



DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
(630)834-0100 Fax: (630)834-0120

NOTICE IS HEREBY GIVEN THAT THE RESCHEDULED FEBRUARY 2011 REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 6:30 P.M. ON THURSDAY, FEBRUARY 10, 2011, AT 600 EAST BUTTERFIELD ROAD, ELMHURST, ILLINOIS 60126. THE AGENDA FOR THE RESCHEDULED FEBRUARY 2011 REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING IS AS FOLLOWS:

AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, FEBRUARY 10, 2011
6:30 P.M.**

COMMITTEE MEMBERS

D. Loftus, Chair
R. Furstenau
F. Saverino
M. Scheck

**600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126**

- I. Roll Call
- II. Approval of Committee Meeting Minutes of February 11, 2010

RECOMMENDED MOTION: To approve the Minutes of the February 11, 2010 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Request by City of Naperville to Pay for the Cost of Relocation of Transmission Main at 75th Street and Washington Street
- IV. Report of Status of Construction/Operations
- V. Resolution No. R-2-11: A R Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the February 10, 2011, DuPage Water Commission Meeting.
- VI. Resolution No. R-3-11: A Resolution Directing Advertisement for Bids on a Contract for Quick Response Construction Work (Contract QR-9/11) at the February 10, 2011, DuPage Water Commission Meeting.
- VII. Resolution No. R-4-11: A Resolution Directing Advertisement for Bids on a Contract for High Lift Pump Motor Re-Build—Phase II at the February 10, 2011, DuPage Water Commission Meeting.

All visitors must present a valid drivers license or other government-issued photo identification, sign in at the reception area and wear a visitor badge while at the DuPage Pumping Station.

- VIII. Resolution No. R-5-11: A Resolution Approving a First Amendment to Task Order No. 2a under the Master Contract with Stantec Consulting Services Inc. at the February 10, 2011, DuPage Water Commission Meeting.
- IX. Resolution No. R-6-11: A Resolution Approving and Ratifying Certain Contract PSC-5/08 Change Orders at the February 10, 2011, DuPage Water Commission Meeting
- X. Resolution No. R-7-11: A Resolution Approving and Ratifying Certain Change Orders to the Contract for Supply of Engine Generator Units at the February 10, 2011, DuPage Water Commission Meeting.
- XI. Other
- XII. Adjournment

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, FEBRUARY 11, 2010
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 7:02 P.M.

Committee members in attendance: W. Maio, L. Hartwig, W. Mueller and S. Louis Rathje *ex officio*.

Committee members absent: A. Poole

Also in attendance: R. C. Bostick, J. Schori, E. Kazmierczak, F. Frelka, and M. Weed.

Commissioner Mueller moved to approve the Minutes of the January 14, 2009 Engineering Committee. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

The Committee reviewed the memorandum regarding the Status of Operations dated February 5, 2010.

Quick Response Contracts

- Repairs to Underground Electrical Service From Transformer To Meter Station (QRE4-006A) Authorized by R-66-09 \$10,126.21

Commissioner Hartwig moved to recommend to the Commission approval of payments in the amount of \$10,126.21 as part of the accounts payable, subject to submission of all contractually required documentation. Motion seconded by Commissioner Mueller and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Mueller moved to recommend to the Commission approval of Resolution No. R-6-10: A Resolution Approving and Authorizing the Execution of a Master Contract with AECOM USA, Inc. for Professional Engineering Services at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Hartwig. Commissioner Hartwig asked why we were

Engineering Meeting Minutes February 11, 2010

renegotiating the contract. Staff replied that Commissioner Zay had requested the contract be renegotiated. Commissioner Hartwig also asked how often we evaluate our master contracts and if we have master contracts with other engineering firms? Staff replied that the Commission has master contracts with multiple engineering firms and they are renegotiated on an as needed basis. The motion passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Hartwig moved to recommend to the Commission approval of Resolution No. R-7-10: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Hartwig moved to recommend to the Commission approval of Resolution No. R-8-10: A Resolution Approving and Authorizing the Execution of the City of Elmhurst Wireless Radio Alarm Lease at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. Commissioner Mueller asked why we were changing our service. Staff replied that the City of Elmhurst required the change due to their new wireless radio system and that there would be a decrease in the annual service charges due to the switch. The motion passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Hartwig moved to recommend to the Commission approval of Resolution No. R-9-10: A Resolution Approving and Ratifying Certain Contract Change Orders at the February 11, 2010, DuPage Water Commission Meeting. Motion seconded by Commissioner Mueller. Commissioner Maio asked if the work involved with these Change Orders had already been completed. Staff replied that some of the work tasks had already been completed. Commissioner Hartwig asked why the work was authorized without Board approval. Staff replied that some of the work tasks were involved with work already in progress and if the work had been stopped, it would have resulted in much higher costs and time delays. Commissioner Hartwig requested that all future Change Orders be approved by the Board in advance of work performed. Commissioner Mueller requested that a report listing all Changes Orders be included in the monthly Engineering package. The motion passed unanimously as follows:

Engineering Meeting Minutes February 11, 2010

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

Commissioner Mueller moved to adjourn the meeting at 7:30 P.M. Motion seconded by Commissioner Hartwig and passed unanimously as follows:

Aye: W. Maio, L. Hartwig, and W. Mueller
Nay: None
Absent: A. Poole

BOARD/MINUTES/ENGINEERING/2010/0211.docx



DuPage Water Commission

MEMORANDUM

TO: Chairman and Commissioners

FROM: Terry McGhee
Acting General Manager

Ed Kazmierczak	Pipeline Supervisor
Chris Bostick	Facilities Construction Supervisor
John Schori	Instrumentation Supervisor
Frank Frelka	GIS Coordinator
Mike Weed	Operations Supervisor

DATE: February 3, 2011

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of January were a total of 2.182.5 billion gallons. This represents an average day demand of 70.4 million gallons per day (MGD), which is higher than the January 2010 average day demand of 69.6 MGD. The maximum day demand was 72.6 MGD on January 23, 2011, which is lower than the January 2010 maximum day demand of 73.2 MGD. The minimum day flow was 68.0 MGD. The Commission's recorded total precipitation for the month of January was 0.92 inches compared to 1.13 inches for January 2010. The level of Lake Michigan for January 2011 is 576.81 (Feet IGLD 1985) compared to 577.92 (Feet IGLD 1985) for January of 2010.

Water Conservation

The Commission has distributed 24 rain barrels to date and our customers are using them as displays for the public as well as promoting the sale of rain barrels to their residents. The Commission has also received 15 completed Utility Pledges and 12 status updates on the Utility Pledges.

The Village of Glendale Heights is looking into drafting a rain barrel ordinance and is presenting the pledge at their village's board meeting this month.

The Commission sponsored a high school and college video contest on water conservation. Winning film(s) will be featured on dpwc.org and preservingeverydrop.org. Winner(s) will also receive a trophy and be eligible for

prizes from participating partners. There were no videos submitted for this contest. Staff is looking into pushing back the submission date.

The Commission participated in the Eight Annual DuPage Environmental Summit. This year's title of the summit is *Until the Last Drop: Water Conservation in DuPage County*. The summit was January 5, 2011 at Benedictine University. This presentation was so well received that it has been posted on preservingeverydrop.org so the public can download it.

Document Management

Staff has started the process of moving documents into the new databases.

Work continues to complete the document inventory that will be sent to the Secretary of State for their destruction authorization.

Facilities Construction Overview

Contract PSD-6 Reservoir Addition - Division A – Equipment Storage Building and Material Storage

The Engineer has submitted final draft of record drawings which are currently under review by staff.

Contract PSD-7 DPPS Electrical Generation

Final finish applications are ongoing. Support systems commissioning is underway. Progress Payment #24 appears on the Accounts payable. A table of change orders approved, pending or in development has been prepared for review. The project completion date remains December 31, 2010.

A memorandum has been prepared outlining Commonwealth Edison's final invoice for work related to the generation facility improvements.

Generator Supply Contract

Change Order No. 2 appears on the agenda as R-7-11 which requests Patten Industries to modify the portable generator from a manual fuel system fill to an automatic fuel system fill. A table of change orders approved, pending or in development has been prepared for review.

Contract PSC-4 Lexington Pump Station Electrical Generation / Variable Frequency Drives

All work is complete with the exception second season commissioning and training. Money will be held back from the release of retainage to facilitate the completion of the work.

A memorandum has been prepared outlining Commonwealth Edison's final invoice for work related to the generation facility improvements.

Contract PSC-5 Lexington Photovoltaic Cells

The photovoltaic system continues producing power for on-site consumption at the Lexington Pumping Station. All work is complete with the exception of displaying the PV System output on the DWC website. Change Order No. 3 appears on the February agenda as R-6-11. A table of change orders approved, pending or in development has been prepared for review. The project completion date remains October 21, 2010.

Winfield Additional Connection – Contract MS-17/10

Electrical and instrumentation work is ongoing. The Contract Completion date remains November 20, 2010.

DuPage County Service Areas

We are performing preliminary work with DuPage County Public Works regarding the Steeple Run service area.

Instrumentation / Remote Facilities Overview

Annual Customer Meter Calibration Program

The customer meter calibration program began on October 5th; it is now 66% complete.

Remote Facilities Maintenance

The annual inspection and calibration at all Meter Stations continues.

Routine monthly inspections and maintenance is ongoing.

New Meter Station for Winfield

The Remote Terminal Unit (RTU) at MS27B is installed, waiting on the contractor to complete the antenna before communications can be established.

GIS

GIS staff is evaluating Manifold GIS software as a less expensive alternative to some of the ESRI ArcGIS software currently used. Although ESRI is the GIS market leader with robust and innovative products, the annual cost to the Commission for GIS software maintenance is over \$10,000. Continuing development of capable software alternatives by ESRI competitors make it prudent to at least evaluate the potential for savings in this area.

Staff is updating the GIS leak layer to account for the most recent and all historical leaks. This will also include a new attribute table with domains to categorize leaks by type, cause and disposition within the ArcGIS database management system.

Pipeline Construction Overview

Work to repair a leak on a Commission 72" transmission main has been substantially completed. A description of this work is can be found on the Commission's February agenda item R-2-11.

Preliminary design drawings and specifications for the Outer Belt Transmission Main Corrosion Mitigation Contract (EN Engineering Task Order #13) have been received and are currently under review.

Work has been completed and a preliminary report issued for work under EN Engineering Task Order 18 (Close Interval Survey).

Work has been temporarily suspended under EN Engineering Task Order No. 17 (Test Point Survey). This work will resume in the spring.

Bi-Annual Air Release valve inspections have begun.

FEBRUARY 2011 COMMISSION AGENDA ITEMS:

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Attachments:

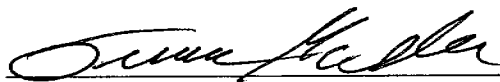
1. DuPage Laboratory Bench Sheets for January , 2011
2. Water Sales Analysis 01-April-06 to 31-Janaury- 2011
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR JANUARY 2011

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂	TURBIDITY	PO ₄	FREE CL ₂	TURBIDITY	TEMP	pH	Fluoride	PO ₄	P.A.C.	ANALYST
	mg/l	NTU	mg/l	mg/l	NTU	°F		mg/l	mg/l	LBS/MG	INT
1	0.98	0.10	0.50	0.93	0.10	37	7.7	1.0	0.51	0	MR
2	0.99	0.10	0.50	0.95	0.07	36	7.6	1.0	0.50	0	RC
3	0.95	0.09	0.53	0.91	0.08	35	7.7	1.0	0.49	0	RC
4	0.96	0.10	0.51	0.90	0.09	35	7.7	1.1	0.48	0	RC
5	0.90	0.10	0.49	0.90	0.08	36	7.7	1.0	0.50	0	RC
6	0.91	0.09	0.47	0.89	0.08	36	7.7	1.1	0.46	0	GA
7	0.90	0.08	0.45	0.89	0.09	36	7.7	1.1	0.46	0	GA
8	0.91	0.09	0.47	0.89	0.08	36	7.7	1.2	0.44	0	GA
9	0.92	0.09	0.46	0.90	0.09	36	7.7	1.1	0.47	0	GA
10	0.91	0.10	0.50	0.91	0.08	36	7.7	1.1	0.50	0	RC
11	0.93	0.10	0.50	0.91	0.09	36	7.7	1.2	0.50	0	RC
12	0.91	0.10	0.50	0.89	0.09	36	7.7	1.2	0.45	0	RC
13	0.91	0.09	0.47	0.89	0.10	36	7.7	1.1	0.45	0	GA
14	0.93	0.10	0.48	0.90	0.08	36	7.7	1.2	0.47	0	GA
15	0.91	0.09	0.47	0.90	0.09	35	7.7	1.1	0.48	0	GA
16	0.95	0.10	0.49	0.92	0.09	35	7.7	1.1	0.49	0	GA
17	0.91	0.08	0.52	0.89	0.08	34	7.6	1.1	0.52	0	AM
18	0.90	0.10	0.56	0.88	0.08	34	7.7	0.9	0.52	0	RC
19	0.89	0.09	0.51	0.90	0.08	35	7.7	1.0	0.51	0	RC
20	0.91	0.10	0.53	0.90	0.09	35	7.7	1.1	0.53	0	RC
21	0.89	0.09	0.52	0.91	0.08	35	7.6	1.1	0.48	0	RC
22	0.88	0.08	0.47	0.91	0.10	34	7.7	1.1	0.42	0	GA
23	0.91	0.10	0.45	0.91	0.10	34	7.7	1.0	0.44	0	GA
24	0.91	0.08	0.45	0.93	0.09	34	7.7	1.1	0.44	0	GA
25	0.94	0.10	0.47	0.90	0.07	34	7.7	1.1	0.44	0	GA
26	0.92	0.08	0.51	0.90	0.09	34	7.7	1.1	0.48	0	RC
27	0.89	0.08	0.50	0.90	0.09	35	7.7	1.0	0.47	0	RC
28	0.90	0.09	0.48	0.88	0.08	34	7.7	1.1	0.50	0	RC
29	0.91	0.10	0.48	0.93	0.08	34	7.6	1.1	0.55	0	RC
30	0.93	0.10	0.50	0.89	0.08	36	7.7	1.2	0.46	0	GA
31	0.92	0.08	0.45	0.89	0.07	36	7.7	1.2	0.45	0	GA
AVG	0.92	0.09	0.49	0.90	0.09	35	7.7	1.1	0.48	0	
MAX	0.99	0.10	0.56	0.95	0.10	37	7.7	1.2	0.55	0	
MIN	0.88	0.08	0.45	0.88	0.07	34	7.6	0.9	0.42	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

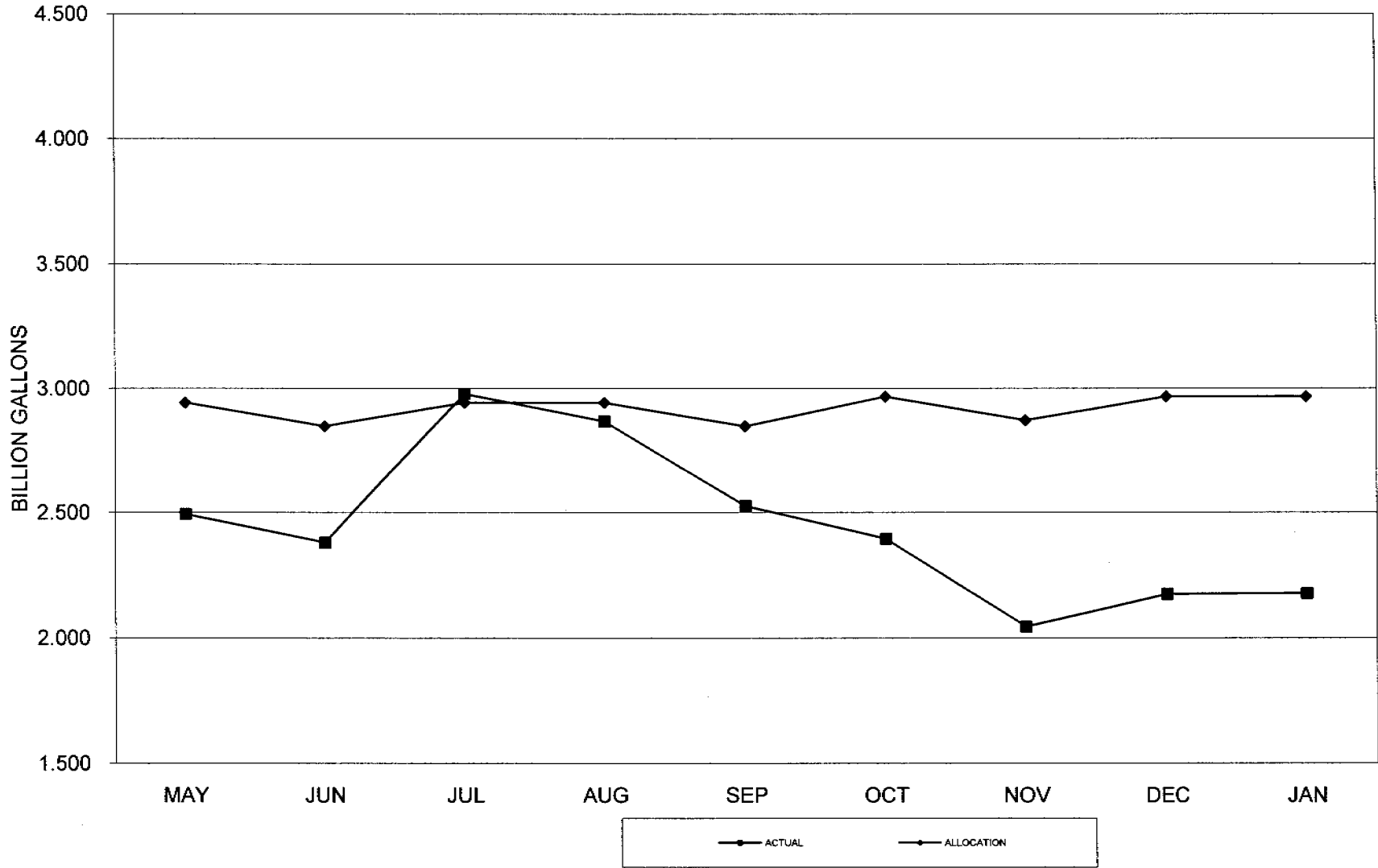
01-May-92 TO 31-Jan-11

PER DAY AVERAGE 81,389,613

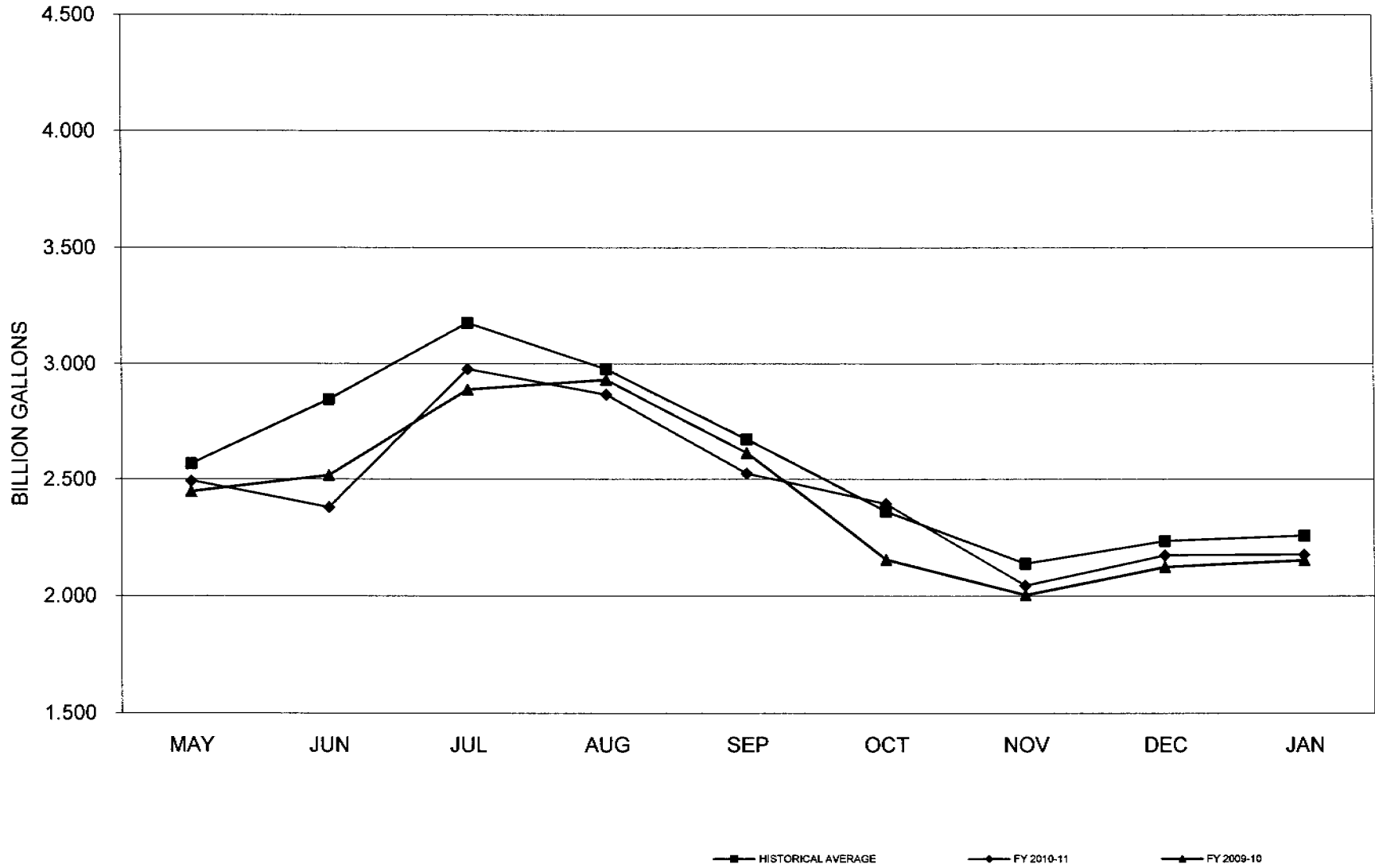
MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHC RAT
May-07	2,863,644,000	2,951,900,000	97.01%	\$2,978,988.48	\$3,926,001.00	4,012,875	0.14%	97.15%	\$1.04	\$1
Jun-07	3,292,831,000	3,396,024,774	96.96%	\$3,424,545.52	\$4,516,712.95	4,468,064	0.13%	97.09%	\$1.04	\$1
Jul-07	3,314,840,000	3,412,423,571	97.14%	\$3,447,433.60	\$4,538,523.35	4,456,650	0.13%	97.27%	\$1.04	\$1
Aug-07	2,883,008,000	2,966,379,286	97.19%	\$2,998,328.32	\$3,945,284.45	4,172,900	0.14%	97.33%	\$1.04	\$1
Sep-07	2,951,692,000	3,051,590,188	96.73%	\$3,070,294.72	\$4,058,614.95	3,977,217	0.13%	96.86%	\$1.04	\$1
Oct-07	2,512,609,400	2,578,045,000	97.46%	\$2,614,883.38	\$3,428,799.85	9,585,389	0.37%	97.83%	\$1.04	\$1
Nov-07	2,143,753,000	2,205,810,263	97.19%	\$2,230,952.72	\$2,933,727.65	10,390,297	0.47%	97.66%	\$1.04	\$1
Dec-07	2,228,281,000	2,292,016,165	97.22%	\$2,317,412.24	\$3,048,381.50	2,174,944	0.09%	97.31%	\$1.04	\$1
Jan-08	2,262,968,000	2,324,208,591	97.37%	\$2,353,486.72	\$3,554,877.04	2,134,597	0.09%	97.46%	\$1.04	\$1
Feb-08	2,145,137,000	2,197,527,140	97.62%	\$2,232,195.60	\$3,361,117.76	2,074,217	0.09%	97.71%	\$1.04	\$1
Mar-08	2,239,073,000	2,295,015,835	97.56%	\$2,328,635.92	\$3,510,226.72	2,041,001	0.09%	97.65%	\$1.04	\$1
Apr-08	2,177,771,000	2,244,319,320	97.03%	\$2,266,101.68	\$3,432,686.40	8,144,629	0.36%	97.40%	\$1.04	\$1
May-08	2,474,831,000	2,566,584,008	96.43%	\$2,573,824.24	\$3,925,590.24	4,884,294	0.19%	96.62%	\$1.04	\$1
Jun-08	2,604,318,000	2,677,371,376	97.27%	\$2,709,084.64	\$4,095,039.52	1,964,000	0.07%	97.34%	\$1.04	\$1
Jul-08	3,152,495,000	3,254,898,777	96.85%	\$3,278,594.80	\$4,978,367.68	2,131,900	0.07%	96.92%	\$1.04	\$1
Aug-08	3,184,859,000	3,279,095,181	97.13%	\$3,312,253.36	\$5,015,376.08	2,353,100	0.07%	97.92%	\$1.04	\$1
Sep-08	2,552,623,000	2,619,576,751	97.44%	\$2,655,066.48	\$4,006,642.64	2,109,972	0.08%	97.52%	\$1.04	\$1
Oct-08	2,302,750,000	2,362,503,982	97.47%	\$2,855,410.00	\$3,613,449.84	7,923,498	0.34%	97.81%	\$1.24	\$1
Nov-08	2,096,015,000	2,165,230,363	96.80%	\$2,599,238.12	\$3,311,719.84	2,220,353	0.10%	96.91%	\$1.24	\$1
Dec-08	2,256,850,000	2,320,311,736	97.26%	\$2,798,494.00	\$3,548,916.80	2,283,006	0.10%	97.36%	\$1.24	\$1
Jan-09	2,293,548,000	2,349,026,333	97.64%	\$2,843,999.52	\$4,131,937.32	2,163,839	0.09%	97.73%	\$1.24	\$1
Feb-09	2,048,827,000	2,102,586,263	97.44%	\$2,540,545.48	\$3,696,346.65	1,967,373	0.09%	97.54%	\$1.24	\$1
Mar-09	2,141,079,000	2,198,279,067	97.40%	\$2,655,454.08	\$3,864,574.60	5,652,898	0.26%	97.66%	\$1.24	\$1
Apr-09	2,090,046,000	2,146,681,399	97.36%	\$2,591,657.04	\$3,773,865.90	2,265,801	0.11%	97.47%	\$1.24	\$1
May-09	2,446,586,000	2,522,765,415	96.98%	\$3,620,947.28	\$4,435,021.60	2,189,800	0.09%	97.07%	\$1.48	\$1
Jun-09	2,517,674,000	2,587,363,481	97.31%	\$3,726,157.52	\$4,548,585.00	2,202,450	0.09%	97.39%	\$1.48	\$1
Jul-09	2,888,499,000	2,971,742,918	97.20%	\$4,274,978.52	\$5,224,324.05	2,030,397	0.07%	97.27%	\$1.48	\$1
Aug-09	2,931,183,000	3,010,833,874	97.35%	\$4,338,150.84	\$5,293,045.95	7,554,834	0.25%	97.61%	\$1.48	\$1
Sep-09	2,614,552,000	2,691,957,594	97.12%	\$3,869,536.96	\$4,732,461.45	1,994,945	0.07%	97.20%	\$1.48	\$1
Oct-09	2,155,177,000	2,204,779,266	97.75%	\$3,189,661.96	\$3,876,001.95	2,141,324	0.10%	97.85%	\$1.48	\$1
Nov-09	2,003,572,000	2,054,392,036	97.53%	\$2,965,286.56	\$3,611,621.20	2,224,921	0.11%	97.63%	\$1.48	\$1
Dec-09	2,124,149,000	2,174,881,342	97.67%	\$3,143,740.52	\$3,823,441.40	2,335,534	0.11%	97.77%	\$1.48	\$1
Jan-10	2,152,708,000	2,207,536,160	97.52%	\$3,186,007.84	\$4,426,110.00	2,148,128	0.10%	97.61%	\$1.48	\$2
Feb-10	1,920,433,000	1,956,112,219	98.18%	\$2,842,240.84	\$3,922,005.00	1,920,979	0.10%	98.27%	\$1.48	\$2
Mar-10	2,088,030,000	2,142,426,434	97.46%	\$3,090,284.40	\$4,295,565.00	3,367,754	0.16%	97.62%	\$1.48	\$2
Apr-10	2,117,657,000	2,160,538,653	98.02%	\$3,134,132.36	\$4,331,880.00	2,162,448	0.10%	98.12%	\$1.48	\$2
May-10	2,493,442,000	2,546,177,057	97.93%	\$4,587,933.28	\$5,105,085.00	1,951,633	0.08%	98.01%	\$1.84	\$2
Jun-10	2,379,251,000	2,435,768,080	97.68%	\$4,377,821.84	\$4,883,715.00	1,052,920	0.04%	97.72%	\$1.84	\$2
Jul-10	2,977,683,000	3,048,231,920	97.69%	\$5,478,936.72	\$6,111,705.00	1,342,710	0.04%	97.73%	\$1.84	\$2
Aug-10	2,867,253,000	2,924,004,988	98.06%	\$5,275,745.52	\$5,862,630.00	930,281	0.03%	98.09%	\$1.84	\$2
Sep-10	2,525,751,000	2,588,259,352	97.58%	\$4,647,381.84	\$5,189,460.00	1,085,300	0.00%	97.58%	\$1.84	\$2
Oct-10	2,394,743,000	2,449,952,618	97.75%	\$4,406,327.12	\$4,912,155.00	1,143,788	0.05%	97.79%	\$1.84	\$2
Nov-10	2,044,476,000	2,079,920,200	98.30%	\$3,761,835.84	\$4,170,240.00	955,414	0.05%	98.34%	\$1.84	\$2
Dec-10	2,173,930,000	2,196,014,963	98.99%	\$4,000,031.20	\$4,403,010.00	943,234	0.04%	99.04%	\$1.84	\$2
Jan-11	2,176,905,000	2,203,802,993	98.78%	\$4,005,505.20	\$4,418,625.00	6,094,505	0.28%	99.06%	\$1.84	\$2
TOTALS (1)	557,518,848,400	573,615,315,253	97.19%	\$742,134,207.03	\$703,729,296.53	581,725,624	0.10%	97.30%	\$1.33	\$1

- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

**DU PAGE WATER COMMISSION SALES
FY 2010-11 VS. ALLOCATION**



**DU PAGE WATER COMMISSION SALES
FY 2010-11 & FY 2009-10 VS. HISTORICAL AVERAGE**



PSC-4 LEXINGTON GENERATORS AND VFD'S				ORIGINAL CONTRACT	\$17,209,000.00
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
1	4/9/09	South Road Modifications	\$28,331.37	\$17,237,331.37	
2	9/10/09	Building Permit Related Work	\$204,866.51	\$17,442,217.88	
3	10/9/09	South Road Manhole Adjustment	\$3,270.43	\$17,445,468.31	
4	2/12/10	IDOT Permit Required Work	\$67,025.47	\$17,512,493.78	
5	4/15/10	Underground Fuel Storage Tank Permit Requirements and Roof Curb Additions	\$71,636.68	\$17,584,130.46	
6	6/10/10	City of Chicago Water Main Modifications	\$36,727.64	\$17,620,858.10	
7	10/14/10	Penthouse roofing credit	-\$7,779.56	\$17,613,078.54	
8	12/09/10	Fuel Oil Pump Electric ComEd Building LV Electric Generator Exhaust Stacks	\$88,870.66	17,701,949.20	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#8 2.86%
PSC-5 LEXINGTON PHOTOVOLTAIC				ORIGINAL CONTRACT	\$7,996,000.00
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
1	8/14/09	Expansion of 24 KW from ILDCEO Grant received	\$250,000.00	\$8,246,000.00	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#2 3.13%
2	10/14/10	Contract Time extension of 92 Calendar Days	N/A	N/A	
3	Appears on February 10, 2011 Agenda	Additional Conduit Work	\$4,111.00	\$8,250,111.00	PROPOSED CHANGE ORDER 3.17%
PSD-7 DUPAGE GENERATORS/OFFICE/GARAGE EXPANSION				ORIGINAL CONTRACT	\$16,970,000.00
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
1	2/6/09	Building Permit Required Work - Garage	\$78,175.00	\$17,048,175.00	
2	5/15/09	Sanitary Casing/Demolition and Storm water Work	\$36,131.00	\$17,084,306.00	
3	7/10/09	Structural/Architectural Modifications	\$14,279.00	\$17,098,585.00	
4	8/14/09	ComEd Work, IDOT Permit Required Work, Add Gypsum and Knee Wall	\$33,179.00	\$17,131,764.00	
5	10/9/09	Roof and Underground Piping Modifications, Water Stop Addition	\$29,861.00	\$17,161,625.00	
6	2/12/10	15 Items; Electrical, Data, Natural Gas Piping, Fall Protection, Water Main Work and Credit, Mechanical Work, Permit Required Sanitary Vents	\$74,959.00	\$17,236,584.00	
7	3/11/10	Combination Motor Starters, Fuel/Oil Piping Modifications	\$18,576.00	\$17,255,160.00	
8	5/13/10	2 Items; Relocation of Fire Suppression System Piping and Meter Vault adjustment	\$3,947.00	\$17,259,107.00	

DuPage Water Commission
 Facilities Construction Change Order Log

February 3, 2011

PSD-7 DUPAGE GENERATORS/OFFICE/GARAGE EXPANSION (Continued)			ORIGINAL CONTRACT	\$16,970,000.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
9	7/13/10	HVAC Modifications, Access Ladder, Concrete Sidewalks & Stairs, Lighting Modifications and Security System Enhancements	\$302,241.00	17,561,348.00	
10	8/12/10	Demolition Credit, Electrical Wiring, Eliminate Data Racks, Balancing a Previous CO Item, Power Relays, Conduit Install and Flow Switches	\$18,493.00	\$17,579,841.00	
11	10/14/10	Plumbing Demolition Credit Security Conduit Extension Fire Detection/Alarm System Additional Light Fixture	\$28,284.00	\$17,603,125.00	
12	11/11/10	Conduit and Cabling for Exterior Lighting Control and Contract Time Extension	\$1,185.00	17,604,310.00	
13	01/13/11	HVAC Panel Consolidation, Addressable Smoke Detectors in AHU's, SCADA Data Cabling/Connections	\$17,048.00	17,621,358.00	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#13 3.84%
TBD	TBD	Return Air Fan Motor Change, Fuel Hoses, HVAC/Fire System Control and Fuel Management System	Under Review	TBD	TBD
SUPPLY OF ENGINE GENERATORS			ORIGINAL CONTRACT	\$6,417,608.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
1		Revised Delivery Dates	\$0.00	N/A	PROPOSED CHANGE ORDER PERCENTAGE 0.43%
2	Appears on February 10, 2011 Agenda	Modifications to Fuel Delivery System	Estimated \$27,712.00	\$6,445,320.00	

**Open Contracts Summary
Ending January 31, 2011**

Contractor	Project	Contract Amount	Approved Change Orders	Current Contract Amount	Contract Commencement Date	Contract Completion Date	Percent Complete (1)	Percent Change from Previous Month (1)
Construction								
DIVANE BROS ELECTRIC CO.	PHOTOVOLTAIC SYSTEM AT THE LEXINGTON PUMPING STATION	\$ 7,996,000.00	\$ 250,000.00	\$ 8,246,000.00	July 21, 2008	October 21, 2010	90%	0%
PATTEN INDUSTRIES, INC.	SUPPLY OF ENGINE GENERATORS	\$ 6,417,608.00	\$ -	\$ 6,417,608.00	September 13, 2007		90%	0%
JOSEPH J HENDERSON AND SON	ELECTRIC GENERATION FACILITY AND VARIABLE FREQUENCY DRIVES AT THE LEXINGTON PUMPING STATION	\$ 17,209,000.00	\$ 404,078.54	\$ 17,613,078.54	July 21, 2008	October 21, 2010	100%	0%
WILLIAMS BROTHERS CONSTRUCTION CO.	ELECTRIC GENERATION FACILITIES, GARAGE AND OFFICE EXPANSION AT THE DUPAGE PUMPING STATION	\$ 16,970,000.00	\$ 652,652.00	\$ 17,622,652.00	November 25, 2008	December 31, 2010	99.995%	0.795%
MARTAM CONSTRUCTION, INC.	WINFIELD METER/PRESSURE ADJUSTING STATIONS 17B	\$ 209,760.00	\$ 810.00	\$ 210,570.00	March 25, 2010	November 20, 2010	99%	0%
Services								
GREELEY AND HANSEN LLC	LEXINGTON PUMP STATION PHOTOVOLTAIC ENGINEERING	\$ 1,178,236.00	\$ -	\$ 1,178,236.00	January 12, 2007		100%	0%
GREELEY AND HANSEN LLC	LEXINGTON PUMP STATION GENERATOR/VFD ENGINEERING	\$ 2,670,676.00	\$ -	\$ 2,670,676.00	January 12, 2007		100%	0%
CAMP DRESSER MCKEE	DUPAGE PUMP STATION GENERATION ENGINEERING	\$ 2,004,688.00	\$ -	\$ 2,004,688.00	November 10, 2003		68%	0%
CAMP DRESSER MCKEE	SUPPLY OF ENGINE GENERATORS ENGINEERING	\$ 146,227.00	\$ -	\$ 146,227.00	January 11, 2007		90%	0%
AECOM	WINFIELD METER/PRESSURE ADJUSTING STATIONS 17B	\$ 71,700.00	\$ -	\$ 71,700.00	June 9, 2006		80%	5%

(1) Completion based on approved/pending contractor invoices

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