



Item 4

Water Supply Report
Joseph DeMorett

December 16, 2008

Status of Seasonal Wells

UW #6: Out of service

UW #8: Out of service

UW #10: Out of service

UW #17: Out of service

UW #18 is down for rehabilitation.

UW #28: Out of service

UW #29: Out of service

UW #27, normally a seasonal well, remains in service.

UW #18 Well Rehabilitation

The well pump is in the process of being reconditioned. Bids were received for all new column piping (low bid of \$52,449) and will be ordered shortly. Bids were also received for the air bursting process/chemical rehabilitation activities. Water Wells Inc. was the low bidder at \$14,417.

Nakoosa Trail Property

The Phase I Environmental Site Assessment (ESA) of the property located at 4002 Nakoosa Trail was completed on December 4th. The study identified no additional environmental concerns for the property. A copy of the final report will be submitted to the WDNR for review. The study should help WDNR staff in determining whether or not further action is required at this site.

SCADA Update

Plans to convert sites over to the new system are progressing. The Electronics Maintenance Technicians (EMTs) are constructing the new SCADA systems for UW #16, UW #26, UW #28, and BS #128.

Operator Certifications

Three employees took and passed the WDNR Operator Certification tests for Distribution and Groundwater (subclasses D & G) in November. The employees included: Jack Henderson, Dino Lucas, and Joe DeMorett. All of the Utility's Operators (Is & IIs) are now certified with the WDNR.

2008 Unit Well Pumpage by Month
(1000 gallons)

Water Supply

Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec *	Totals
6	0	0	0	0	43,980	28,190	55,230	59,184	49,730	39,480	0	0	275,794
7	36,377	30,542	23,390	17,323	34,317	22,907	25,812	19,378	11,042	15,424	22,263	9,623	268,398
8	0	0	0	0	0	1,426	26,014	57,912	28,324	0	0	0	113,676
9	49,221	44,902	42,930	41,932	45,194	44,897	53,060	56,340	48,541	36,299	41,080	15,610	520,006
10	0	0	0	0	0	0	0	0	474	0	0	0	474
11	70,840	67,380	72,526	74,140	76,710	74,146	75,390	75,950	73,030	67,450	48,661	21,360	797,583
12	54,962	48,242	49,073	45,467	40,920	47,050	57,560	50,092	48,770	47,170	48,500	14,208	552,014
13	64,410	61,492	69,357	71,340	67,060	66,960	72,490	75,720	71,138	67,530	53,003	17,110	757,610
14	69,337	65,765	71,260	67,760	53,470	67,140	71,811	70,434	67,215	68,700	69,030	25,350	767,272
15	79,030	73,901	79,170	68,490	59,930	77,129	79,940	79,730	76,330	76,975	76,590	28,100	855,315
16	36,889	40,925	58,570	69,510	45,450	70,260	54,788	50,271	24,450	13,260	10,340	6,050	480,763
17	0	0	0	842	31,840	46,078	63,760	63,535	63,100	35,450	0	0	304,605
18	13,008	16,242	15,950	18,180	18,210	17,180	16,580	35,440	15,740	12,930	307	0	179,767
19	27,139	42,921	41,957	45,420	35,440	26,670	34,550	30,220	29,900	37,670	59,190	19,010	430,087
20	50,604	42,046	48,210	41,060	45,950	45,160	57,388	57,679	44,872	42,786	38,740	16,880	531,375
23	33,289	28,165	29,449	32,346	33,148	31,060	32,932	31,649	29,662	20,436	18,520	8,347	329,003
24	44,780	41,410	42,351	50,020	45,000	35,230	37,700	36,300	27,880	45,400	49,770	17,530	473,371
25	61,510	64,170	69,618	67,380	70,310	66,811	72,820	75,430	63,950	64,171	51,972	15,520	743,662
26	48,383	25,332	29,070	330	63,050	6,750	73,177	102,580	99,521	106,560	103,670	36,930	695,353
27	0	0	0	0	0	13,750	12,380	25,937	17,900	21,989	45,550	20,949	158,455
28	39,930	48,690	36,590	47,900	30,960	62,960	52,840	42,960	23,787	9,643	0	0	396,260
29	0	0	0	0	0	1,211	910	983	410	0	0	0	3,514
30	69,641	67,860	72,947	72,145	65,996	66,340	66,510	41,740	64,994	66,387	70,690	26,280	751,530
Total	849,350	809,985	852,418	830,413	906,935	918,094	1,092,732	1,138,481	979,876	895,710	807,876	298,857	10,380,727

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* As of 12/11/2008

30+/- Day Pumpage Report (1000 gallons)

Water Supply

Date	2008				2007				5 Year Ave		10 Year Ave			
	Pumpage	Year to Date	Average for Year	Temperature	Precipitation	Average Last Year	Percent Difference	High	Low	Avg	Day	Month	Year	Percent Difference
11/18	25,373	9,768,275	30,242	32	16	24	0.0	1.1	40.4	31,870	-4.6%	31,870	-5.4%	-7.3%
11/19	31,116	9,799,391	30,245	43	30	37	0.0	1.1	40.4	31,854	-4.5%	31,854	-5.3%	-7.3%
11/20	27,568	9,826,959	30,237	32	17	25	0.0	1.1	40.4	31,848	-4.5%	31,848	-5.3%	-7.3%
11/21	28,170	9,855,129	30,230	26	12	19	0.0	1.1	40.4	31,828	-4.5%	31,828	-5.3%	-7.3%
11/22	24,404	9,879,533	30,213	33	14	24	0.0	1.1	40.4	31,803	-4.5%	31,803	-5.3%	-7.3%
11/23	26,914	9,906,447	30,203	40	24	32	0.0	1.1	40.4	31,775	-4.5%	31,775	-5.3%	-7.3%
11/24	22,617	9,929,064	30,180	37	29	33	0.3	1.3	40.6	31,752	-4.5%	31,752	-5.3%	-7.3%
11/25	32,301	9,961,365	30,186	36	24	30	0.0	1.3	40.6	31,731	-4.4%	31,731	-5.3%	-7.2%
11/26	27,096	9,988,461	30,177	41	15	28	0.0	1.3	40.6	31,725	-4.3%	31,725	-5.2%	-7.2%
11/27	24,347	10,012,808	30,159	43	17	30	0.0	1.3	40.6	31,726	-4.4%	31,726	-5.2%	-7.2%
11/28	21,062	10,033,870	30,132	42	20	31	0.0	1.3	40.6	31,703	-4.5%	31,703	-5.3%	-7.3%
11/29	22,595	10,056,465	30,109	42	17	30	0.0	1.3	40.6	31,695	-4.5%	31,695	-5.3%	-7.3%
11/30	25,405	10,081,870	30,095	35	29	32	0.1	1.5	40.8	31,675	-4.5%	31,675	-5.3%	-7.3%
12/1	23,270	10,105,140	30,075	29	16	23	0.0	0.0	40.8	31,666	-4.5%	31,666	-5.3%	-7.3%
12/2	29,332	10,134,472	30,073	30	15	23	0.0	0.0	40.8	31,655	-4.5%	31,655	-5.3%	-7.3%
12/3	23,654	10,158,126	30,054	33	13	23	0.2	0.2	41.0	31,643	-4.5%	31,643	-5.4%	-7.3%
12/4	30,939	10,189,065	30,056	20	7	14	0.0	0.2	41.0	31,633	-4.5%	31,633	-5.3%	-7.3%
12/5	28,719	10,217,784	30,052	22	6	14	0.0	0.2	41.0	31,625	-4.4%	31,625	-5.3%	-7.3%
12/6	28,407	10,246,191	30,047	29	8	19	0.1	0.3	41.1	31,617	-4.4%	31,617	-5.3%	-7.3%
12/7	25,469	10,271,660	30,034	13	-3	5	0.0	0.3	41.1	31,593	-4.5%	31,593	-5.3%	-7.3%
12/8	26,100	10,297,760	30,023	30	17	24	0.2	0.6	41.4	31,583	-4.4%	31,583	-5.3%	-7.3%
12/9	27,426	10,325,186	30,015	29	15	22	0.3	0.9	41.7	31,581	-4.4%	31,581	-5.3%	-7.3%
12/10	28,820	10,354,006	30,012	21	1	11	0.0	0.9	41.7	31,566	-4.4%	31,566	-5.3%	-7.3%
12/11	26,721	10,380,727	30,002	28	18	23	0.0	0.9	41.7	31,560	-4.4%	31,560	-5.3%	-7.3%

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