | 2.20 | 1.05 | 1.20 | 7.0 | 0.44 | 13.8 | 0.31 |
| 09-07-28 | 23 | 282,000 | 1,268,919 | 2.20 | 0.94 | 1.06 | 7.0 | 0.45 | 13.2 | 0.25 |
| 09-07-29 | 24 | 304,000 | 1,182,582 | 2.20 | 1.10 | 1.24 | 7.0 | 0.43 | 13.8 | 0.39 |
| 09-07-30 | 24 | 439,000 | 1,343,000 | 2.20 | 0.94 | 1.07 | 7.0 | 0.45 | 13.7 | 0.35 |
| 09-07-31 | 23 | 310,000 | 1,349,159 | 2.20 | 1.12 | 1.25 | 6.9 | 0.46 | 14.0 | 0.37 |
| 09-08-01 | 23 | 497,000 | 1,751,968 | 2.20 | 0.98 | 1.10 | 7.0 | 0.46 | 14.5 | 0.37 |
| 09-08-02 | 23 | 359,000 | 1,458,796 | 2.20 | 0.93 | 1.02 | 6.9 | 0.50 | 14.5 | 0.44 |
| 09-08-03 | 23 | 288,000 | 1,044,951 | 2.20 | 0.89 | 1.09 | 7.0 | 0.50 | 14.6 | 0.41 |
| 09-08-04 | 25 | 493,000 | 1,166,559 | 2.20 | 0.97 | 1.09 | 7.0 | 0.48 | 14.6 | 0.39 |
| 09-08-05 | 23 | 412,000 | 1,378,339 | 2.20 | 1.02 | 1.12 | 7.0 | 0.45 | 13.9 | 0.38 |
| 09-08-06 | 22 | 332,000 | 1,399,090 | 2.20 | 0.88 | 0.99 | 7.0 | 0.49 | 13.6 | 0.42 |
| 09-08-07 | 24 | 420,000 | 1,383,058 | 2.20 | 0.93 | 1.02 | 6.9 | 0.49 | 14.0 | 0.38 |
| 09-08-08 | 21 | 339,000 | 1,348,472 | 2.20 | 0.91 | 1.04 | 6.9 | 0.49 | 14.1 | 0.39 |
| 09-08-09 | 21 | 339,000 | 1,348,472 | 2.20 | 0.89 | 1.06 | 6.9 | 0.50 | 14.2 | 0.39 |
| 09-08-10 | 21 | 389,000 | 1,348,472 | 2.20 | 0.88 | 1.07 | 7.0 | 0.50 | 14.4 | 0.40 |
| 09-08-11 | 22 | 292,000 | 1,242,764 | 2.20 | 1.06 | 1.14 | 7.0 | 0.50 | 14.8 | 0.34 |
| 09-08-12 | 24 | 390,000 | 1,240,768 | 2.20 | 1.01 | 1.11 | 7.0 | 0.52 | 14.6 | 0.33 |
| 09-08-13 | 24 | 367,000 | 1,340,693 | 2.20 | 1.00 | 1.00 | 7.1 | 0.50 | 14.9 | 0.40 |
| 09-08-14 | 23 | 346,000 | 1,326,482 | 2.20 | 0.96 | 1.06 | 7.0 | 0.50 | 15.1 | 0.22 |
| 09-08-15 | 21 | 386,000 | 1,381,266 | 2.20 | 0.95 | 1.02 | 7.0 | 0.49 | 15.1 | 0.25 |
| 09-08-16 | 21 | 386,000 | 1,381,266 | 2.20 | 0.93 | 0.98 | 6.9 | 0.49 | 15.2 | 0.27 |
| 09-08-17 | 21 | 386,000 | 1,381,266 | 2.20 | 0.91 | 0.94 | 6.9 | 0.49 | 15.2 | 0.29 |
| 09-08-18 | 25 | 377,000 | 1,014,386 | 2.20 | 0.82 | 1.02 | 7.0 | 0.51 | 15.4 | 0.38 |
| 09-08-19 | 22 | 310,000 | 1,267,107 | 2.20 | 0.87 | 0.94 | 7.0 | 0.49 | 14.9 | 0.25 |
| 09-08-20 | 22 | 331,000 | 1,304,625 | 2.20 | 0.70 | 0.83 | 7.0 | 0.50 | 14.8 | 0.29 |
| 09-08-21 | 22 | 469,000 | 1,339,039 | 2.20 | 0.74 | 0.79 | 7.1 | 0.48 | 15.2 | 0.24 |
| 09-08-22 | 23 | 325,000 | 1,367,772 | 2.20 | 0.81 | 0.88 | 7.0 | 0.49 | 15.1 | 0.25 |
| 09-08-23 | 23 | 325,000 | 1,367,772 | 2.20 | 0.88 | 0.97 | 7.0 | 0.49 | 15.1 | 0.26 |
| 09-08-24 | 23 | 325,000 | 1,367,772 | 2.20 | 0.96 | 1.06 | 7.0 | 0.50 | 15.0 | 0.27 |

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| 09-08-25 | 25 | 358,000 | 1,148,960 | 2.20 | 0.77 | 0.85 | 7.1 | 0.55 | 15.0 | 0.30 |
| 09-08-26 | 22 | 407,000 | 1,278,793 | 2.20 | 0.93 | 1.03 | 6.9 | 0.55 | 14.8 | 0.22 |
| 09-08-27 | 22 | 377,000 | 1,342,968 | 2.20 | 0.91 | 1.03 | 6.9 | 0.58 | 14.6 | 0.24 |
| 09-08-28 | 23 | 378,000 | 1,325,071 | 2.20 | 0.98 | 1.08 | 6.9 | 0.58 | 16.0 | 0.23 |
| 09-08-29 | 24 | 395,000 | 1,221,416 | 2.20 | 1.00 | 1.08 | 6.9 | 0.56 | 15.4 | 0.26 |
| 09-08-30 | 24 | 395,000 | 1,221,416 | 2.20 | 1.03 | 1.08 | 6.9 | 0.56 | 14.9 | 0.29 |
| 09-08-31 | 24 | 395,000 | 1,221,416 | 2.20 | 1.06 | 1.08 | 6.9 | 0.54 | 14.3 | 0.33 |
| 09-09-01 | 24 | 391,000 | 1,334,435 | 2.20 | 0.97 | 0.99 | 7.0 | 0.56 | 14.6 | 0.22 |
| 09-09-02 | 26 | 377,000 | 1,285,967 | 2.20 | 1.06 | 1.04 | 7.0 | 0.57 | 14.8 | 0.29 |
| 09-09-03 | 24 | 368,000 | 1,333,621 | 2.20 | 0.97 | 1.10 | 7.0 | 0.56 | 15.3 | 0.21 |
| 09-09-04 | 23 | 365,000 | 1,103,851 | 2.20 | 0.98 | 1.05 | 7.0 | 0.57 | 15.0 | 0.21 |
| 09-09-05 | 23 | 379,000 | 1,384,670 | 2.20 | 0.96 | 1.03 | 7.0 | 0.56 | 15.2 | 0.23 |
| 09-09-06 | 23 | 379,000 | 1,384,670 | 2.20 | 0.94 | 1.02 | 7.1 | 0.56 | 15.5 | 0.26 |
| 09-09-07 | 24 | 304,000 | 1,061,330 | 2.20 | 0.96 | 1.08 | 7.0 | 0.54 | 15.6 | 0.29 |
| 09-09-08 | 24 | 304,000 | 1,061,330 | 2.20 | 0.99 | 1.15 | 6.9 | 0.52 | 15.8 | 0.32 |
| 09-09-09 | 22 | 458,000 | 1,244,058 | 2.20 | 0.97 | 1.03 | 7.1 | 0.46 | 15.5 | 0.21 |
| 09-09-10 | 24 | 438,000 | 1,372,503 | 2.20 | 0.98 | 1.00 | 7.1 | 0.49 | 15.3 | 0.27 |
| 09-09-11 | 24 | 387,000 | 1,167,023 | 2.20 | 1.05 | 1.14 | 7.0 | 0.48 | 14.7 | 0.37 |
| 09-09-12 | 23 | 374,000 | 1,203,950 | 2.20 | 1.06 | 1.14 | 7.1 | 0.48 | 15.0 | 0.32 |
| 09-09-13 | 23 | 374,000 | 1,203,950 | 2.20 | 1.06 | 1.14 | 7.1 | 0.48 | 15.2 | 0.27 |
| 09-09-14 | 23 | 374,000 | 1,203,950 | 2.20 | 1.06 | 1.14 | 7.1 | 0.48 | 15.5 | 0.23 |
| 09-09-15 | 24 | 373,000 | 1,222,242 | 2.20 | 1.06 | 1.18 | 6.9 | 0.48 | 15.1 | 0.22 |
| 09-09-16 | 23 | 322,000 | 1,096,965 | 2.20 | 1.06 | 1.13 | 7.0 | 0.49 | 14.9 | 0.29 |
| 09-09-17 | 25 | 461,000 | 1,347,298 | 2.20 | 0.90 | 1.10 | 7.0 | 0.50 | 14.9 | 0.14 |
| 09-09-18 | 24 | 310,000 | 1,357,660 | 2.20 | 1.10 | 1.16 | 6.9 | 0.50 | 15.3 | 0.27 |
| 09-09-19 | 24 | 304,000 | 1,259,474 | 2.20 | 1.06 | 1.12 | 7.0 | 0.49 | 15.1 | 0.25 |
| 09-09-20 | 24 | 304,000 | 1,259,474 | 2.20 | 1.02 | 1.08 | 7.0 | 0.49 | 15.0 | 0.22 |
| 09-09-21 | 24 | 304,000 | 1,259,474 | 2.20 | 0.97 | 1.05 | 7.0 | 0.48 | 14.9 | 0.18 |
| 09-09-22 | 25 | 414,000 | 1,047,713 | 2.20 | 0.99 | 1.05 | 7.1 | 0.51 | 15.0 | 0.36 |
| 09-09-23 | 25 | 321,000 | 1,151,352 | 2.20 | 0.98 | 1.11 | 7.1 | 0.48 | 15.3 | 0.27 |
| 09-09-24 | 25 | 434,000 | 1,307,591 | 2.20 | 1.04 | 1.15 | 7.0 | 0.46 | 15.3 | 0.29 |
| 09-09-25 | 26 | 389,000 | 1,187,330 | 2.20 | 0.98 | 1.06 | 7.0 | 0.47 | 14.9 | 0.16 |
| 09-09-26 | 24 | 350,000 | 1,233,789 | 2.20 | 0.96 | 1.05 | 7.0 | 0.46 | 14.8 | 0.22 |
| 09-09-27 | 24 | 350,000 | 1,233,789 | 2.20 | 0.96 | 1.05 | 7.0 | 0.46 | 14.8 | 0.28 |
| 09-09-28 | 24 | 350,000 | 1,233,789 | 2.20 | 0.94 | 1.04 | 7.0 | 0.45 | 14.7 | 0.35 |
| 09-09-29 | 24 | 412,000 | 1,083,501 | 2.20 | 0.96 | 1.00 | 7.0 | 0.42 | 14.5 | 0.26 |
| 09-09-30 | 25 | 406,000 | 1,311,058 | 2.20 | 1.13 | 1.21 | 7.0 | 0.39 | 14.8 | 0.26 |
| 09-10-01 | 24 | 362,000 | 1,132,850 | 2.20 | 1.02 | 1.16 | 7.0 | 0.41 | 14.5 | 0.24 |
| 09-10-02 | 24 | 445,000 | 1,250,000 | 2.20 | 1.04 | 1.18 | 6.9 | 0.41 | 14.5 | 0.36 |
| 09-10-03 | 29 | 446,000 | 1,149,777 | 2.20 | 1.16 | 1.28 | 6.9 | 0.40 | 14.4 | 0.33 |
| 09-10-04 | 29 | 446,000 | 1,149,777 | 2.20 | 1.30 | 1.38 | 6.9 | 0.39 | 14.4 | 0.29 |
| 09-10-05 | 29 | 440,000 | 1,149,777 | 2.20 | 1.52 | 1.55 | 7.1 | 0.38 | 14.3 | 0.24 |
| 09-10-06 | 28 | 593,000 | 1,212,154 | 2.20 | 1.39 | 1.46 | 7.1 | 0.34 | 14.2 | 0.23 |
| 09-10-07 | 28 | 366,000 | 1,142,213 | 2.20 | 1.20 | 1.32 | 7.0 | 0.34 | 14.0 | 0.26 |
| 09-10-08 | 26 | 394,000 | 1,230,075 | 2.20 | 1.16 | 1.26 | 7.1 | 0.34 | 14.0 | 0.20 |
| 09-10-09 | 28 | 300,000 | 1,277,121 | 2.20 | 1.27 | 1.30 | 7.1 | 0.32 | 13.9 | 0.40 |
| 09-10-10 | 29 | 354,000 | 1,057,963 | 2.20 | 1.13 | 1.18 | 7.1 | 0.33 | 11.9 | 0.26 |
| 09-10-11 | 25 | 438,000 | 1,215,696 | 2.20 | 1.14 | 1.20 | 7.1 | 0.32 | 12.3 | 0.24 |
| 09-10-12 | 25 | 438,000 | 1,215,696 | 2.20 | 1.15 | 1.21 | 7.0 | 0.32 | 12.8 | 0.22 |

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| 09-10-13 | 25 | 428,000 | 1,215,696 | 2.20 | 1.17 | 1.22 | 7.0 | 0.31 | 13.4 | 0.20 |
| 09-10-14 | 27 | 474,000 | 1,187,214 | 2.20 | 1.20 | 1.33 | 7.0 | 0.29 | 13.1 | 0.33 |
| 09-10-15 | 27 | 316,000 | 1,244,239 | 2.20 | 1.14 | 1.26 | 7.0 | 0.29 | 13.0 | 0.28 |
| 09-10-16 | 25 | 381,000 | 1,328,618 | 2.20 | 1.05 | 1.22 | 7.0 | 0.31 | 12.7 | 0.30 |
| 09-10-17 | 25 | 367,000 | 1,145,633 | 2.20 | 1.04 | 1.18 | 6.9 | 0.30 | 12.7 | 0.27 |
| 09-10-18 | 25 | 367,000 | 1,145,633 | 2.20 | 1.02 | 1.40 | 6.9 | 0.29 | 12.7 | 0.24 |
| 09-10-19 | 25 | 367,000 | 1,145,633 | 2.20 | 1.00 | 1.10 | 6.9 | 0.27 | 12.7 | 0.22 |
| 09-10-20 | 24 | 414,000 | 1,251,051 | 2.20 | 1.01 | 1.12 | 7.0 | 0.26 | 12.8 | 0.33 |
| 09-10-21 | 25 | 357,000 | 872,435 | 2.20 | 1.29 | 1.36 | 6.9 | 0.27 | 12.7 | 0.17 |
| 09-10-22 | 24 | 390,000 | 1,257,134 | 2.20 | 1.29 | 1.45 | 7.1 | 0.28 | 12.0 | 0.28 |
| 09-10-23 | 26 | 438,000 | 1,213,553 | 2.20 | 1.25 | 1.52 | 7.0 | 0.25 | 11.7 | 0.41 |
| 09-10-24 | 27 | 439,000 | 1,117,655 | 2.20 | 1.27 | 1.50 | 7.0 | 0.23 | 11.6 | 0.34 |
| 09-10-25 | 27 | 439,000 | 1,117,655 | 2.20 | 1.29 | 1.48 | 7.1 | 0.22 | 11.6 | 0.28 |
| 09-10-26 | 27 | 439,000 | 1,117,655 | 2.20 | 1.33 | 1.45 | 7.1 | 0.21 | 11.5 | 0.21 |
| 09-10-27 | 29 | 392,000 | 1,266,565 | 2.20 | 1.26 | 1.42 | 7.1 | 0.21 | 11.3 | 0.31 |
| 09-10-28 | 25 | 370,000 | 985,851 | 2.20 | 1.20 | 1.36 | 6.9 | 0.21 | 10.8 | 0.21 |
| 09-10-29 | 26 | 387,000 | 1,199,386 | 2.20 | 1.25 | 1.38 | 6.9 | 0.20 | 10.6 | 0.48 |
| 09-10-30 | 27 | 383,000 | 1,187,439 | 2.20 | 1.25 | 1.38 | 6.9 | 0.20 | 10.4 | 0.15 |
| 09-10-31 | 24 | 358,000 | 1,108,489 | 2.20 | 1.17 | 1.30 | 7.0 | 0.19 | 10.2 | 0.22 |
| 09-11-01 | 24 | 356,000 | 1,108,489 | 2.20 | 1.09 | 1.22 | 7.0 | 0.19 | 10.0 | 0.29 |
| 09-11-02 | 24 | 356,000 | 1,108,489 | 2.20 | 1.01 | 1.13 | 7.0 | 0.18 | 9.8 | 0.35 |
| 09-11-03 | 24 | 356,000 | 832,382 | 2.20 | 1.18 | 1.33 | 7.1 | 0.19 | 9.8 | 0.19 |
| 09-11-04 | 24 | 392,000 | 1,240,773 | 2.20 | 1.23 | 1.38 | 7.0 | 0.18 | 9.8 | 0.19 |
| 09-11-05 | 23 | 402,000 | 1,225,991 | 2.20 | 1.33 | 1.39 | 7.1 | 0.20 | 9.2 | 0.21 |
| 09-11-06 | 24 | 415,000 | 1,162,590 | 2.20 | 1.17 | 1.33 | 7.0 | 0.18 | 9.4 | 0.24 |
| 09-11-07 | 24 | 454,000 | 1,103,795 | 2.20 | 1.11 | 1.27 | 6.9 | 0.17 | 9.3 | 0.27 |
| 09-11-08 | 24 | 454,000 | 1,103,795 | 2.20 | 1.07 | 1.21 | 6.9 | 0.17 | 9.3 | 0.30 |
| 09-11-09 | 24 | 454,000 | 1,103,795 | 2.20 | 1.03 | 1.16 | 6.8 | 0.17 | 9.2 | 0.33 |
| 09-11-10 | 29 | 429,000 | 1,177,015 | 2.20 | 0.99 | 1.08 | 6.9 | 0.15 | 9.2 | 0.17 |
| 09-11-11 | 27 | 403,000 | 1,255,559 | 2.20 | 1.03 | 1.19 | 6.8 | 0.17 | 9.1 | 0.29 |
| 09-11-12 | 25 | 346,000 | 1,298,049 | 2.20 | 1.07 | 1.18 | 6.9 | 0.16 | 8.9 | 0.29 |
| 09-11-13 | 22 | 260,000 | 1,110,146 | 2.20 | 0.97 | 1.04 | 6.9 | 0.16 | 8.8 | 0.26 |
| 09-11-14 | 19 | 229,000 | 1,021,389 | 2.20 | 0.94 | 1.00 | 6.9 | 0.17 | 8.7 | 0.25 |
| 09-11-15 | 19 | 229,000 | 1,021,389 | 2.20 | 0.88 | 0.96 | 6.9 | 0.17 | 8.7 | 0.24 |
| 09-11-16 | 19 | 229,000 | 1,021,389 | 2.20 | 0.83 | 0.93 | 6.9 | 0.18 | 8.6 | 0.22 |
| 09-11-17 | 22 | 302,000 | 1,157,659 | 2.20 | 0.79 | 0.93 | 6.9 | 0.17 | 8.5 | 0.26 |
| 09-11-18 | 23 | 247,000 | 1,128,512 | 2.20 | 0.65 | 0.79 | 7.1 | 0.17 | 8.3 | 0.13 |
| 09-11-19 | 24 | 414,000 | 1,259,832 | 2.20 | 0.87 | 0.93 | 6.9 | 0.16 | 8.5 | 0.33 |
| 09-11-20 | 22 | 276,000 | 1,117,563 | 2.20 | 0.83 | 0.95 | 7.0 | 0.22 | 8.4 | 0.15 |
| 09-11-21 | 28 | 375,000 | 1,001,667 | 2.20 | 0.93 | 1.01 | 6.9 | 0.20 | 8.3 | 0.20 |
| 09-11-22 | 28 | 375,000 | 1,001,667 | 2.20 | 1.03 | 1.15 | 6.9 | 0.17 | 8.3 | 0.25 |
| 09-11-23 | 28 | 375,000 | 1,001,667 | 2.20 | 1.13 | 1.25 | 6.9 | 0.15 | 8.2 | 0.31 |
| 09-11-24 | 28 | 237,000 | 1,307,850 | 2.20 | 1.07 | 1.18 | 6.9 | 0.13 | 10.5 | 0.19 |
| 09-11-25 | 26 | 226,000 | 898,560 | 2.20 | 0.93 | 1.06 | 7.0 | 0.14 | 11.1 | 0.20 |
| 09-11-26 | 22 | 295,000 | 1,117,243 | 2.20 | 1.06 | 1.13 | 6.8 | 0.13 | 12.4 | 0.19 |
| 09-11-27 | 24 | 318,000 | 1,062,039 | 2.20 | 1.08 | 1.18 | 6.8 | 0.13 | 9.4 | 0.29 |
| 09-11-28 | 23 | 241,000 | 1,055,020 | 2.20 | 1.05 | 1.14 | 6.9 | 0.13 | 9.4 | 0.23 |
| 09-11-29 | 21 | 241,000 | 1,055,020 | 2.20 | 1.01 | 1.10 | 6.9 | 0.13 | 9.5 | 0.16 |
| 09-11-30 | 19 | 211,000 | 1,055,020 | 2.20 | 0.98 | 1.06 | 7.0 | 0.13 | 9.5 | 0.11 |

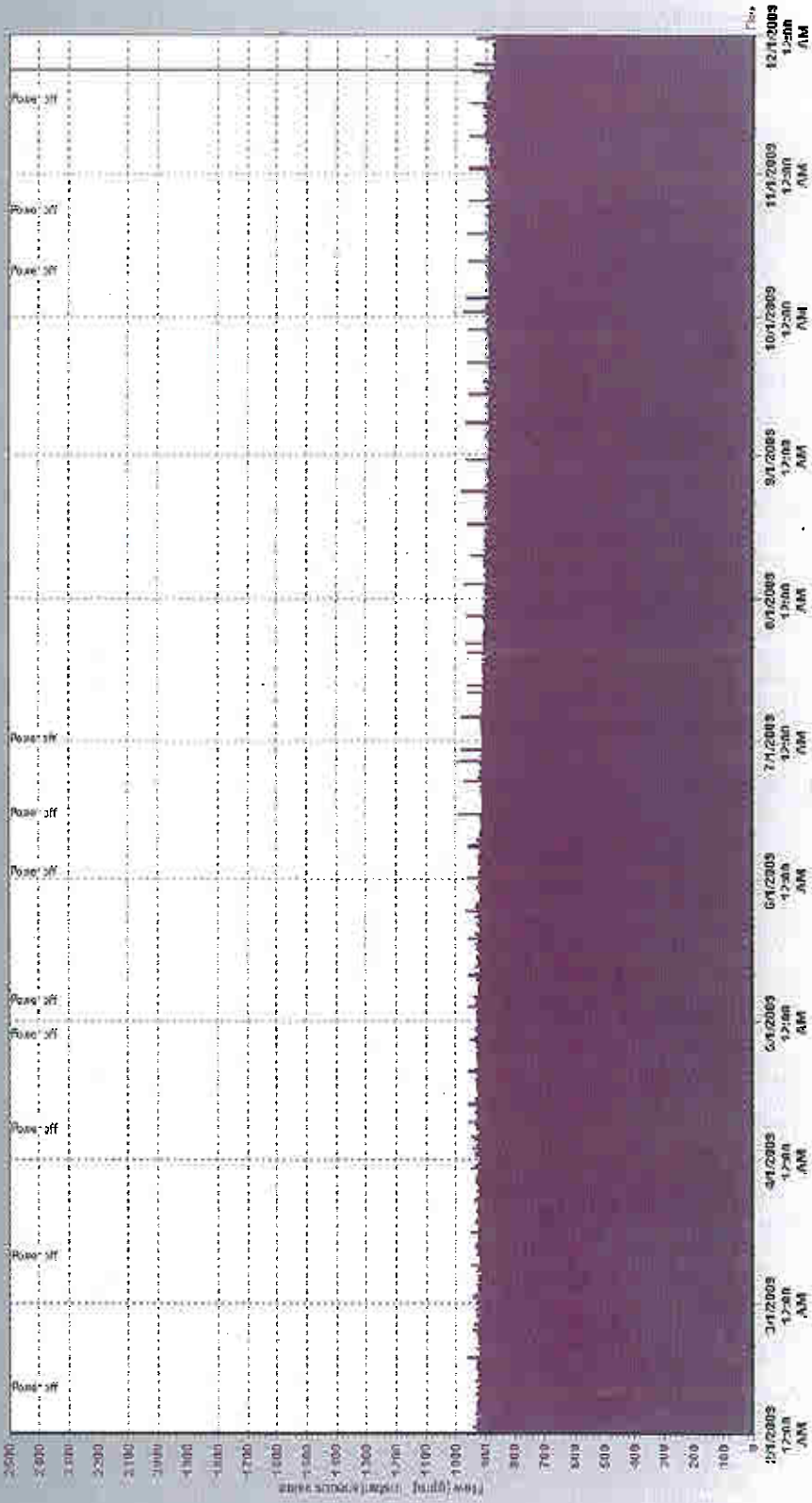
| | | | | | | | | | | |
|----------|----|---------|-----------|------|------|------|-----|------|------|------|
| 09-12-01 | 24 | 266,000 | 1,133,283 | 2.20 | 1.05 | 1.14 | 7.1 | 0.14 | 9.4 | 0.14 |
| 09-12-02 | 20 | 208,000 | 1,076,043 | 2.20 | 1.03 | 1.13 | 6.9 | 0.13 | 9.4 | 0.28 |
| 09-12-03 | 20 | 296,000 | 1,193,789 | 2.20 | 1.01 | 1.16 | 6.8 | 0.13 | 9.1 | 0.24 |
| 09-12-04 | 21 | 263,000 | 974,644 | 2.20 | 1.06 | 1.16 | 7.0 | 0.13 | 9.1 | 0.29 |
| 09-12-05 | 20 | 240,000 | 1,038,028 | 2.20 | 1.01 | 1.11 | 7.0 | 0.14 | 9.5 | 0.29 |
| 09-12-06 | 20 | 230,000 | 1,038,028 | 2.20 | 0.95 | 1.07 | 7.0 | 0.15 | 9.9 | 0.30 |
| 09-12-07 | 20 | 240,000 | 1,038,028 | 2.20 | 0.91 | 1.03 | 7.0 | 0.17 | 10.3 | 0.30 |
| 09-12-08 | 22 | 232,000 | 1,144,376 | 2.20 | 0.90 | 1.05 | 6.8 | 0.13 | 9.5 | 0.25 |
| 09-12-09 | 21 | 269,000 | 1,038,040 | 2.20 | 1.19 | 1.24 | 6.7 | 0.12 | 9.4 | 0.36 |
| 09-12-10 | 22 | 237,000 | 1,153,678 | 2.20 | 1.07 | 1.20 | 6.9 | 0.13 | 9.2 | 0.24 |
| 09-12-11 | 23 | 273,000 | 1,265,658 | 2.20 | 0.94 | 1.07 | 7.0 | 0.13 | 9.0 | 0.42 |
| 09-12-12 | 22 | 230,000 | 1,677,412 | 2.20 | 0.92 | 1.04 | 7.0 | 0.12 | 9.1 | 0.34 |
| 09-12-13 | 22 | 230,000 | 1,677,412 | 2.20 | 0.91 | 1.00 | 7.0 | 0.12 | 9.1 | 0.26 |
| 09-12-14 | 21 | 230,000 | 1,677,412 | 2.20 | 0.89 | 0.97 | 6.9 | 0.12 | 9.2 | 0.19 |
| 09-12-15 | 21 | 257,000 | 1,123,313 | 2.20 | 0.87 | 0.99 | 6.9 | 0.12 | 9.1 | 0.37 |
| 09-12-16 | 21 | 299,000 | 1,087,508 | 2.20 | 0.94 | 1.04 | 6.9 | 0.12 | 9.0 | 0.28 |
| 09-12-17 | 25 | 237,000 | 1,125,164 | 2.20 | 1.12 | 1.18 | 6.9 | 0.13 | 9.7 | 0.22 |
| 09-12-18 | 23 | 315,000 | 1,290,189 | 2.20 | 1.12 | 1.14 | 6.8 | 0.12 | 8.8 | 0.25 |
| 09-12-19 | 23 | 249,000 | 1,159,809 | 2.20 | 1.10 | 1.14 | 6.8 | 0.12 | 8.9 | 0.26 |
| 09-12-20 | 23 | 249,000 | 1,159,809 | 2.20 | 1.08 | 1.14 | 6.8 | 0.12 | 8.9 | 0.26 |
| 09-12-21 | 23 | 249,000 | 1,159,809 | 2.20 | 1.06 | 1.14 | 6.8 | 0.12 | 8.9 | 0.26 |
| 09-12-22 | 23 | 240,000 | 1,291,898 | 2.20 | 1.00 | 1.11 | 6.7 | 0.12 | 8.7 | 0.22 |
| 09-12-23 | 22 | 170,000 | 932,698 | 2.20 | 1.08 | 1.16 | 6.7 | 0.12 | 8.7 | 0.27 |
| 09-12-24 | 21 | 201,000 | 1,109,600 | 2.20 | 1.13 | 1.27 | 6.9 | 0.12 | 8.6 | 0.34 |
| 09-12-25 | 21 | 201,000 | 1,109,600 | 2.20 | 1.13 | 1.27 | 6.9 | 0.12 | 8.6 | 0.34 |
| 09-12-26 | 21 | 201,000 | 1,109,600 | 2.20 | 1.13 | 1.27 | 6.9 | 0.12 | 8.6 | 0.34 |
| 09-12-27 | 21 | 201,000 | 1,109,600 | 2.20 | 1.13 | 1.27 | 6.9 | 0.12 | 8.6 | 0.34 |
| 09-12-28 | 21 | 201,000 | 1,109,600 | 2.20 | 1.13 | 1.27 | 6.9 | 0.12 | 8.6 | 0.34 |
| 09-12-29 | 40 | 240,000 | 1,180,266 | 2.20 | 1.24 | 1.31 | 6.6 | 0.15 | 8.6 | 0.21 |
| 09-12-30 | 40 | 240,000 | 1,180,266 | 2.20 | 1.24 | 1.28 | 6.7 | 0.15 | 6.8 | 0.21 |
| 09-12-31 | 40 | 639,000 | 1,144,932 | 2.20 | 1.04 | 1.26 | 6.7 | 0.15 | 5.9 | 0.05 |

Monthly and Annual flow rates in US gals.

| POTABLE WATER FLOWS / CHEMICAL ADDITION AND PUMP RUNNING HOURS: PER DAY FOR THE YEAR 2007 | | | | | | | | | | | | | |
|---|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|------------|------------------|------------------|
| 2009 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
| Run Hrs/Day | | | | | | | | | | | | | |
| #1 Deepwell Pump | 12.81 | 11.59 | 10.78 | 7.99 | 6.52 | 7.38 | 7.04 | 7.62 | 6.97 | 5.37 | 8.92 | 12.81 | 11.59 |
| #2 Deepwell Pump | 12.81 | 11.59 | 10.78 | 7.99 | 6.17 | 7.37 | 6.94 | 7.62 | 6.97 | 5.35 | 8.88 | 12.81 | 11.59 |
| #3 Deepwell Pump | 0.04 | 0.04 | 0.03 | 0.03 | 0.10 | 0.04 | 0.04 | 0.07 | 0.05 | 0.09 | 0.06 | 0.04 | 0.04 |
| Run Hrs/Day | | | | | | | | | | | | | |
| #1 Booster | 19.99 | 19.73 | 19.17 | 12.23 | 4.13 | 3.28 | 3 | 11.19 | 12.14 | 12.98 | 12.98 | 19.99 | 19.73 |
| #2 Booster | 2.05 | 0.81 | 1.39 | 0.82 | 0.26 | 0.4 | 0.6 | 0.39 | 0.01 | 0.27 | 0.81 | 2.05 | 0.81 |
| Run Hrs/Day | | | | | | | | | | | | | |
| #1 Sewage | 8.31 | 5.07 | 2.11 | 0.01 | 2.99 | 5.01 | 1.54 | 0.01 | 10.61 | 6.8 | 4.73 | 8.31 | 5.07 |
| #2 Sewage | 0 | 0 | 0 | 0 | 5.21 | 3.02 | 7.04 | 10.07 | 0 | 7.1 | 2.70 | 0 | 0 |
| Metered Flow US Gals/Day | | | | | | | | | | | | | |
| #3 Pumphouse OUTPUT | 694,786 | 628,406 | 585,333 | 434,333 | 344,781 | 392,323 | 380,097 | 404,862 | 370,097 | 265,645 | 479,513 | 694,786 | 628,406 |
| Norcat INPUT | 71 | 253 | 616 | 138 | 122 | 139 | 632 | 1,497 | 103 | 335 | 375 | 71 | 253 |
| Town Meter INPUT | 199,846 | 167,425 | 175,000 | 160,000 | 152,000 | 160,000 | 160,000 | 160,000 | 82,365 | 0 | 151,378 | 199,846 | 167,425 |
| Coleman Booster INPUT | 430,800 | 408,768 | 404,195 | 270,854 | 190,647 | 225,601 | 215,680 | 245,775 | 247,368 | 257,183 | 309,150 | 430,800 | 408,768 |
| Wet Shotcrete INPUT | 71 | 265 | 1,253 | 853 | 1 | 0 | 0 | 1 | 0 | 57 | 208 | 71 | 265 |
| Lewack mine FNX INPUT | 57 | 83 | 44 | 53 | 33 | 102 | 196 | 127 | 26 | 60 | 131 | 57 | 83 |
| TOTAL INPUTS | 630,845 | 576,794 | 581,108 | 431,898 | 342,803 | 385,842 | 376,508 | 407,400 | 329,862 | 257,635 | 460,903 | 630,845 | 576,794 |
| OUTPUT % Accounted | 91 | 92 | 99 | 99 | 99 | 98 | 99 | 101 | 89 | 97 | 96 | 91 | 92 |
| US Gals / Day | | | | | | | | | | | | | |
| Coleman Surface | 28,287 | 24,826 | 35,000 | 16,328 | 6,504 | 4,750 | 4,178 | 7,156 | 7,599 | 7,935 | 15,429.83 | 28,287 | 24,826 |
| Coleman Underground | 169,632 | 167,011 | 175,623 | 52,588 | 454 | 3,807 | 3,728 | 12,693 | 22,240 | 23,910 | 78,117.25 | 169,632 | 167,011 |
| TOTAL Coleman | 197,919 | 191,837 | 210,623 | 68,916 | 6,958 | 8,557 | 7,906 | 19,849 | 29,799 | 31,845 | 93,547.08 | 197,919 | 191,837 |
| TOTAL Falconbridge | 198,820 | 182,812 | 164,454 | 172,718 | 155,207 | 194,117 | 183,378 | 205,811 | 189,756 | 183,018 | 186,867 | 198,820 | 182,812 |
| TOTAL Coleman / Falco. | 396,739 | 374,649 | 375,077 | 241,634 | 162,165 | 202,674 | 191,284 | 225,660 | 219,555 | 224,863 | 280,414.00 | 396,739 | 374,649 |
| Coleman / Falco % Accounted | 92 | 92 | 93 | 89 | 85 | 90 | 89 | 92 | 89 | 87 | 90.70 | 92 | 92 |
| Water Temp Range deg C | 4.9 to 3.8 deg.C | 3.8 to 3.5 deg.C | 3.5 to 7.2 deg.C | 7.2 to 10.1 deg.C | 10.1 to 13.6 deg.C | 13.6 to 15.4 deg.C | 15.4 to 14.3 deg.C | 14.3 to 12.7 deg.C | 12.7 to 8.4 deg.C | 8.4 to 8.2 deg.C | 8.33 | 4.9 to 3.8 deg.C | 3.8 to 3.5 deg.C |
| Liters/Day | | | | | | | | | | | | | |
| Javex liters/day | 57.14 | 57.81 | 56.67 | 38 | 46.07 | 47.65 | 15.39 | 63.45 | 26.32 | 39.16 | 45.9 | 57.14 | 57.81 |
| Sodium Hexametaphosphate LITERS / day | 5.36 | 6.25 | 6.17 | 6.03 | 3.17 | 4.71 | 4.03 | 5.66 | 4.74 | 3.97 | 5.2 | 5.36 | 6.25 |
| Caustic Soda Kg/day | 71.07 | 71.53 | 65 | 59.9 | 49.87 | 36.55 | 51.26 | 55.34 | 52.3 | 59.0 | 59.1 | 71.07 | 71.53 |

Instantaneous peak flows in US gals / minute for 2009

Display measured values from data base



Item Flow Meter [Flow from] : instantaneous value

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 2009 was 654 070 US gallons per day. This equates to 326 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 2009 the deep well pumps operated an average of 8.9 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, 2009. (If deemed necessary)