



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, NOVEMBER 17, 2011
6:30 P.M.

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

COMMITTEE MEMBERS

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

- I. Roll Call
- II. Approval of Committee Meeting Minutes

RECOMMENDED MOTION: To approve the Minutes of the September 15, 2011 and October 20, 2011 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-45-11-- A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10 at the November 17, 2011, DuPage Water Commission Meeting
- V. R-46-11-- A Resolution Annulling the Award to Joliet Equipment Corporation and Re-Awarding a Contract for High Lift Pump Motor Re-Build at the DuPage Pumping Station
- VI. Discussion Items
- VII. Old Business
- VIII. Other
- IX. Adjournment

Board\Agendas\Engineering\2011\1111.docx

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, SEPTEMBER 15, 2011
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

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

Committee members in attendance: R. Furstenau, F. Saverino, and M. Scheck

Committee members absent: D. Loftus

Also in attendance: T. McGhee, E. Kazmierczak, J. Schori, and M. Weed.

Commissioner Saverino moved to approve the Minutes of the July 21, 2011 Engineering Committee. Motion seconded by Commissioner Furstenau and passed unanimously as follows:

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

Manager of Operations McGhee provided an oral report highlighting the Status of Operations report;

Regarding R-40-11 Commissioner Furstenau inquired as to how the contract was awarded and if the project would be put out for bid. Manager of Operations McGhee indicated that AECOM was selected on the merits of their proposal and their ability to utilize their previous design of the last two DuPage County (DPC) facilities. Manager of Operations McGhee indicated that after the design was completed the construction of the DWC/DPC facility would be put out for competitive bidding.

Regarding QRE-5 Instrumentation/Remote Facilities Supervisor Schori indicated the project was far more complicated than originally thought; and he would solicit new estimates from both QRE contactors.

Commissioner Saverino asked if the new generation facility was ready for winter operations and if the problems with the air intakes had been resolved. Manager of Operations McGhee indicated that the facility was up and running and staff had started a generator exercising program to insure the facility would operate properly when needed. He also indicated the staff was working with the Design Engineers to resolve the heating and ventilation issues and the discussions were going well.

Commissioner Scheck asked if there was a COMED power pole in close proximity to the Steeple Run facility. Manager of Operations McGhee indicated that there was.

Commissioner Furstenau inquired as to the number of open contracts on the list provided in the Engineering packet. Manager of Operations McGhee indicated the majority of the projects were in their final stages and would be closed out shortly.

Commissioner Furstenau asked for an update on the Westchester street issue. Pipeline Supervisor Kazmierczak stated that he had complied with the Village's request for plans and specification from the original project. He also stated that he and the General Manager had inspected the street shortly after the August Board meeting and found indications that sewer and water main work had been completed in the street since he had visited the area last year when the Village first approached the Commission. Commissioner Scheck asked how old the street was and Pipeline Supervisor Kazmierczak stated the street was rebuilt as part of the Commission 72" project about 16 years ago.

Commissioner Furstenau moved to adopt item numbers IV and V under the Engineering & Construction Committee Agenda in a single group pursuant to the Omnibus Vote Procedures. Motion seconded by Commissioner Scheck and passed unanimously as follows:.

IV. R-39-11—A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with EN Engineering, LLC at the September 15, 2011, DuPage Water Commission Meeting

V. R-40-11—A Resolution Approving and Authorizing the Execution of a Contract for Consulting Services for Design and Construction of a Joint Connection Facility

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

Commissioner Furstenau moved to adjourn the meeting at 7:00 P.M. Motion seconded by Commissioner Saverino and passed unanimously as follows:

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

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, OCTOBER 20 , 2011
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 6:32 P.M.

Committee members in attendance: R. Furstenau (via teleconference), M. Scheck, J. Zay (*ex officio*), and D. Loftus

Committee members absent: F. Saverino

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

Commissioner Furstenau moved to approve the Minutes of the September 15, 2011 Engineering Committee. Motion seconded by Commissioner Scheck and passed unanimously as follows:

Ayes:	R. Furstenau and M. Scheck
Nays:	None
Abstain:	D. Loftus
Absent:	F. Saverino
Non-Voting Member:	J. Zay (<i>ex officio</i>)

Facilities Construction Supervisor Bostick provided an oral report highlighting the Status of Operations report;

Regarding QRE-5.002, as approved under R-31-11 at an estimated cost not to exceed \$11,026, Instrumentation/Remote Facilities Supervisor Schori advised that the original scope of work for QRE5.002 WAO changed, where new estimates were requested to be submitted by the two QRE contractors. The revised estimates also included a per linear foot (LF) price for replacing the electric service cable should it fail testing. McWilliams Electric's new estimate increased from \$11,026 to \$24,400 with \$149.50/LF cost for electric service cable replacement. Meade Electric's new estimate increased from \$20,000 to \$29,300 with \$45.00/LF cost for electric service cable replacement, plus an additional \$250 for each site. Using a 50 LF run of electric service cable replacement as a model, the calculated costs came to \$7,475 for McWilliams and \$2,500 for Meade. However, because there is no current indication of electric service cable failures it was Staff's determination and recommendation that the McWilliams Electric estimate is in the best interests of the Commission. Chairman Loftus polled the other Committee members with the consensus being the Committee had no objections with Staff's recommendation.

Pipeline Supervisor Kazmierczak reported that a mechanical failure of the actuator spline on an 84" valve on the 90" supply line has been temporarily repaired. The means of final remediation are being discussed as well as reducing the number of routine valve operations which may have inadvertently caused the failure.

Regarding the Westchester street issue Pipeline Supervisor Kazmierczak stated that Chairman Zay and Commission Staff met earlier in the day with representatives of the Village of Westchester. After a review of available information, Commission staff opinion remains unchanged where the request of Westchester that the Commission should participate in the costs to replace the street is not warranted.

Regarding R-41-11, Pipeline Supervisor Kazmierczak reported that the repairs proposed under Work Order Authorization QR-9.002 are due to damages caused by pavement settling.

Regarding R-44-11, Operations Supervisor Weed reported that the initial bids for the High Lift Pump resulted in no action due to bidder difficulties in providing pricing in the proposal among other bidding difficulties, the project was re-bid a second time where the proposal of Joliet Equipment Corporation was found to be in the best interests of the Commission.

Commissioner Furstenau moved to recommend approval of item numbers IV and V under the Engineering Report section of the Agenda, all in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Scheck and unanimously approved by a Roll Call Vote:

Engineering Omnibus Vote

Ayes: R. Furstenau, M. Scheck and D. Loftus

Nays: None

Absent: F. Saverino

Non-Voting Member: J. Zay (*ex officio*)

Item IV: R-41-11: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-9/—"Engineering Omnibus Vote"

Item V: R-44-11--A Resolution Awarding a Contract for High Lift Pump Motor Re-Build at the DuPage Pumping Station —"Engineering Omnibus Vote"

Commissioner Furstenau moved to adjourn the meeting at 7:04 P.M. Motion seconded by Commissioner Scheck and passed unanimously as follows:

Ayes: R. Furstenau, M. Scheck and D. Loftus,

Nays: None

Absent: F. Saverino

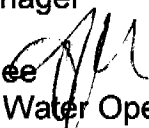
Non-Voting Member: J. Zay (*ex officio*)



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: November 10, 2011

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of October were a total of 2.214 billion gallons. This represents an average day demand of 71.4 million gallons per day (MGD), which is lower than the October 2010 average day demand of 77.4 MGD. The maximum day demand was 80.0 MGD on October 11, 2011, which is lower than the October 2010 maximum day demand of 88.1 MGD. The minimum day flow was 64.3 MGD. The Commission's recorded total precipitation for the month of October was 1.98 inches compared to 0.93 inches for October 2010. The level of Lake Michigan for October 2011 is 577.70 (Feet IGLD 1985) compared to 577.67 (Feet IGLD 1985) for October of 2010.

Water Conservation

The Commission has distributed 25 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 17 Utility Pledges, 11 status updates on the Utility Pledges, and seven resolutions supporting the Water Conservation and Protection Program.

Document Management

Staff has completed moving the majority of documents into the databases on the Document Management System.

Staff is in the process of creating workflows that will be utilized through DocMinder, a Document Management add-on, for board preparation procedures as well as other procedural needs.

The Commission's new leased copiers/printers have been outfitted with software that will allow employees to directly scan into the Document Management System.

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-7 DPPS Electrical Generation

Staff continues meeting with the design engineer to discuss outstanding design issues. The Contractor is working on cost proposals for the suggested remedial actions.

Contract PSC-4 Lexington Generation Facilities

All contractually required documentation having been submitted and approved, the final payment will be released shortly which closes the contract and marks the commencement of warranties.

Contract PSC-5 Lexington Photovoltaic Cells

The Contractor is waiting on the City to establish an internet connection in order to display the PV system data on the internet. This is the final work required before closing out the contract.

Supply of Engine Generator Units

We are working with Patten Power on a potential change order to credit the Contract for spare generator parts which we no longer wish to store.

DuPage County Service Areas

Steeple Run: DuPage County has posted all required deposits for a "Type C" Rate Control Pressure Adjusting Station (PAS). The Engineer has determined through hydraulic analyses on the Commission's distribution plus head losses associated with the County's distribution system that a "Type D" pressure increasing PAS is necessary. This will most likely increase the cost of design and construction of the PAS facilities. Since DuPage County deposits up to 125% of all associated costs upfront and all expenses are 100% the responsibility of the County, as well as the PAS being a County asset, this should have a net neutral effect on the Commission's budget. This issue has been discussed with the County and is moving forward. The Engineer continues working on the preliminary design elements including site surveys and soil borings.

York Township: We have been requested to develop estimates to provide a direct connection to this service area. This is a precursor to developing a joint connection facility agreement.

Instrumentation / Remote Facilities Overview

Annual Customer Meter Calibration Program

The program is underway.

Remote Facilities Maintenance

Annual remotely operated valve inspections and calibrations are ongoing with completion expected at the end of November.

Contract QRE-5/10 (Quick Response Electrical Contract)

Work Authorization Order # QRE-5.002 to repair the electrical service entrances at various meter stations is being scheduled with ComEd to cut services so the work can be performed.

Work Authorization Order # QRE-5.003 was issued, and the work started, prior to Board approval in response to a road project by IDOT affecting electrical service to a Commission facility (ROV29A) at the intersection of Butterfield Rd and Winfield Rd in Warrenville. The underground cable is in conflict with the proposed traffic signal mast arm foundation. This appears on the Commission's agenda as R-45-11

GIS

Infor EAM

The Infor training (TRN) environment and Advanced Mobile module have been upgraded and the Commission has received 2 ½ days of training on new features and how to use the system more effectively. Some minor system configuration changes need to be made to simplify screens and menus to eliminate unneeded features. Testing of Infor TRN has not revealed any problems with work orders, purchase orders or custom reports. The final portion of the project will consist of data migration to the production server, shutting down the Infor 8.2 services and staff switching over to the 8.5 version.

ArcGIS Server Web Site

Work continues on a new GIS web site using ArcGIS Server version 10.

Paperless Agenda Project

Work continues on this project.

Pipeline Construction Overview

Contracts TOB-7/11 and TS-8

Work continues on project design and contract specifications for the Outer Belt Transmission Main Corrosion Mitigation Contract and the South Transmission Main Corrosion Mitigation Project (EN Engineering Task Order Nos. 13 and 6).

Contract QR-9 (Quick Response Contract)

Work Authorization No. 2 to Contract QR-9 (Harrison Street cathodic protection handhole repair and pavement replacement in the City of Hillside) is in progress.

Operations Construction and Maintenance Overview

High Lift Pump Motor Re-Build

R-44-11, approved at the October 2011 meeting awarded Contract to Joliet Equipment Corporation conditioned upon the receipt of all contractually required documentation and other additional information as requested by the General Manager. Among the contractually required documentation to be submitted included Performance and Labor and Material Payment Bonds. Joliet has not complied. Staff is recommending in R-46-11 the annulment of the award to Joliet, terminating acceptance of the Joliet Contract/Proposal, and re-awarding the contract to Dreisilker Electric Motors, Inc. for the prices set forth in its Contract/Proposal, initially amounting to \$58,440. As provided in the RFP, each Bidder's proposal includes a lump sum allowance of \$50,000 for implementing any additional necessary work, reassembling, and re-testing the motor. The cost of implementing any Commission-approved additional work will be deducted from the amount of the allowance. Any monies not expended from the allowance will not be paid by the Commission to the successful Bidder.

NOVEMBER 2011 COMMISSION AGENDA ITEMS:

R-45-11--A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-5/10 at the November 17, 2011, DuPage Water Commission Meeting

R-46-11-- A Resolution Annulling the Award to Joliet Equipment Corporation and Re-Awarding a Contract for High Lift Pump Motor Re-Build at the DuPage Pumping Station

Attachments:

1. DuPage Laboratory Bench Sheets for October , 2011
2. Water Sales Analysis 01-October-06 to 31-October- 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 OCTOBER 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	0.82	0.10	0.53	0.95	0.11	62	7.6	1.1	0.51	0	RC
2	0.88	0.10	0.55	0.92	0.10	62	7.6	1.1	0.52	0	AM
3	0.92	0.09	0.56	0.93	0.10	60	7.6	1.1	0.50	0	RC
4	0.89	0.11	0.52	0.89	0.11	61	7.6	1.1	0.53	0	RC
5	0.83	0.11	0.54	0.94	0.07	61	7.6	1.1	0.51	0	GA
6	0.85	0.10	0.57	0.96	0.10	60	7.7	1.0	0.52	0	CT
7	0.87	0.11	0.51	0.91	0.08	61	7.6	1.1	0.51	0	GA
8	0.90	0.10	0.50	0.96	0.08	60	7.6	1.0	0.52	0	CT
9	0.90	0.09	0.52	0.97	0.09	59	7.6	1.0	0.50	0	FG
10	0.87	0.10	0.54	0.92	0.08	62	7.5	1.1	0.53	0	RC
11	0.86	0.09	0.53	0.95	0.09	61	7.6	1.0	0.53	0	FG
12	0.88	0.08	0.56	0.89	0.09	60	7.6	1.1	0.53	0	RC
13	0.86	0.09	0.54	0.94	0.08	58	7.5	1.1	0.53	0	RC
14	0.87	0.08	0.51	0.92	0.09	60	7.6	1.1	0.55	0	MR
15	0.85	0.08	0.53	0.92	0.08	62	7.6	1.1	0.55	0	CT
16	0.89	0.10	0.51	0.92	0.08	60	7.6	1.1	0.54	0	MR
17	0.87	0.09	0.52	0.92	0.09	60	7.5	1.0	0.53	0	FG
18	0.87	0.08	0.51	0.93	0.09	59	7.6	1.1	0.52	0	RC
19	0.88	0.10	0.55	0.94	0.10	59	7.6	1.0	0.52	0	FG
20	0.86	0.08	0.52	0.92	0.10	59	7.7	1.1	0.52	0	RC
21	0.86	0.09	0.52	0.92	0.10	60	7.6	1.1	0.51	0	MR
22	0.92	0.09	0.51	0.94	0.10	58	7.6	1.1	0.52	0	CT
23	0.87	0.08	0.52	0.92	0.10	58	7.6	1.1	0.53	0	MR
24	0.85	0.08	0.52	0.92	0.09	56	7.5	1.0	0.53	0	CT
25	0.84	0.09	0.51	0.92	0.10	56	7.6	1.1	0.53	0	FG
26	0.91	0.10	0.52	0.93	0.11	56	7.6	1.1	0.53	0	FG
27	0.92	0.08	0.55	0.94	0.10	54	7.5	1.1	0.51	0	RC
28	0.88	0.09	0.53	0.92	0.10	56	7.6	1.0	0.52	0	FG
29	0.89	0.08	0.53	0.94	0.09	54	7.6	1.0	0.53	0	MR
30	0.84	0.11	0.50	0.93	0.07	54	7.5	1.1	0.53	0	CT
31	0.87	0.10	0.51	0.93	0.08	54	7.6	1.0	0.51	0	MR
AVG	0.87	0.09	0.53	0.93	0.09	59	7.6	1.1	0.52	0	
MAX	0.92	0.11	0.57	0.97	0.11	62	7.7	1.1	0.55	0	
MIN	0.82	0.08	0.50	0.89	0.07	54	7.5	1.0	0.50	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Oct-11

PER DAY AVERAGE 81,292,297

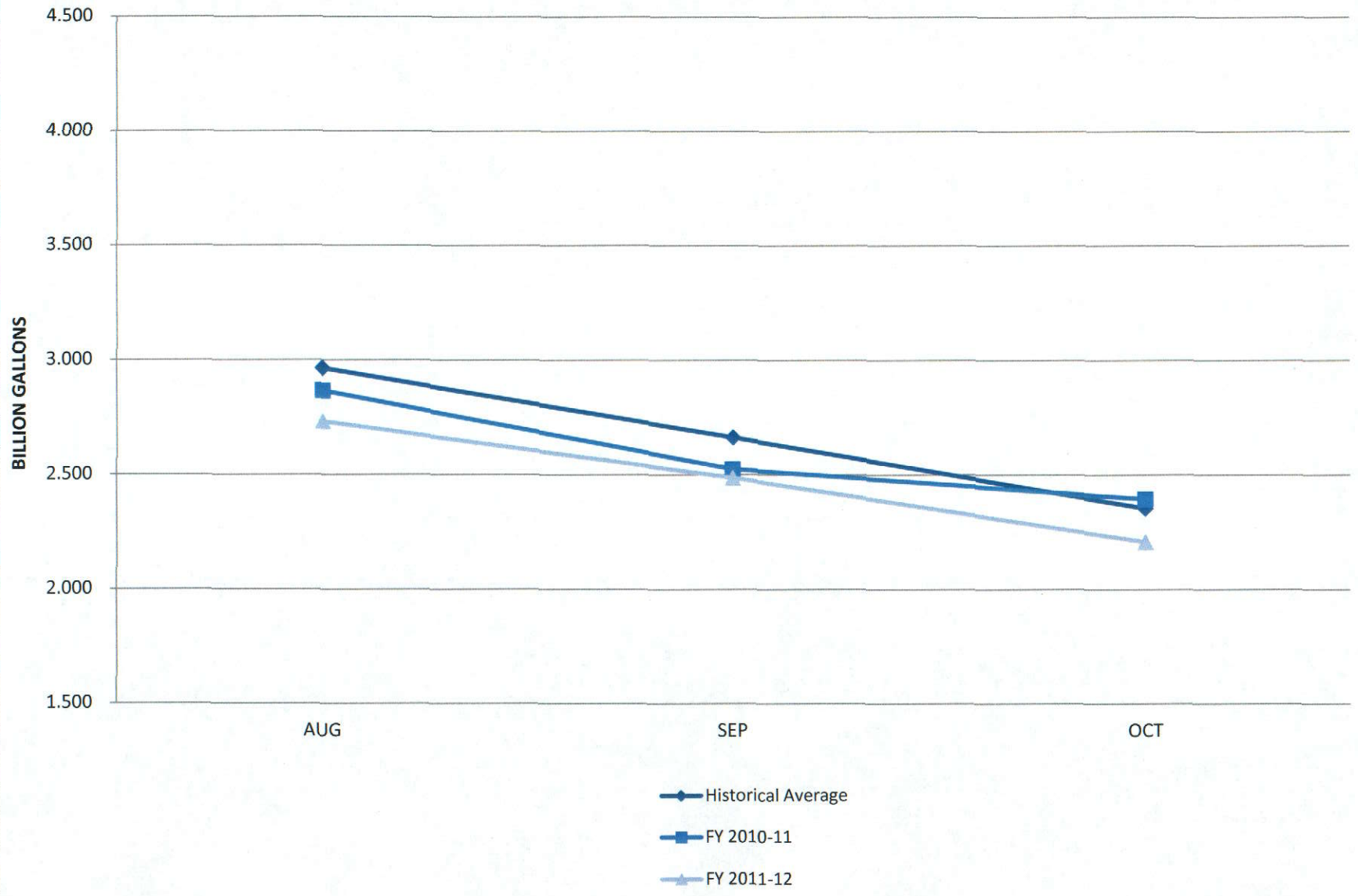
MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
May-08	2,474,831,000	2,566,584,008	96.43%	\$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	2,165,230,363	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	\$4,131,937.32	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
May-11	2,342,971,000	2,384,648,379	98.25%	\$4,779,660.84	\$4,781,220.00	603,990	0.03%	98.28%	\$2.04	\$2.005
Jun-11	2,467,779,000	2,526,763,092	97.67%	\$5,034,118.96	\$5,066,160.00	700,540	0.03%	97.69%	\$2.04	\$2.005
Jul-11	3,211,413,000	3,276,142,145	98.02%	\$6,551,276.72	\$6,568,665.00	1,090,800	0.03%	98.06%	\$2.04	\$2.005
Aug-11	2,733,016,000	2,779,503,741	98.33%	\$5,575,352.64	\$5,572,905.00	792,559	0.03%	98.36%	\$2.04	\$2.005
Sep-11	2,486,823,000	2,533,174,564	98.17%	\$5,073,028.92	\$5,079,015.00	1,078,701	0.04%	98.21%	\$2.04	\$2.005
Oct-11	2,206,656,398	2,249,745,636	98.08%	\$4,501,579.05	\$4,510,740.00	681,023	0.03%	98.11%	\$2.04	\$2.005
TOTALS (1)	579,045,029,798	595,528,437,448	97.23%	\$784,831,866.48	\$747,665,106.53	590,699,280	0.10%	97.33%	\$1.36	\$1.256

(1) - SINCE MAY 1, 1992

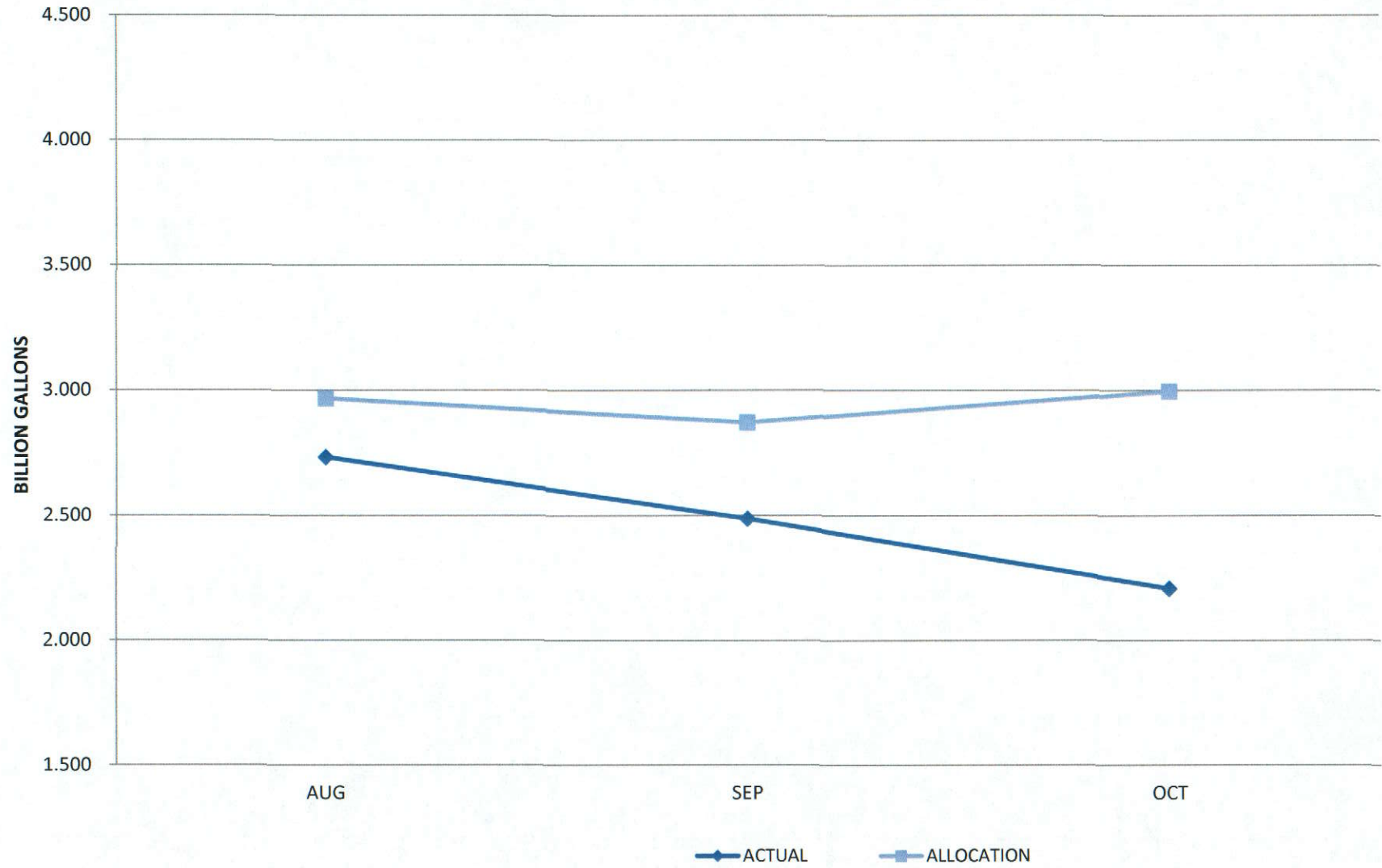
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

DU PAGE WATER COMMISSION SALES FY 2011-12 & FY 2010-11 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION SALES FY 2011-12 VS. ALLOCATION



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	
9	7/21/11	Contract Time Extension	\$0.00	\$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	

DuPage Water Commission
 Facilities Construction Change Order Log

November 8, 2011

PSD-7 DUPAGE GENERATORS/OFFICE/GARAGE EXPANSION (Continued)			ORIGINAL CONTRACT	\$16,970,000.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
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	
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	04/21/11	Return Air Fan Motor Change, Fuel Hoses, HVAC/Fire System Control and Fuel Management System	\$24,974.00	\$17,646,332.00	
15	08/18/11	Negotiated Work in Lieu of Material Supply	\$0.00	\$17,646,332.00	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#15 3.99%
SUPPLY OF ENGINE GENERATORS			ORIGINAL CONTRACT	\$6,417,608.00	
CHANGE ORDER	DATE APPROVED	CONTENT	COST	REVISED CONTRACT COST	
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	
3	08/18/11	Actual Costs to Modify Fuel Delivery System as Approved by CO#2	Actual \$23,208.00	\$6,440,816.00	CUMULATIVE CHANGE ORDER PERCENTAGE THROUGH CO#3 0.36%

**Open Contracts Summary
Ending October 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	\$ 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%
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								
CAMP DRESSER MCKEE	DUPAGE PUMP STATION GENERATION ENGINEERING	\$ 2,004,688.00	\$ -	\$ 2,004,688.00	November 10, 2003		85%	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		100%	0%

(1) Completion based on approved/pending contractor invoices