

# MANAGEMENT REPORT

## JANUARY 2012 ACTIVITIES

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1. Public Works Monthly Activities
  - Monthly Water Pumping Report
  - Central Garage Fleet Cost Report
  - Snow & Ice Summary
  
2. Community Development Report
  - Engineering Services Monthly Report
  - Public Utilities Construction Report

Dane C. Bragg  
Village Manager

**PUBLIC WORKS DEPARTMENT  
OPERATIONS DIVISION  
WATER PUMPAGE REPORT**

January-12  
(month)

<u>LOCATION</u>	<u>TOTAL THIS PERIOD</u>		<u>FISCAL YEAR TO DATE</u>	
	<u>CURRENT</u>	<u>LAST YEAR</u>	<u>CURRENT</u>	<u>LAST YEAR</u>
<b>Well/Pumping Station #1</b> 345 So. Arlington Heights Rd.				
Well Pumpage (mil.gal.)	0.000	0.000	0.000	0.000
Lake Water Pumpage (mil.gal.)	<u>9.706</u>	<u>6.297</u>	<u>9.706</u>	<u>6.297</u>
<b>TOTAL PUMPAGE</b>	<b>9.706</b>	<b>6.297</b>	<b>9.706</b>	<b>6.297</b>
<b>Well/Pumping Station #2</b> 525 No. Arlington Heights Rd.				
Well Pumpage (mil.gal.)	0.000	0.000	0.000	0.000
Lake Water Pumpage (mil.gal.)	<u>20.794</u>	<u>44.080</u>	<u>20.794</u>	<u>44.080</u>
<b>TOTAL PUMPAGE (mil.gal.)</b>	<b>20.794</b>	<b>44.080</b>	<b>20.794</b>	<b>44.080</b>
<b>Well/Pumping Station #6</b> 120 Horatio Blvd.				
Well Pumpage (mil.gal.)	0.000	0.000	0.000	0.000
Lake Water Pumpage (mil.gal.)	<u>32.063</u>	<u>20.585</u>	<u>32.063</u>	<u>20.585</u>
<b>TOTAL PUMPAGE (mil.gal.)</b>	<b>32.063</b>	<b>20.585</b>	<b>32.063</b>	<b>20.585</b>
<b>Pumping Station #7</b> 401 LaSalle Ln.				
Lake Water Pumpage (mil.gal.)	<u>32.434</u>	<u>47.336</u>	<u>32.434</u>	<u>47.336</u>
<b>TOTAL PUMPAGE (mil.gal.)</b>	<b>32.434</b>	<b>47.336</b>	<b>32.434</b>	<b>47.336</b>
Total Well Pumpage (mil.gal.)	0.000	0.000	0.000	0.000
Total Lake Water Pumpage (mil.gal.)	<u>94.997</u>	<u>118.298</u>	<u>94.997</u>	<u>118.298</u>
<b>TOTAL GALLONS PUMPED (mil.gal.)</b>	<b>94.997</b>	<b>118.298</b>	<b>94.997</b>	<b>118.298</b>
<b>AVERAGE DAILY USAGE (mgd)</b>	<b>3.064</b>	<b>3.816</b>	<b>3.064</b>	<b>3.816</b>

Comments

Submitted by:

  
Water Section Supervisor

Reviewed by:

  
Superintendent Public Works Utilities

VILLAGE OF BUFFALO GROVE  
 OPERATIONS DIVISION  
 WATER AND SEWER SECTION  
 WATER DAILY PUMPAGE SUMMARY LOG (mgd)

January-12

Date	Southwest Well #1	Northwest Well #2	South Well #6	North Res. #7	DAILY TOTAL
01/01/12	0.283	0.610	0.962	0.940	2.795
01/02/12	0.356	0.700	1.012	1.265	3.333
01/03/12	0.310	0.679	1.069	1.136	3.194
01/04/12	0.305	0.767	1.053	1.063	3.188
01/05/12	0.303	0.567	1.033	0.985	2.888
01/06/12	0.288	0.667	1.036	0.954	2.945
01/07/12	0.327	0.639	0.975	1.121	3.062
01/08/12	0.366	0.687	1.001	1.267	3.321
01/09/12	0.319	0.772	1.052	1.002	3.145
01/10/12	0.305	0.577	1.026	0.975	2.883
01/11/12	0.297	0.621	1.035	0.905	2.858
01/12/12	0.301	0.835	1.049	1.000	3.185
01/13/12	0.300	0.629	1.077	1.110	3.116
01/14/12	0.336	0.621	1.039	1.163	3.159
01/15/12	0.338	0.655	1.013	1.187	3.193
01/16/12	0.298	0.671	1.051	1.160	3.180
01/17/12	0.301	0.644	1.052	1.014	3.011
01/18/12	0.306	0.699	1.051	0.972	3.028
01/19/12	0.318	0.701	1.062	1.045	3.126
01/20/12	0.309	0.677	1.069	1.087	3.142
01/21/12	0.351	0.666	1.032	1.099	3.148
01/22/12	0.349	0.675	1.000	1.209	3.233
01/23/12	0.320	0.682	1.060	1.011	3.073
01/24/12	0.311	0.710	1.067	0.911	2.999
01/25/12	0.312	0.708	1.041	0.957	3.018
01/26/12	0.298	0.599	1.028	0.850	2.775
01/27/12	0.295	0.657	1.043	0.890	2.885
01/28/12	0.309	0.708	1.017	1.108	3.142
01/29/12	0.278	0.708	1.003	1.259	3.248
01/30/12	0.316	0.663	1.033	0.975	2.987
01/31/12	0.301	0.600	1.022	0.814	2.737
<b>TOTAL</b>	<b>9.706</b>	<b>20.794</b>	<b>32.063</b>	<b>32.434</b>	<b>94.997</b>

RAIN GAUGE
0.030
0.000
0.000
0.000
0.000
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0.000
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0.480
0.320
0.000
0.010
0.010
0.020
0.010
0.000
0.000
0.000
1.01

Village of Buffalo Grove  
Public Works Department  
Central Garage Section  
Fleet Cost Detail

January 2012

	<u>This Fiscal Year Current Period</u>		<u>This Fiscal Year Year-To-Date</u>		<u>Last Fiscal Year Current Period</u>		<u>Last Fiscal Year Year-To-Date</u>	
Usage - Miles/Hours	90,910.0		90,910.0		92,276.0		92,276.0	
Fuel - Gasoline Gallons	6,362.8		6,362.8		6,166.1		6,166.1	
Fuel - Diesel Gallons	6,568.9		6,568.9		6,275.4		6,275.4	
Fuel Usage-MPG/MPH	7.0		7.0		7.4		7.4	
En-Oil-Usage/Qt.	0.0		0.0		0.0		0.0	
2nd-Oil-Usage/Qt.	0.0		0.0		0.0		0.0	
Road Calls	1.0		1.0		0.0		0.0	
# Repairs	738.0		738.0		820.0		820.0	
Shop Hours	698.0		698.0		696.0		696.0	
Down Hours	2,364.0		2,364.0		3,528.0		3,528.0	
	<u>\$ Cost</u>	<u>\$/Mile</u>	<u>\$ Cost</u>	<u>\$/Mile</u>	<u>\$ Cost</u>	<u>\$/Mile</u>	<u>\$ Cost</u>	<u>\$/Mile</u>
4211 - Gasoline	18,340.69	0.202	18,340.7	0.202	15,940.6	0.077	15,940.6	0.077
4212 - Diesel	20,367.49	0.224	20,367.5	0.224	18,159.3	0.047	18,159.3	0.047
4215 - Add Eng-Oil	0.00	0.000	0.0	0.000	0.00	0.000	0.0	0.000
4215 - Add 2nd-Oil	0.00	0.000	0.0	0.000	0.00	0.000	0.0	0.000
4213 - Shop Parts	16,038.63	0.176	16,038.6	0.176	9,577.3	0.071	9,577.3	0.071
4214 - Shop Labor	41,857.21	0.460	41,857.2	0.460	39,440.8	0.175	39,440.8	0.175
4218 - Outside Repair	<u>3,665.23</u>	<u>0.040</u>	3,665.2	0.040	2,888.2	<u>0.357</u>	2,888.2	<u>0.357</u>
<b>TOTAL</b>	<b>100,269.25</b>	<b>1.103</b>	<b>100,269.25</b>	<b>1.103</b>	<b>86,006.15</b>	<b>0.932</b>	<b>86,006.15</b>	<b>0.932</b>

Submitted by:   
Fleet Manager

Reviewed by:   
Deputy Director of Public Works

VILLAGE OF BUFFALO GROVE  
PUBLIC WORKS DEPARTMENT  
OPERATIONS DIVISION - SNOW COMMAND

SNOW & ICE SUMMARY

DATE	TEMP	SNOW ACCUM	MILES SALTING	SALT (TONS)	CACL (GALS)	REGULAR HOURS	1.5 HOURS	2.0 HOURS	MATERIAL COST		EQUIP. COSTS	LABOR COSTS	MILES PLOWING	REGULAR HOURS	1.5 HOURS	2.0 HOURS	EQUIP. COSTS	LABOR COSTS	TOTAL COST	
									SALT	CACL									PER DAY	
01-Jan-12																				0.00
02-Jan-12	24	0.25	271	49.00	690.00			27.00	2940.00	386.40	238.81	1685.68								5250.89
03-Jan-12																				0.00
04-Jan-12																				0.00
05-Jan-12																				0.00
06-Jan-12																				0.00
07-Jan-12																				0.00
08-Jan-12																				0.00
09-Jan-12																				0.00
10-Jan-12																				0.00
11-Jan-12	50	0.00	247	23.00	450.00	22.50			1380.00	252.00	214.83	744.88								2591.71
12-Jan-12	22	3.50		35.00	605.00				2100.00	338.80			1,285	42.00	80.00		1126.12	4733.01		8297.93
13-Jan-12	20	1.75		213.00	3435.00				12780.00	1923.60			3,158	167.50	187.00		2582.28	13580.56		30846.42
14-Jan-12	20	0.00		120.00	1965.00				7200.00	1100.40			677		63.00		613.61	3037.97		11951.98
15-Jan-12																				0.00
16-Jan-12																				0.00
17-Jan-12	27	0.50	564	78.00	1270.00	40.00			4680.00	711.20	370.64	1163.64								6925.48
18-Jan-12																				0.00
19-Jan-12																				0.00
20-Jan-12	16	5.75	134	141.00	2245.00	15.00			8460.00	1257.20	143.72	453.11	3,011	50.00	300.00		2514.82	15241.28		28070.13
21-Jan-12																				0.00
22-Jan-12																				0.00
23-Jan-12																				0.00
24-Jan-12																				0.00
25-Jan-12																				0.00
26-Jan-12																				0.00
27-Jan-12																				0.00
28-Jan-12	28	0.25	371	57.00	740.00		43.00		3420.00	414.40	465.40	1928.61								6228.41
29-Jan-12	25	1.00	374	56.00	770.00		40.00		3360.00	431.20	443.92	1885.12								6120.24
30-Jan-12																				0.00
31-Jan-12																				0.00
		13.00	1,961	772.00	12,170.00	77.50	83.00	27.00	46,320.00	6,815.20	1,877.32	7,861.04	8,131	259.50	630.00	0.00	6,836.81	36,572.82	106,283.19	106,283.19

MONTH	YEAR	SNOW ACCUM	MILES SALTING	SALT (TONS)	CACL (GALS)	REG. HOURS	1.5 HOURS	2.0 HOURS	MATERIAL COST		EQUIP. COSTS	LABOR COSTS	MILES PLOWING	REG. HOURS	1.5 HOURS	2.0 HOURS	EQUIP. COSTS	LABOR COSTS	TOTAL COST	
									SALT	CACL									MONTH END	
OCTOBER	2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOVEMBER	2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DECEMBER	2011	0.75	1,040	144.00	2,245.00	34.50	61.50	0.00	8,640.00	1,257.20	887.11	3,776.56	0	0.00	0.00	0.00	0.00	0.00	0.00	14560.87
JANUARY	2012	13.00	1,961	772.00	12,170.00	77.50	83.00	27.00	46,320.00	6,815.20	1,877.32	7,861.04	8,131	259.50	630.00	0.00	6,836.81	36,572.82	106,283.19	106,283.19
FEBRUARY	2012	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARCH	2012	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APRIL	2012	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEASON END TOTAL		13.75	3,001	916.00	14,415.00	112.00	144.50	27.00	54,960.00	8,072.40	2,784.43	11,637.60	8,131	259.50	630.00	0.00	6,836.81	36,572.82	120,844.06	120,844.06

**ENGINEERING SERVICES  
MONTHLY REPORT  
JANUARY 2012**

Waterbury Place


Work continues on punch list items.

Plaza Verde Retail

Water and sanitary construction begins.

Pace Bus Lot

Work continues on bus shelter and lighting.



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Richard K. Kuenkler, P.E.  
Village Engineer



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Kevin J. Hehir  
Engineering Technician

KJH/Jan12

