



DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
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AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, MAY 19, 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 April 21, 2011

RECOMMENDED MOTION: To approve the Minutes of the April 21, 2011 Engineering & Construction Committee Meeting of the DuPage Water Commission.

III. Report of Status of Construction/Operations

IV. Resolution No. R-26-11: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the May 19, 2011, DuPage Water Commission Meeting

V. Discussion Items

A. Replacement of Valve Stem Risers

B. Corrosion Control and Protection for the Outer Belt Transmission Main

C. Corrosion Control and Protection for the South Transmission Main

VI. Great Western Trail Improvements

VII. Other

VIII. Adjournment

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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.

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, APRIL 21, 2011
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 6:30 P.M.

Committee members in attendance: D. Loftus, R. Furstenau, F. Saverino, M. Scheck and J. Zay *ex officio*.

Committee members absent: None

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

Commissioner Saverino moved to approve the Minutes of the March 17, 2011 Engineering Committee. Motion seconded by Commissioner Scheck and passed unanimously as follows:

Ayes: D. Loftus, R. Furstenau, F. Saverino and M. Scheck
Nays: None
Absent: None

Staff provided an oral report highlighting the Status of Operations report;

Regarding Contract PSD-7 DPPS Electrical Generation, the Committee was briefed on the contents of Change Order No. 14 which appeared on the agenda as R-23-11. The Committee was also briefed on the scope of work within the Professional Engineering Services Contract between the DuPage Water Commission and Primera Engineers, Ltd., which appeared on the agenda as R-18-11, with Staff noting that some of the items contained in Change Order No. 14 were potentially related to the Primera Contract. It was the consensus of the Committee to engage a third party to provide an engineering evaluation for potential issues.

Regarding the Laramie Avenue Viaduct work and the 1st Amendment to Task Order No. 28 with AECOM which appeared on the agenda as R-20-11, the Committee was advised that the deep footing work was completed albeit with some conflicts encountered on site, witnessed by AECOM and solutions accomplished without incident to the 12' diameter tunnel or one of the Commonwealth Edison electric feeders to the Lexington Pumping Station. Staff noted that the construction conflicts encountered emphasized the need to have resident engineers on site prior to Board approval.

Regarding the DuPage County Steeple Run Service Area, Staff advised the Committee that two requests for proposals (RFP) were being developed in advance of the joint facility agreement being approved. The first RFP is Professional Engineering Services to perform hydraulic modeling of the Commission's distribution system and then model the impact of the proposed Steeple Run connection point.

Engineering Meeting Minutes April 21, 2011

The second RFP is Professional Engineering Services to perform design, bidding and construction services of the joint facility connection point. Both RFP's are being drafted with certain contract expiration language to meet the requests as previously stated by Chairman Zay. Committee Chairman Loftus and Commissioner Saverino both questioned and suggested methods of notifying the public and potential bidders.

Regarding Contract QR-8 (Quick Response Contract), the Committee was advised that Work Authorization Order #25 which appears on the agenda as R-21-11 was necessary immediate work to repair failing manholes in a highly traveled roadway in Downers Grove.

Regarding Contract QR-9 (Quick Response Contract), the Committee was advised that the QR-8 contract lapses on July 1, 2011 where the QR-9 bidding documents became available as of April 18, 2011, a pre-bid meeting is scheduled for May 3rd and bid opening is scheduled for May 17th. It is Staff's intention to present a resolution to award the QR-9 contract at the June 2011 Commission meeting.

Regarding R-17-11, Staff advised the Committee that Task Order No. 19 would authorize EN Engineering to perform routine scheduled inspection, maintenance and adjustment of cathodic protection equipment at the Commission's five (5) water storage standpipes.

Regarding R-19-11, Staff advised the Committee that during the High Lift Pump #5 (HLP-5) electric motor disassembly work, as previously approved by the Commission, the estimated cost to repair the motor exceeded that statutory requirement where the motor repairs needed to be rebid. Upon advertisement for bids and the subsequent bid opening, Dreisilker Motors of Glen Ellyn was determined to be the lowest responsible bidder. R-19-11 would authorize the motor repair work to be performed.

Upon determining that R-16-11 and R-22-11 as listed in the Status of Operations report were not items for consideration of the Engineering and Construction Committee, Chairman Loftus requested a voice vote to determine if the Committee had a consensus to move all remaining agenda items for approval at the regular Commission meeting. All vote aye.

Commissioner Scheck moved to adjourn the meeting at 6:56 P.M. Motion seconded by Commissioner Furstenau and passed unanimously as follows:

Ayes:	D. Loftus, R. Furstenau, F. Saverino and M. Scheck
Nays:	None
Absent:	None



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Terry McGhee
Manager of Water Operations

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

DATE: May 12, 2011

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of April were a total of 2.04 billion gallons. This represents an average day demand of 67.9 million gallons per day (MGD), which is lower than the April 2010 average day demand of 71.2 MGD. The maximum day demand was 71.7 MGD on April 30, 2011, which is lower than the April 2010 maximum day demand of 78.1 MGD. The minimum day flow was 63.9 MGD. The Commission's recorded total precipitation for the month of April was 4.90 inches compared to 3.01 inches for April 2010. The level of Lake Michigan for April 2011 is 577.14 (Feet IGLD 1985) compared to 577.79 (Feet IGLD 1985) for April 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 Water Conservation and Protection Program attended the following events in April: Earth Celebration Event at DuPage County, Earth Day for Argonne Employees, and Party for the Planet at Cosley Zoo. Memos about these events can be found on preservingeverydrop.org.

The Commission is sponsoring a high school and college video contest on water conservation. Winning film(s) will be featured on dpwc.org and preserveeverydrop.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.

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 ongoing. A table of change orders approved, pending or in development has been prepared for review. The project completion date is May 30, 2011.

Staff is gathering design documents, contractor submittals and other documentation to provide the 3rd party engineering evaluation of the newly constructed HVAC facilities as approved last month.

Generator Supply Contract

Patten Industries is modifying 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 is being held back to facilitate the completion of the work.

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. 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.

Engineering Request For Proposals are being developed for hydraulic modeling and joint connection facilities design and construction services.

Instrumentation / Remote Facilities Overview

Annual Customer Meter Calibration Program

The program is complete for the year. Maintenance is being performed on the test bench to be ready for this fall when the program begins.

Remote Facilities Maintenance

Routine monthly inspections and maintenance is ongoing. Task Order #19 with EN Engineering for the annual inspection and calibration of the standpipe rectifier systems is being scheduled.

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

ArcGIS 10

Staff completed an upgrade to ArcGIS 10. Version 10 is considered to be a major release with significant changes to functionality and formatting. For the foreseeable future version 9.2 and 10 will be used on separate servers because 9.2 is needed for the Infor EAM/GIS integration.

Paperless Agenda Project

Staff is researching wireless devices and meeting management software to support the Administration Committee's desire to move in a more paperless direction. Four demonstrations of meeting management software are scheduled over the next few weeks.

Pipeline Construction OverviewContract QR-8 (Quick Response Contract)

Work Authorization Order #20. (Carol Stream repair) Restoration has been completed.

Work Authorization Order #24. (Elmhurst leak repair) Remains open pending completion of topsoil and planting work.

Work Authorization Order #25. (Downers Grove manhole repair and pavement failure) Manhole repairs have been completed and temporary pavement is in place.

Work Authorization Order #26 (Frame and lid and pavement repair on Lombard Rd. in Addison) appears for Board authorization on Resolution R-26-11.

Pipeline Maintenance and Corrosion Mitigation

Work continues on project design and contract specifications for the Outer Belt Transmission Main Corrosion Mitigation Contract. (EN Engineering Task Order #13)

Work continues under EN Engineering Task Order No. 17. (Test Point Survey)

Contract QR-9 (Quick Response Contract)

Contract QR-9 replaces Contract QR-8 beginning July 1, 2011 or, should it become necessary, upon any Board approved contract extension for Contract QR-8.

A pre-bid meeting was held on May 3 and the bid opening is scheduled for May 17, 2011. It is expected that the contract will be awarded at the June 16, 2011 Commission meeting.

Other

A meeting to discuss design alternates for the conflicts resulting from the Great Western Trail Pedestrian Bridge improvements in Lombard was held on March 30.

MAY 2011 COMMISSION AGENDA ITEMS:

R-26-11—A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-8/08 at the May 19, 2011, DuPage Water Commission Meeting.

Attachments:

1. DuPage Laboratory Bench Sheets for April , 2011
2. Water Sales Analysis 01-April-06 to 30-April- 2011
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

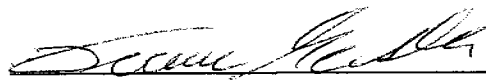
Operations\Memorandums>Status of Oper\2011/05/12 .doc

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR APRIL 2011

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂ mg/l	TURBIDITY NTU	PO ₄ mg/l	FREE CL ₂ mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.90	0.09	0.51	0.89	0.08	41	7.7	1.1	0.54	0	JG
2	0.91	0.08	0.51	0.90	0.08	41	7.7	1.1	0.52	0	JG
3	0.90	0.09	0.55	0.87	0.09	41	7.7	1.0	0.55	0	JG
4	0.90	0.09	0.53	0.87	0.07	42	7.6	1.0	0.53	0	MR
5	0.89	0.09	0.53	0.86	0.08	42	7.6	1.0	0.51	0	MR
6	0.87	0.08	0.53	0.90	0.07	41	7.6	0.9	0.52	0	GA
7	0.90	0.08	0.53	0.87	0.10	42	7.6	1.1	0.51	0	MR
8	0.91	0.10	0.52	0.91	0.06	42	7.7	1.1	0.54	0	MR
9	0.92	0.09	0.49	0.87	0.08	42	7.6	1.2	0.51	0	JG
10	0.93	0.09	0.50	0.90	0.09	42	7.7	1.1	0.55	0	JG
11	0.86	0.08	0.51	0.90	0.09	42	7.6	1.0	0.53	0	JG
12	0.88	0.08	0.51	0.89	0.09	42	7.7	1.1	0.53	0	MR
13	0.90	0.08	0.51	0.91	0.07	44	7.7	1.1	0.52	0	GA
14	0.94	0.09	0.56	0.90	0.09	43	7.6	1.1	0.51	0	MR
15	0.92	0.08	0.55	0.89	0.09	44	7.7	1.1	0.52	0	KD
16	0.94	0.08	0.52	0.92	0.09	42	7.7	1.0	0.51	0	JG
17	0.92	0.08	0.53	0.91	0.09	44	7.6	1.1	0.52	0	JG
18	0.97	0.08	0.55	0.93	0.09	44	7.6	1.1	0.54	0	JG
19	0.93	0.09	0.52	0.94	0.09	44	7.6	1.0	0.56	0	JG
20	0.93	0.09	0.53	0.90	0.08	45	7.7	1.0	0.49	0	GA
21	0.90	0.09	0.56	0.91	0.09	45	7.6	1.0	0.54	0	MR
22	0.89	0.08	0.56	0.92	0.08	47	7.6	1.0	0.52	0	MR
23	0.89	0.10	0.55	0.89	0.10	47	7.6	1.0	0.57	0	MR
24	0.91	0.10	0.55	0.90	0.09	47	7.7	1.1	0.59	0	RC
25	0.93	0.11	0.55	0.89	0.10	49	7.6	1.1	0.54	0	RC
26	0.92	0.11	0.54	0.89	0.10	48	7.7	1.1	0.53	0	RC
27	0.96	0.10	0.50	0.92	0.10	48	7.7	1.0	0.58	0	RC
28	0.89	0.09	0.52	0.91	0.10	48	7.6	1.1	0.49	0	GA
29	0.93	0.10	0.54	0.92	0.08	49	7.6	1.0	0.51	0	GA
30	0.90	0.10	0.53	0.91	0.08	49	7.6	1.0	0.50	0	GA
31											
AVG	0.91	0.09	0.53	0.90	0.09	44	7.6	1.1	0.53	0	
MAX	0.97	0.11	0.56	0.94	0.10	49	7.7	1.2	0.59	0	
MIN	0.86	0.08	0.49	0.86	0.06	41	7.6	0.9	0.49	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

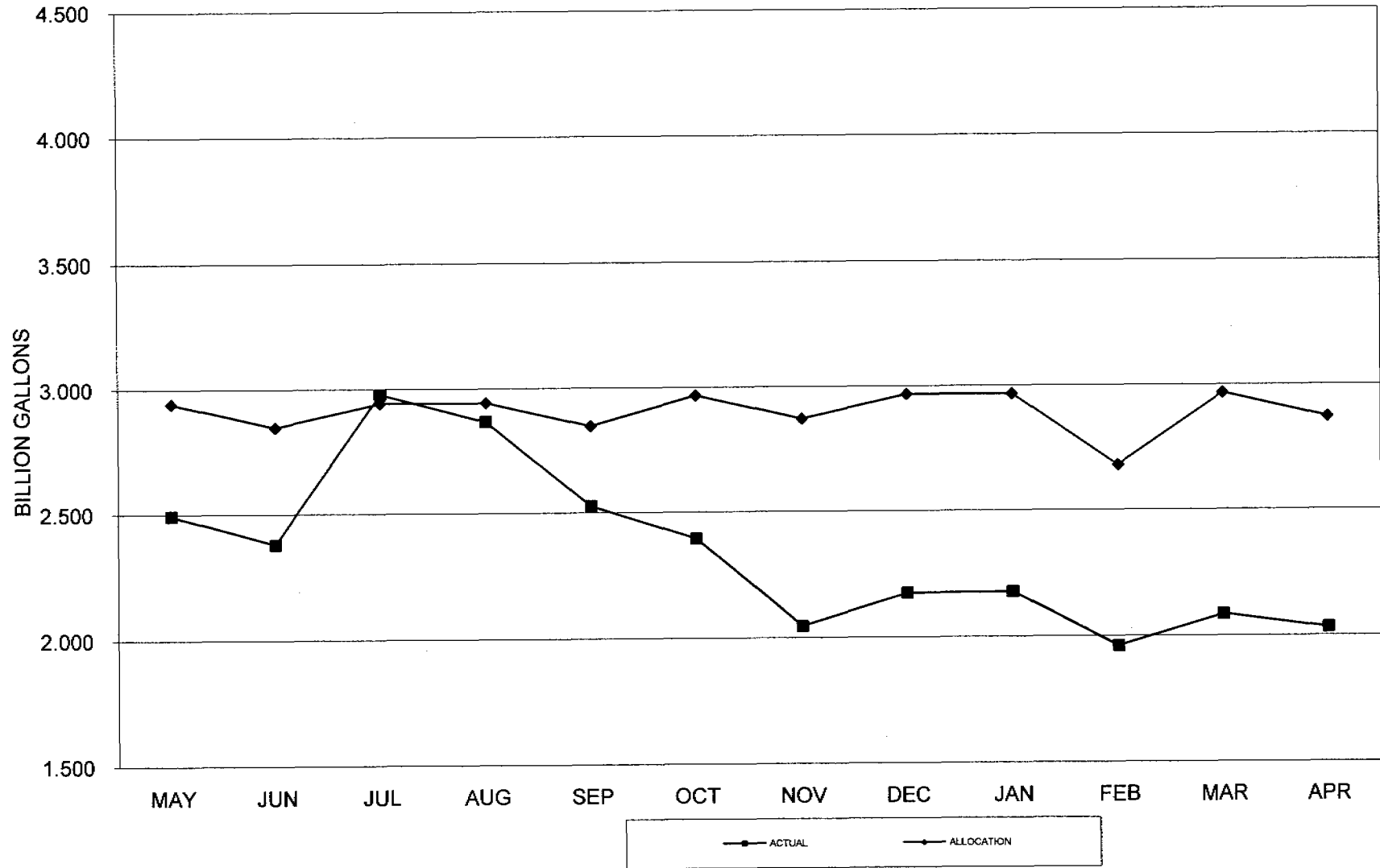
01-May-92 TO 30-Apr-11

PER DAY AVERAGE 81,221,555

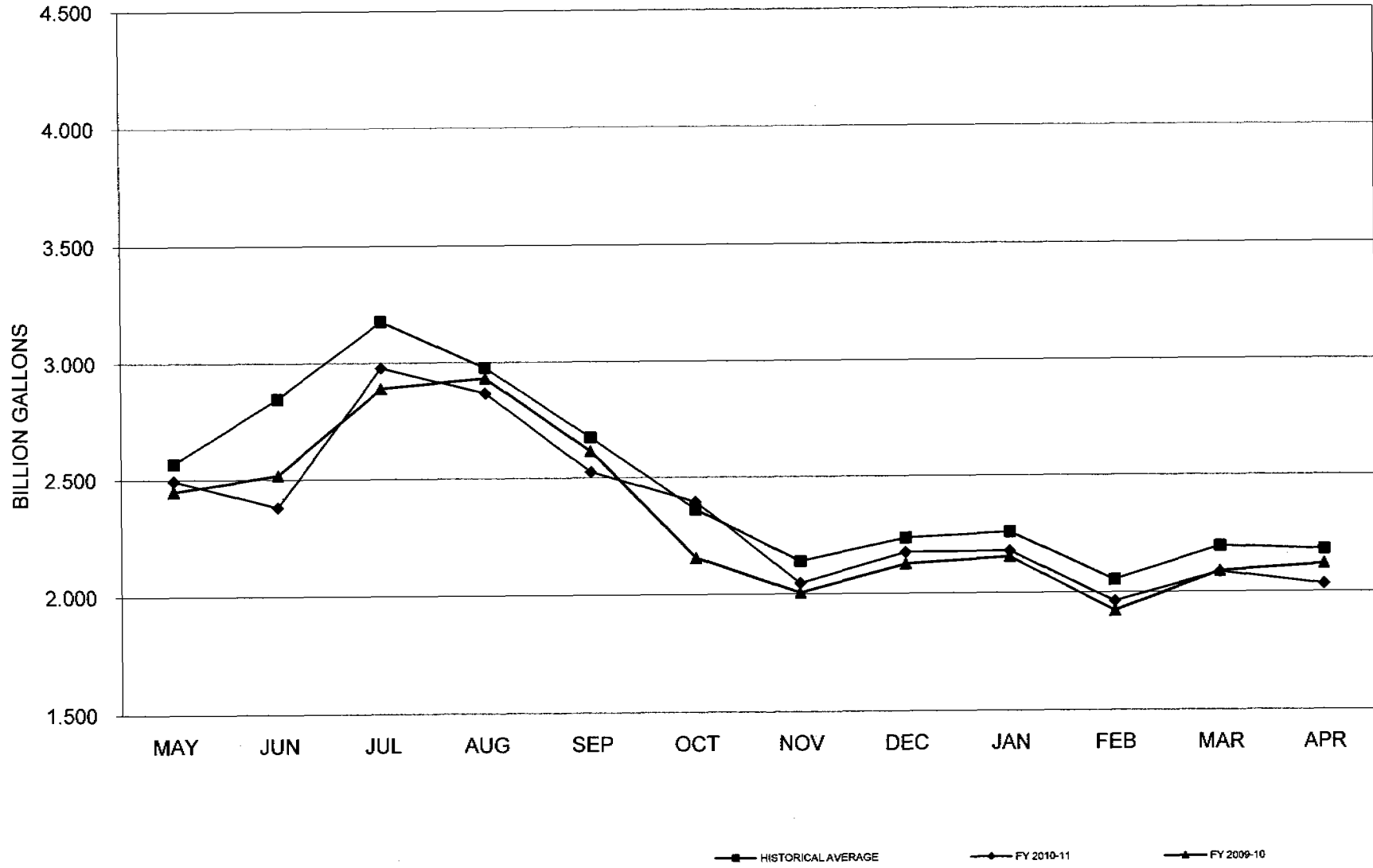
MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
May-07	2,863,644,000	2,951,900,000	97.01%	\$2,978,988.48	\$3,926,001.00	4,012,875	0.14%	97.15%	\$1.04	\$1.330
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	\$1.330
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	\$1.330
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	\$1.330
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	\$1.330
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	\$1.330
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	\$1.330
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	\$1.330
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	\$1.530
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	\$1.529
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	\$1.530
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	\$1.530
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	\$1.529
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	\$1.530
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	\$1.530
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	\$1.530
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	\$1.529
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	\$1.529
Nov-08	2,096,015,000	2,166,230,363	96.80%	\$2,599,238.12	\$3,311,719.84	2,220,353	0.10%	96.91%	\$1.24	\$1.529
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	\$1.529
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	\$1.759
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$1.758
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
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	\$2.005
Feb-11	1,960,872,000	1,992,314,214	98.42%	\$3,608,004.48	\$3,994,590.00	3,351,469	0.17%	98.59%	\$1.84	\$2.005
Mar-11	2,084,629,000	2,119,930,175	98.33%	\$3,835,717.36	\$4,250,460.00	875,189	0.00%	98.33%	\$1.84	\$2.005
Apr-11	2,032,022,000	2,050,900,249	99.08%	\$3,738,920.48	\$4,112,055.00	674,574	0.03%	99.11%	\$1.84	\$2.005
TOTALS (1)	563,596,371,400	579,778,459,891	97.21%	\$753,316,849.35	\$716,086,401.53	585,751,667	0.10%	97.31%	\$1.34	\$1.235

- (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	
2	10/14/10	Contract Time extension of 92 Calendar Days	N/A	N/A	
3	2/10/11	Additional Conduit Work	\$4,111.00	\$8,250,111.00	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#3 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

May 9, 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	
14	Appears on April 21, 2011 Agenda	Return Air Fan Motor Change, Fuel Hoses, HVAC/Fire System Control and Fuel Management System	\$24,974.00	\$17,646,332.00	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#14 3.99%
SUPPLY OF ENGINE GENERATORS			ORIGINAL CONTRACT	\$6,417,608.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#2
1	5/9/08	Revised Delivery Dates	\$0.00	N/A	
2	2/10/11	Modifications to Fuel Delivery System	Estimated \$27,712.00	\$6,445,320.00	0.43%

**Open Contracts Summary
Ending April 30, 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	\$ 254,111.00	\$ 8,250,111.00	July 21, 2008	October 21, 2010	90%	0%
PATTEN INDUSTRIES, INC.	SUPPLY OF ENGINE GENERATORS	\$ 6,417,608.00	\$ 27,712.00	\$ 6,445,320.00	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	\$ 492,949.20	\$ 17,701,949.20	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	\$ 676,332.00	\$ 17,646,332.00	November 25, 2008	May 30, 2011	99.995%	0%
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		75%	7%
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%	0%

(1) Completion based on approved/pending contractor invoices

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