



# DuPage Water Commission

## MEMORANDUM

TO: Engineering Committee

FROM: Robert L. Martin, P.E.  
Acting General Manager

DATE: January 2, 2004

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of December were a total of 2.311 billion gallons. This represents an average day of 74.5 million gallons per day (MGD), which is lower than the December 2002 average day demand of 77.1 MGD. The maximum day demand was 80.3 million gallons (December 18, 2003), which is lower than the December 2002 maximum day of 82.4 million gallons. The minimum day flow was 70.6 million gallons. The Commission recorded a total precipitation for the month of December of 1.35 inches compared to 1.41 inches for December 2002.

The following are attachments to this memorandum:

1. DuPage Laboratory Bench Sheet for December, 2003
2. Water Sales Analysis 01-May-99 to 31-December-03 (unavailable at this time)
3. Chart showing Commission sales versus allocations (unavailable at this time)
4. Chart showing Commission sales versus historical averages (unavailable at this time)

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR DECEMBER 2003

## LEXINGTON SUPPLY

## DUPAGE DISCHARGE

DAY	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	PO <sub>4</sub> mg/l	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO <sub>4</sub> mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.74	0.11	0.48	0.81	0.10	48	7.4	1.0	0.48	0	MB
2	0.76	0.12	0.48	0.81	0.10	49	7.4	1.1	0.48	0	NB
3	0.79	0.12	0.48	0.81	0.10	48	7.4	1.1	0.47	0	NB
4	0.74	0.12	0.49	0.82	0.09	48	7.4	1.1	0.47	0	NB
5	0.78	0.13	0.51	0.81	0.09	47	7.4	1.0	0.47	0	NB
6	0.79	0.13	0.47	0.83	0.09	46	7.3	1.0	0.47	0	MB
7	0.78	0.13	0.48	0.84	0.09	45	7.2	1.0	0.46	0	MB
8	0.78	0.11	0.47	0.80	0.10	45	7.4	1.0	0.46	0	MB
9	0.76	0.11	0.51	0.80	0.10	45	7.4	1.0	0.49	0	MB
10	0.75	0.13	0.50	0.81	0.10	45	7.4	1.1	0.47	0	NB
11	0.75	0.14	0.50	0.81	0.10	45	7.4	1.1	0.47	0	NB
12	0.76	0.12	0.50	0.82	0.10	45	7.4	1.1	0.48	0	NB
13	0.73	0.12	0.49	0.82	0.10	45	7.4	1.0	0.49	0	NB
14	0.78	0.11	0.48	0.80	0.08	45	7.4	1.0	0.49	0	KD
15	0.75	0.11	0.49	0.88	0.08	43	7.4	1.0	0.47	0	KD
16	0.75	0.10	0.48	0.79	0.10	42	7.4	1.0	0.47	0	KD
17	0.75	0.10	0.47	0.79	0.11	42	7.4	1.0	0.48	0	KD
18	0.75	0.12	0.51	0.81	0.09	40	7.4	1.0	0.48	0	LS
19	0.79	0.13	0.51	0.81	0.11	38	7.3	1.1	0.46	0	LS
20	0.78	0.11	0.50	0.78	0.10	39	7.3	1.0	0.46	0	LS
21	0.73	0.12	0.47	0.79	0.10	40	7.3	1.0	0.46	0	LS
22	0.78	0.13	0.47	0.82	0.08	39	7.3	1.0	0.45	0	KD
23	0.79	0.10	0.49	0.82	0.08	39	7.4	1.0	0.44	0	KD
24	0.80	0.10	0.49	0.82	0.09	38	7.4	1.1	0.45	0	KD
25	0.75	0.10	0.48	0.77	0.09	38	7.4	1.0	0.48	0	KD
26	0.76	0.10	0.51	0.79	0.07	38	7.4	1.0	0.45	0	LS
27	0.78	0.10	0.47	0.79	0.10	38	7.4	1.1	0.47	0	LS
28	0.74	0.11	0.47	0.81	0.11	38	7.3	1.1	0.46	0	LS
29	0.72	0.12	0.49	0.78	0.11	38	7.3	1.1	0.49	0	LS
30	0.76	0.11	0.51	0.79	0.10	38	7.4	1.1	0.51	0	KD
31	0.75	0.11	0.50	0.78	0.09	38	7.4	1.1	0.50	0	TM
AVG	0.76	0.12	0.49	0.81	0.10	42	7.4	1.0	0.47	0	
MAX	0.80	0.14	0.51	0.88	0.11	49	7.4	1.1	0.51	0	
MIN	0.72	0.10	0.47	0.77	0.07	38	7.2	1.0	0.44	0	



TERRANCE MCGHEE  
MAINTENANCE SUPERINTENDENT



ROBERT L. MARTIN  
MANAGER OF WATER OPERATIONS

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 31-Dec-03

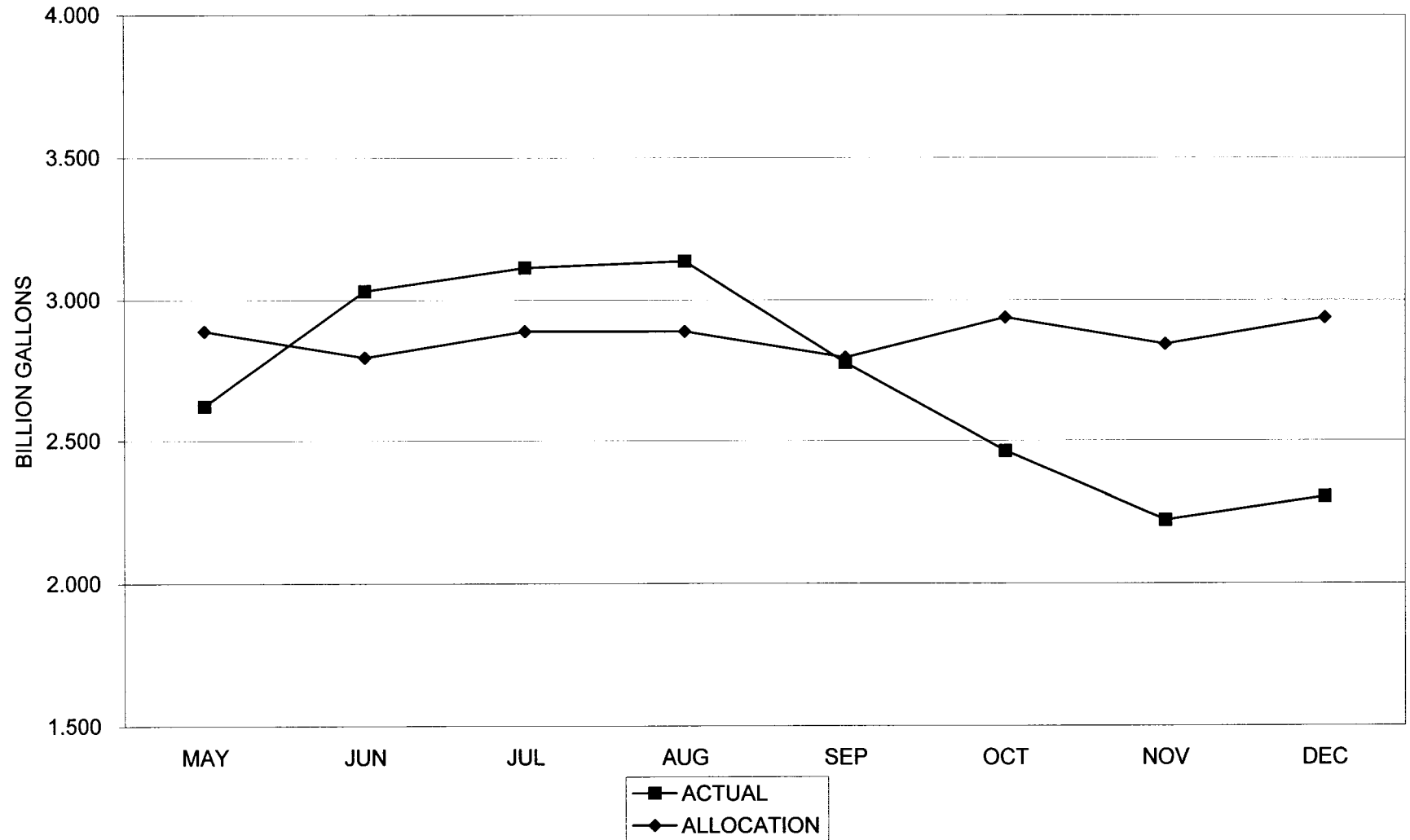
PER DAY AVERAGE 80,845,635

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %
May-00	2,669,079,000	2,757,885,612	96.78%	\$3,523,184.28	\$2,997,140.76	1,063,700	0.04%	96.82%
Jun-00	2,679,123,000	2,765,987,535	96.86%	\$3,536,442.36	\$3,005,945.55	964,900	0.03%	96.89%
Jul-00	3,147,101,000	3,250,023,197	96.83%	\$4,154,173.32	\$3,531,972.81	1,313,300	0.04%	96.87%
Aug-00	3,150,764,000	3,263,518,921	96.54%	\$4,159,008.48	\$3,546,639.33	1,424,700	0.04%	96.59%
Sep-00	2,905,099,000	3,014,700,861	96.36%	\$3,834,730.68	\$3,276,235.53	1,496,600	0.05%	96.41%
Oct-00	2,523,491,000	2,609,574,787	96.70%	\$3,331,008.12	\$2,835,963.51	11,969,523	0.46%	97.16%
Nov-00	2,276,425,000	2,330,256,690	97.69%	\$3,004,881.00	\$2,532,413.70	1,226,800	0.05%	97.74%
Dec-00	2,416,208,000	2,481,365,409	97.37%	\$3,189,394.56	\$2,696,631.57	1,073,000	0.04%	97.42%
Jan-01	2,390,741,000	2,454,238,938	97.41%	\$3,155,778.12	\$2,773,290.00	1,011,300	0.04%	97.45%
Feb-01	2,126,216,000	2,167,739,071	98.08%	\$2,806,605.12	\$2,449,545.15	818,800	0.04%	98.12%
Mar-01	2,311,827,000	2,378,966,637	97.18%	\$3,051,611.64	\$2,688,232.30	3,238,200	0.14%	97.31%
Apr-01	2,291,524,000	2,346,378,053	97.66%	\$3,024,811.68	\$2,651,407.20	784,200	0.03%	97.70%
May-01	2,679,850,000	2,792,321,195	95.97%	\$3,564,200.50	\$3,155,322.95	12,320,840	0.44%	96.41%
Jun-01	2,944,352,000	3,026,438,540	97.29%	\$3,915,988.16	\$3,419,875.55	10,068,050	0.33%	97.62%
Jul-01	3,729,441,000	3,839,156,549	97.14%	\$4,960,156.53	\$4,338,246.90	2,171,700	0.06%	97.20%
Aug-01	3,217,436,000	3,265,655,796	98.52%	\$4,279,189.88	\$3,690,191.05	1,156,800	0.04%	98.56%
Sep-01	2,552,219,000	2,639,772,522	96.68%	\$3,394,451.27	\$2,982,942.95	7,064,124	0.27%	96.95%
Oct-01	2,382,399,000	2,441,347,080	97.59%	\$3,168,590.67	\$2,758,722.20	7,511,120	0.31%	97.89%
Nov-01	2,212,776,000	2,246,511,018	98.50%	\$2,942,992.08	\$2,538,557.45	7,110,473	0.32%	98.81%
Dec-01	2,289,859,000	2,319,285,708	98.73%	\$3,045,512.47	\$2,620,792.85	917,200	0.04%	98.77%
Jan-02	2,320,798,000	2,351,613,013	98.69%	\$3,086,661.34	\$2,763,145.29	1,017,300	0.04%	98.73%
Feb-02	2,101,092,000	2,140,899,881	98.14%	\$2,794,452.36	\$2,515,557.36	1,134,300	0.05%	98.19%
Mar-02	2,282,553,000	2,369,611,940	96.33%	\$3,035,795.49	\$2,784,293.72	18,554,160	0.78%	97.11%
Apr-02	2,279,744,000	2,353,213,915	96.88%	\$3,032,059.52	\$2,765,026.04	1,118,700	0.05%	96.93%
May-02	2,530,549,000	2,620,422,434	96.57%	\$3,390,935.66	\$3,078,996.36	10,740,300	0.41%	96.98%
Jun-02	2,974,993,000	3,064,246,366	97.09%	\$3,986,490.62	\$3,600,489.48	2,949,188	0.10%	97.18%
Jul-02	3,818,677,000	3,928,688,630	97.20%	\$5,117,027.18	\$4,616,209.14	1,407,000	0.04%	97.24%
Aug-02	3,243,485,000	3,347,860,391	96.88%	\$4,346,269.90	\$3,933,735.96	1,155,200	0.03%	96.92%
Sep-02	2,941,334,000	3,026,340,894	97.19%	\$3,941,387.56	\$3,555,950.55	1,130,900	0.04%	97.23%
Oct-02	2,515,785,000	2,551,823,030	98.59%	\$3,371,216.38	\$2,998,392.06	1,354,600	0.05%	98.64%
Nov-02	2,264,094,000	2,328,010,928	97.25%	\$3,034,011.20	\$2,735,412.84	811,900	0.03%	97.29%
Dec-02	2,384,875,000	2,439,819,728	97.75%	\$3,195,844.10	\$2,866,788.18	885,300	0.04%	97.78%
Jan-03	2,430,849,000	2,496,371,382	97.38%	\$3,257,685.17	\$3,053,062.20	751,400	0.03%	97.41%
Feb-03	2,166,550,000	2,216,028,831	97.77%	\$2,903,280.54	\$2,710,203.26	919,100	0.04%	97.81%
Mar-03	2,347,318,000	2,412,660,360	97.29%	\$3,145,477.42	\$2,950,683.62	835,700	0.03%	97.33%
Apr-03	2,338,518,000	2,401,856,926	97.36%	\$3,133,682.63	\$2,937,471.02	12,052,576	0.50%	97.86%
May-03	2,622,301,000	2,711,004,309	96.73%	\$3,619,032.96	\$3,315,558.27	3,119,550	0.12%	96.84%
Jun-03	3,031,274,000	3,129,263,410	96.87%	\$4,183,476.12	\$3,827,089.15	9,583,535	0.31%	97.17%
Jul-03	3,114,181,000	3,213,079,828	96.92%	\$4,297,569.78	\$3,929,596.63	3,414,287	0.11%	97.03%
Aug-03	3,137,669,000	3,237,477,343	96.92%	\$4,330,318.18	\$3,959,434.79	6,589,500	0.20%	97.12%
Sep-03	2,775,903,000	2,842,321,431	97.66%	\$3,830,750.38	\$3,476,159.11	1,081,000	0.04%	97.70%
Oct-03	2,463,017,000	2,531,079,199	97.31%	\$3,361,577.64	\$3,095,509.86	1,199,100	0.05%	97.36%
Nov-03	2,220,837,000	2,263,237,760	98.13%	\$3,110,603.92	\$2,767,939.78	1,004,600	0.04%	98.17%
Dec-03	2,302,995,000	2,357,446,124	97.69%	\$3,178,138.40	\$2,883,156.61	785,500	0.03%	97.72%
TOTALS (1)	344,564,097,000	355,047,720,228	97.05%	\$460,371,656.56	\$377,007,783.23	267,249,991	0.08%	97.12%

(1) - SINCE MAY 1, 1992

(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

**DU PAGE WATER COMMISSION SALES  
FY 2003-04 VS. ALLOCATION**



**DU PAGE WATER COMMISSION SALES  
FY 2003-04 & FY 2002-03 VS. HISTORICAL AVERAGE**

